

We Know
How



Our 2017
Sustainability
+ Financial Report

We know
how

**to create
value for our
shareholders...**

...because our
investments
promote growth
in the energy sector



We know
how

to foster community development...

...because generating
social wellbeing
stimulates growth



We know
how

**to operate
responsibly...**

...because protecting our
environment is ensuring
the future

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WE ARE IENOVA

IENOVA DEVELOPS, BUILDS, AND OPERATES ENERGY INFRASTRUCTURE PROJECTS IN MEXICO. WE PARTICIPATE IN SEVERAL BUSINESS LINES IN THE ENERGY SECTOR'S VALUE CHAIN THAT ARE OPEN TO PRIVATE COMPANIES. AS OF 2017, WE HAVE INVESTED MORE THAN USD\$7.6 BILLION, INCLUDING PROJECTS IN OPERATION AND UNDER CONSTRUCTION, ACQUISITIONS, AND JOINT VENTURES. IENOVA IS AMONG THE LARGEST PRIVATE ENERGY COMPANIES IN THE COUNTRY, AND THE FIRST ENERGY INFRASTRUCTURE COMPANY TO BE LISTED ON THE MEXICAN STOCK EXCHANGE.

OUR VALUES

[102-16]

Ethical

do the right thing

- Act with honesty and integrity.
- Be open and fair.
- Keep our commitments.
- Earn people's trust.

Respectful

value people

- Listen, communicate clearly, be candid.
- Embrace diversity of people and perspective.
- Contribute individually to succeed as a team.
- Treat safety as a way of life.

High-performing

deliver outstanding results

- Set tough goals and achieve them, act with urgency.
- Reward superior performance, acknowledge successes.
- Learn and improve.
- Be accountable.

Forward-looking

shape the future

- Think critically and strategically.
- Anticipate market needs.
- Actively pursue and create opportunities.
- Implement with discipline and manage risks.

Responsible partner

create positive relationships

- Engage others, seek feedback, collaborate.
- Support our communities.
- Be a responsible environmental steward.
- Do what we say we'll do.

our vision is to be a leading energy infrastructure company in Mexico that contributes to promoting the country's growth, competitiveness, and sustainable development.

our mission is to develop, build, and operate energy infrastructure, contributing to the development of Mexico and creating value for our shareholders, within a framework of ethics, safety, respect, and commitment to our employees, the environment, and the communities to which we belong.

MESSAGE FROM
THE CHAIRMAN OF
THE BOARD AND CHIEF
EXECUTIVE OFFICER
[102-14, 102-15,
102-1, 102-5, 103-1]

IN 2017, WE EXCEEDED
OUR GOALS BY LEVERAGING
THE OPPORTUNITIES
OFFERED BY THE DYNAMIC
ENERGY MARKET IN MEXICO.
WE STRENGTHENED OUR
PARTICIPATION IN SEGMENTS
WHERE WE ARE LEADERS
AND SIMULTANEOUSLY
DIVERSIFIED THE LINES OF
BUSINESS WE ENGAGE IN
AND THE TYPES OF
CUSTOMERS WE SERVE

USD\$8.19*
MILLION
INVESTMENT
IN COMMUNITY,
ENVIRONMENT,
SAFETY, HEALTH,
AND COMPLIANCE
IN 2017



In 2017, we exceeded our goals by leveraging the opportunities offered by the dynamic energy market in Mexico. We strengthened our participation in segments where we are leaders and simultaneously diversified the lines of business we engage in and the types of customers we serve.

With an investment of USD\$1.075 billion for the year, we executed projects of different types and scales within an expanding geographic footprint.

Our financial balance sheet is strong, we provide a very attractive return to our investors and an efficient capital structure. Adjusted EBITDA for the year was USD\$759 million, representing an increase of close to 51% with respect to 2016. To share these achievements with analysts and investors, we successfully held the first IEnova Analyst Day in New York City.

At year-end we carried out our first international senior note offering for USD\$840 million, with demand exceeding all expectations. Our current debt level continues to be healthy, enabling us to maintain our investment grade.

In the Gas Segment, in 2017 we finished building three pipelines, concluding the year with a network of 3,391 km** of pipelines to transport natural gas, LPG, and ethane. Furthermore, we acquired an additional 25% of the Los Ramones Norte Pipeline, increasing our stake in the asset to 50%. We also started construction of the marine natural gas pipeline in a joint venture with TransCanada.

* Includes Fundación IEnova's annual budget and social investments made by the following Trusts: Ensenada, Sonora, Ojinaga-El Encino, San Isidro-Samalayuca, as well as the Ethane Pipeline, Energía Sierra Juárez, and the marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz.

** Includes 100% of kilometers of pipelines in operation, under construction, and in joint ventures.

[103-1]

We entered into new lines of business with a contract to build and operate a marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz, and by signing an agreement to build two land storage terminals in the vicinity of Mexico City and the state of Puebla.

In the Electricity Segment, we signed the first contract ever in Mexico for the direct sale of energy between private companies. As part of this agreement, we started construction on Pima Solar, a new 110 MW_{AC} solar park in the municipality of Caborca, in the state of Sonora, in addition to the two solar parks already included in our portfolio that are currently under construction. Also in this segment, we are in the process of expanding capacity at the Energía Sierra Juárez wind farm.

We continue to value sustainability as a vital element within our business strategy, as evidenced by IEnova's outstanding position in the Sustainability Index of the Mexican Stock Exchange.

We constantly reiterate our commitment to the UN Global Compact and its Sustainable Development Goals. We offer our employees opportunities for growth and a better quality of life, as demonstrated by our certification, for the fourth consecutive year, by the Great Place to Work Institute. And we continue our efforts to care for natural resources and protect biodiversity.

Given that our commitment to sustainability also extends to the communities to which we belong, we started implementing a corporate Social Management System to coordinate the work we do on their behalf. With a USD\$1 million budget, Fundación IEnova sponsored 28 projects spanning six Mexican states. And, in response to the effects of the earthquakes that hit our country in September, we carried out a fund-raising campaign among our employees. Fundación IEnova doubled the donated funds and the total resources will be allocated to rebuilding two elementary schools in the state of Puebla.

I wish to thank our shareholders, Board members, and partners for the trust they have placed in IEnova. I also recognize the work done by our management team and employees, who are the driving force behind our achievements. Those achievements, described in detail throughout this Report, encourage us to continue working to remain on this successful path to creating value.

I WISH TO THANK OUR
SHAREHOLDERS, BOARD MEMBERS,
AND PARTNERS FOR THE TRUST
THEY HAVE PLACED IN IENOVA. I
ALSO RECOGNIZE THE WORK DONE
BY OUR MANAGEMENT TEAM AND
EMPLOYEES, WHO ARE THE DRIVING
FORCE BEHIND OUR ACHIEVEMENTS.
THOSE ACHIEVEMENTS, DESCRIBED
IN DETAIL THROUGHOUT THIS
REPORT, ENCOURAGE US TO
CONTINUE WORKING TO REMAIN ON
THIS SUCCESSFUL PATH TO
CREATING VALUE.

Sincerely,



Carlos Ruiz Sacristán
Chairman of the Board and Chief Executive Officer
Infraestructura Energética Nova, S.A.B. de C.V.

IENOVA IN MEXICO

WE ARE ONCE AGAIN AMONG THE TOP-TEN COMPANIES INCLUDED IN THE SUSTAINABILITY INDEX OF THE MEXICAN STOCK EXCHANGE.

The natural gas sector's legal framework was amended

95

Enova de Mexico, now IEnova, was established

ECOGAS Mexicali

ECOGAS Chihuahua

97

ECOGAS La Laguna-Durango

ECOGAS Mexicali

Transportadora de Gas Natural de Baja California (TGN)

00

Rosarito Pipeline (GRO)

ECOGAS Mexicali

Termoeléctrica de Mexicali (TDM)

03

LNG Storage Terminal, Energía Costa Azul (ECA)

ECOGAS Mexicali

Acquisition of the El Paso assets: Naco Compression Station and a 50% stake in Gasoductos de Chihuahua

10

Signing of the Ethane Pipeline contract

Award and signing of the Sonora Pipeline contract

12

USD\$408.3 million debt placement

USD\$598.8 million share issue

Inclusion of the IEnova shares in the IPC Index of the Mexican Stock Exchange

Beginning of operations of the LPG Storage Terminal in Guadalajara

13

Beginning of operations of the Energía Sierra Juárez wind farm (joint venture with InterGen)

Beginning of operations of the Ethane Pipeline

Beginning of operations of the Puerto Libertad-Guaymas phase of the first segment of the Sonora Pipeline

Award and signing of the San Isidro-Samalayuca Pipeline contract

Announcement of the agreement to acquire the Pemex stake in Gasoductos de Chihuahua

Creation and beginning of operations of Fundación IEnova, A.C.

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Inclusion of IEnova in the Sustainability Index of the Mexican Stock Exchange

50/50 joint venture with InterGen in the Energía Sierra Juárez wind farm

Beginning of operations of Los Ramones I Pipeline and the Sásabe-Puerto Libertad phase of the first segment of the Sonora Pipeline

Award and signing of the Ojinaga-El Encino Pipeline contract

Great Place to Work Certification

Socially Responsible Company Award

14

Beginning of operations of the Guaymas-El Oro segment of the Sonora Pipeline

Beginning of operations of the San Isidro-Samalayuca Pipeline

Beginning of operations of the Ojinaga-El Encino Pipeline

Beginning of operations of Ramal Empalme

Acquisition of the 25% Pemex stake in the Los Ramones Norte project

Signing with DeAcero of the first energy supply contract between a private generator and an industrial client

Award of the contract to build a marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz, as well as two land terminals in Puebla and in the vicinity of Mexico City

International senior note offering for USD\$840 million

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Beginning of operations of the Los Ramones Norte Pipeline

Award of the Ramal Empalme Pipeline

Award of the Sur de Texas-Tuxpan Marine Pipeline (joint venture with TransCanada)

Acquisition of the Pemex TRI stake in Gasoductos de Chihuahua

Award and signing of the contract for two renewable energy projects, Rumorosa Solar and Tepezalá Solar

IEnova equity follow-on offering

Acquisition of the Ventika wind farm

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OUR ACTIVITIES

[102-4, 102-6]

GAS SEGMENT

STORAGE AND REGASIFICATION TERMINAL

Capacity for 320,000 m³
of natural gas

Gas pipelines

ECOGAS

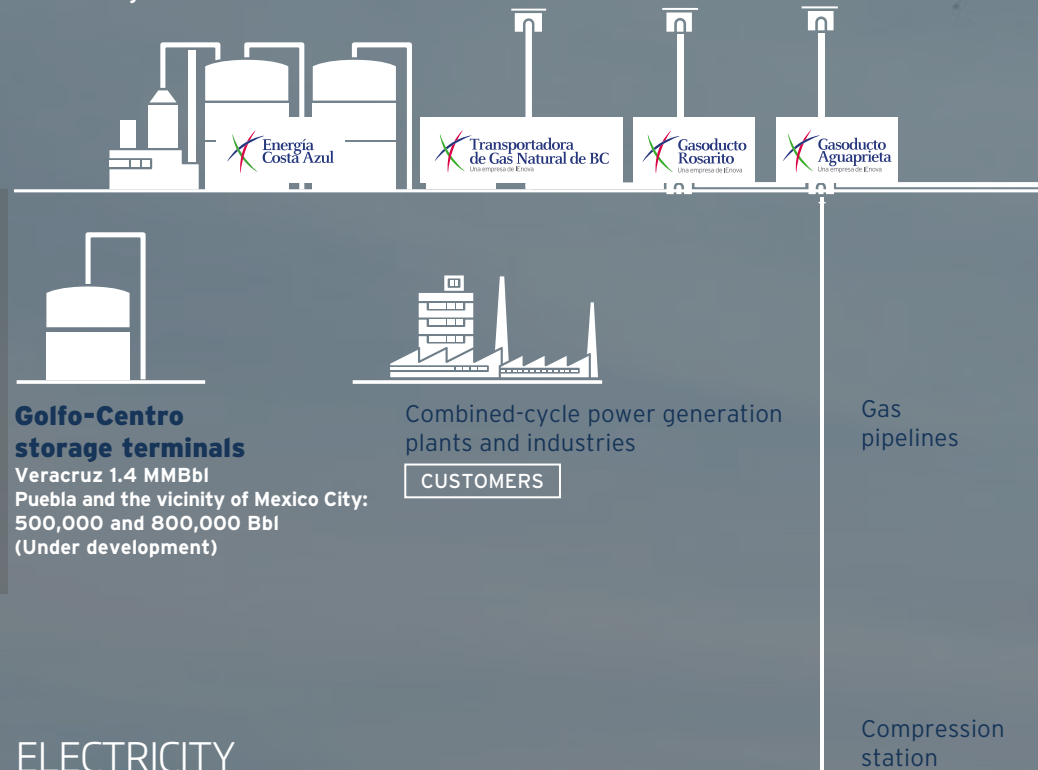
Natural gas distribution system

LPG TERMINAL IN GUADALAJARA

Capacity for 80,000 Bbl of LPG



Marine pipeline***



Commercial Residential Industrial

CUSTOMERS

LPG transportation system

Golfo-Centro storage terminals

Veracruz 1.4 MMBbl
Puebla and the vicinity of Mexico City:
500,000 and 800,000 Bbl
(Under development)

Combined-cycle power generation
plants and industries

CUSTOMERS

Gas pipelines

Compression
station



3,391 KM*
OF NATURAL GAS, LPG,
AND ETHANE PIPELINES

ETHANE PIPELINE

Gasoductos
del Sureste

Pemex Gas
Processing Center

ELECTRICITY SEGMENT

TERMOELÉCTRICA DE MEXICALI

625 MW Capacity

ENERGÍA SIERRA JUÁREZ**

155 MW Capacity

VENTIKA

252 MW Capacity

EXPANSION OF ENERGÍA SIERRA JUÁREZ

108 MW Capacity
(Under development)

SOLAR ENERGY PARKS

Tepezalá Solar**** 100 MW_{AC}
Rumorsa Solar 41 MW_{AC}
Pima Solar 110 MW_{AC}
(Under construction)

- * Includes 100% of kilometers of pipelines in operation, under construction, and in joint ventures.
- ** Asset belonging to the joint venture with InterGen, in which IEnova holds a 50% stake.
- *** Asset belonging to the joint venture with TransCanada, in which IEnova holds a 40% stake.
- **** Asset belonging to the joint venture with Trina Solar, in which IEnova holds a 90% stake.

BUSINESS
SEGMENT

[102-2, 102-6, 102-10, OG3]

ASSETS IN
OPERATION

GAS

 PIPELINES	ROSARITO PIPELINE (GRO)	302 km
	TRANSPORTADORA DE GAS NATURAL DE BAJA CALIFORNIA (TGN)	45 km
	SONORA PIPELINE (SÁSABE-GUAYMAS SEGMENT)	505 km
	SONORA PIPELINE (GUAYMAS-EL ORO SEGMENT)	330 km
	RAMAL EMPALME	20 km
	AGUAPRIETA PIPELINE (GAP)	13 km
	NACO COMPRESSION STATION	14,340 HP
	LOS RAMONES I PIPELINE	116 km
	LOS RAMONES NORTE PIPELINE*	452 km
	TDF LPG TRANSPORTATION SYSTEM	190 km
	SAMALAYUCA PIPELINE	37 km
	OJINAGA- EL ENCINO PIPELINE	220 km
	SAN ISIDRO-SAMALAYUCA PIPELINE	23 km
	SAN FERNANDO PIPELINE	114 km
	ETHANE PIPELINE	224 km
 STORAGE	LPG STORAGE TERMINAL IN GUADALAJARA	80,000 Bbl
	NATURAL GAS STORAGE AND REGASIFICATION TERMINAL, ENERGÍA COSTA AZUL (ECA)	320,000 m³
 DISTRIBUTION	ECOGAS (NATURAL GAS DISTRIBUTION PIPELINES)	120,469 customers 3,852 km
 GENERATION	ELECTRICITY	
	TERMOELÉCTRICA DE MEXICALI (TDM)	625 MW
	ENERGÍA SIERRA JUÁREZ (ESJ)** 47 WIND TURBINES	155 MW
	VENTIKA 84 WIND TURBINES	252 MW

* Asset belonging to the joint venture with Pemex TRI and BlackRock, in which IEnova holds a 50% stake.
** Asset belonging to the joint venture with InterGen, in which IEnova holds a 50% stake.

In 2017, we participated in two strategic projects for IEnova:

- 1) Contract awarded to build and operate a marine terminal for the receipt, storage, and delivery of hydrocarbons and two land terminals in the state of Puebla and in the vicinity of Mexico City, whose capacity will be acquired in its totality by Valero Energy.
- 2) Construction of a new 110 MW_{AC} photovoltaic solar park, Pima Solar, in the municipality of Caborca, in the state of Sonora.

PROJECTS UNDER CONSTRUCTION
AND IN DEVELOPMENT

[102-10, OG3]

GAS

 PIPELINES	SUR DE TEXAS- TUXPAN*	800 km 42 inches in diameter Capacity 2,600 MMcfd	• Marine and ground pipeline in the Gulf of Mexico, that runs from Southern Texas to Tuxpan, in the state of Veracruz. • It is estimated that it will be operational in the first quarter of 2018.
 STORAGE	GOLFO-CENTRO STORAGE TERMINALS	Veracruz: 1.4 MMBbl Puebla and the vicinity of Mexico City: 500,000 and 800,000 Bbl	• Marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz, as well as two land terminals that will be built in the state of Puebla and in the vicinity of Mexico City. • It is estimated that the Veracruz terminal will be operational in the fourth quarter of 2018; for the Puebla and the vicinity of Mexico City terminals, it is estimated that they will be operational in 2019.

ELECTRICITY

 GENERATION	RUMOROSA SOLAR	41 MW _{AC}	• Solar energy park located near the Energía Sierra Juárez wind farm in the municipality of La Rumorosa. • It is estimated that it will be operational in the second quarter of 2019.
	TEPEZALÁ SOLAR**	100 MW _{AC}	• Solar energy park located in the state of Aguascalientes. • It is estimated that it will be operational in the second quarter of 2019.
	PIMA SOLAR	110 MW _{AC}	• Solar energy park located in the municipality of Caborca, in Sonora. • It is estimated that it will be operational in the second quarter of 2019.
	ENERGÍA SIERRA JUÁREZ (ESJ) Expansion	108 MW	• Expansion of Energía Sierra Juárez, wind farm located in the Sierra de Juárez mountain range, in the municipality of Tecate, in Baja California.

* Asset belonging to the joint venture with TransCanada, in which IEnova holds a 40% stake.
** Asset belonging to the joint venture with Trina Solar, in which IEnova holds a 90% stake.

IENOVA
 ASSETS
 [102-4, 102-6]

-  Gas Distribution
-  LNG Terminal
-  LPG Terminal
-  Storage Terminals
-  Gas Generation
-  Wind Generation
-  Solar Generation (In Development)
-  Compressor Station

-  Gas Pipeline In Operation
-  LPG Pipeline In Operation
-  Ethane Pipeline In Operation
-  Sur de Texas - Tuxpan Pipeline (In Construction)
-  Third-Party Pipelines

- 1** TransCanada JV Assets
- 2** InterGen JV Assets
- 3** Trina Solar JV Assets
- 4** Pemex and Equity Funds JV Assets

*Includes 100% of JV Assets.



WE ARE A **SUSTAINABLE COMPANY**

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SUSTAINABILITY
MANAGEMENT

30
STAKEHOLDERS

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MATERIALITY

36
WE CREATE VALUE

AT IENOVA WE VALUE
SUSTAINABILITY AS A VITAL
ELEMENT WITHIN OUR
BUSINESS STRATEGY AND AS
A NECESSARY CONDITION TO
BE ABLE TO MAINTAIN OUR
LEADERSHIP POSITION IN
OUR INDUSTRY

[102-19, 102-20, 102-31, 102-32, 102-33, 103-2]

We have a Sustainability Committee that enables us to integrate sustainability into IEnova's strategic planning process and in the way we manage economic, environmental, and social risks. The Committee is chaired by our Chief Corporate Affairs & Human Resources Officer, and includes the following IEnova executives:

- Chief Financial Officer
- Chief Development Officer
- Chief Legal Counsel
- Chief Engineering & Construction Officer
- Chief Operating Officer
- Senior Vice President Strategic Planning
- Vice President Controller
- Director of Human Capital
- Director of Regulation and Compliance
- Director of External Affairs and Sustainability
- Manager of Auditing
- Manager of Sustainability

The Sustainability Committee includes six commissions:

1. **Human Capital:** is in charge of issues such as the comprehensive professional and personal development of our employees, and all efforts related to diversity and inclusion.
2. **Social Management:** addresses community development as well as how we manage our social investments.
3. **Environment, Health and Safety, and Supply Chain:** includes aspects such as clean and efficient energy, environmental stewardship, comprehensive management of waste and emissions, protecting biodiversity, the efficient use of resources, the health and safety of our employees at all operations, as well as economic and community development.
4. **Operations:** deals with the integrity and reliability of our operations, the efficient use of resources, and customer satisfaction.
5. **Engineering and Construction:** oversees the integrity of the assets and ensures construction is done sustainably.
6. **Ethics and Corporate Governance:** strives to strengthen a culture of ethics and corporate governance.

The functions of the Sustainability Committee include approving IEnova's sustainability strategy; making sure that the Sustainability Commissions carry out their duties; monitoring IEnova's inclusion in the Sustainability Index of the Mexican Stock Exchange; reviewing and approving the content of the Sustainability Report; and promoting all IEnova employees' knowledge of and compliance with the Sustainability Policy.

The Sustainability Committee stems from and reports to the Corporate Practices Committee of the Board of Directors.



SUSTAINABILITY MANAGEMENT

[102-19, 102-20, 102-31, 102-32, 102-33, 103-2]

We have a Sustainability Policy in place, which is founded on a culture of ethics and good corporate governance, sustained by three pillars: economic, social, and environmental.

IEnova is a signatory of the UN Global Compact. Additionally, we received the ESR responsible company award granted by the Mexican Philanthropy Center, Cemefi, for the fourth consecutive year.

SUSTAINABILITY MANAGEMENT STRUCTURE



The IEnova Sustainability Policy, in Spanish, is available to view and download at:
<http://www.ienova.com.mx/politicas.php>

ENVIRONMENTAL ECONOMIC

- Environmental culture
 - Comprehensive management of waste and emissions
 - Biodiversity
 - Clean and efficient energy

- Maximizing shareholder value
- Ensuring the integrity of our assets
- Operational availability and reliability
- Using resources efficiently
- Customer satisfaction
- Comprehensive risk management

PILLARS FOR ACTION

SOCIAL

- Health and safety
- Comprehensive professional and personal growth
- Diversity and inclusion
- Economic and community development
- Social management

[102-19, 102-20, 102-31, 102-32, 102-46, 103-2]

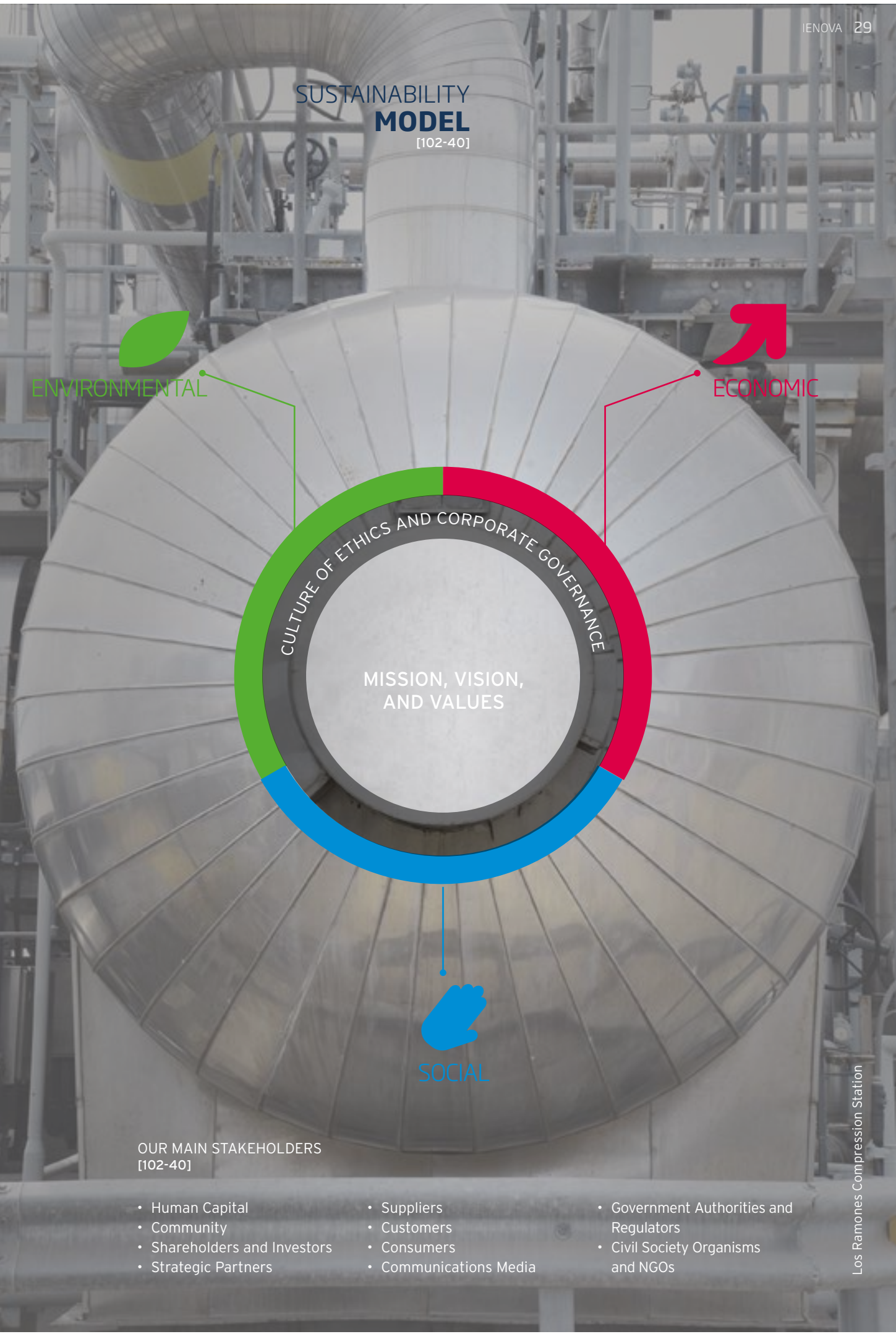
Aligned with best international practices, the Policy establishes the need to assess IEnova’s sustainability efforts every three years. In 2017 we complied with this requirement. The goal is to identify the main strengths and areas for improvement, as well as reinforce IEnova’s sustainability strategy with a mid-to-long-term vision.

The sustainability assessment includes a review of the company’s strategy and of documents on best international sustainability practices. In addition, we interviewed members of the Sustainability Committee and other key players within the company and conducted an online survey that was answered by 58% of employees.

The results of the evaluation show that we have made good progress over the past three years in terms of sustainability, particularly when considering the fast pace at which IEnova has grown over that same period. The survey also indicates that employees at all levels feel that considerable progress has been made in all three pillars, with the majority placing a high value on sustainability and the role it plays in IEnova’s long-term success.

The success of the efforts of the past three years are evidenced by the fact that IEnova has consistently improved its score in the three aspects measured by the Sustainability Index—social, environmental, and corporate governance—and has been ranked among the top companies.

It is important to mention that in 2017 we began implementing a corporate Social Management System that allows us to coordinate and monitor our engagement efforts in the communities to which we belong. We developed a Manual for the Social Management System that guides the ways in which we can establish positive relationships with everyone we come in contact with from the moment we start planning a project, during construction and the beginning of operations, and until conclusion. The manual describes seven basic procedures, including the guidelines for carrying out a feasibility and social impact assessment and the Grievance Mechanism (MAC for its acronym in Spanish). Through MAC, the communities can communicate their concerns or suggestions directly at the construction site, by email, or by calling a toll-free number. All communications are processed and allocated to the corresponding division within the company, and a response must be given within a specific time frame.



STAKEHOLDERS
[102-40, 102-43, 102-46]

We have several communication channels in place that help us establish good relationships with our stakeholders and understand which issues are most relevant to them and what their priorities are.

COMMUNICATION CHANNELS	1 HUMAN CAPITAL	2 SHAREHOLDERS AND INVESTORS	3 CUSTOMERS AND CONSUMERS	4 SUPPLIERS	5 GOVERNMENT AUTHORITIES AND REGULATORS	6 COMMUNITY	7 COMMUNICATIONS MEDIA	8 CIVIL ORGANIZATIONS AND NGOs	9 STRATEGIC PARTNERS
Live meetings	+	+	+	+	+	+	+	+	+
Work environment surveys	■								
Reporting channels/ helpline	●	●	●	●	●	●	●	●	●
Shareholders Meeting		■							
Customer satisfaction surveys			■						
Addressing internal and external inquiries	+	+	+	+	+	+	+	+	+
Website	●	●	●	●	●	●	●	●	●
Intranet	●								
Sustainability Report	■	■	■	■	■	■	■	■	■
Annual Report to the Mexican Stock Exchange	■	■	■	■	■	■	■	■	■
Quarterly financial report	▲	▲	▲	▲	▲	▲	▲	▲	▲
Internal newsletters	+								
Issuing relevant events	+	+	+	+	+	+	+	+	+
Review of the collective bargaining contract	■				■				
Surveys	+		■			+			
Guided visits to industrial facilities	+	+	+	+	+	+	+	+	+
Fundación IEnova	+	+			+	+	+	+	+
Grievance Mechanism (MAC)						●		●	

● PERMANENT ■ ANNUAL ▲ QUARTERLY + AS REQUIRED

The frequency of our contact with our stakeholders depends on the characteristics of each individual case. The measures we implement to address their expectations and strengthen our relationships with them depend on their needs.

EXPECTATIONS

CURRENT RESPONSE
MEASURES
[102-40, 102-44]

HUMAN CAPITAL

Training and development, education, remuneration, quality of life at the workplace.

- Participate in the Great Place to Work Institute’s work environment survey.
- Offer the Certification in the IEnova Leadership Standard for new employees under the online platform known as *Mi Desarrollo* (My Development).
- Continue with employee programs focused on technical training and competencies development.
- Continue annual reviews of the benefits package and ensure it continues to be at competitive levels for the industry.

SHAREHOLDERS AND INVESTORS

Growth, profitability, development, sustainability

- Continue to be listed in the IPC and Sustainability Indexes of the Mexican Stock Exchange.
- Manage information constantly through our Investor Relations division.

CUSTOMERS AND CONSUMERS

High-quality service, safety, prices

- Continue to conduct annual customer satisfaction surveys for the Pipelines and Distribution operating units.
- Obtain a score above 90% in these surveys.

SUPPLIERS

Development, commercial conditions, long-term relationships

- Perform surveys among key IEnova suppliers on essential sustainability criteria requirements.
- Communicate to key suppliers the sustainability requirements established in the Procurement Policy and distribute the Sustainability Report.

GOVERNMENT AUTHORITIES
AND REGULATORS

Compliance with the law and regulations, development, sustainability

- Ensure that all operating assets are either certified, or in the process of being certified, under ASEA’s or SEMARNAT’s Environmental Quality or Clean Industry standards.
- Comply rigorously with all regulations applicable to our operating assets and our projects under construction.
- Participate in business-related associations.

COMMUNITY

Safety and social development

- Have social investment programs in place to benefit the communities to which we belong.
- Strengthen the corporate volunteers program.
- Ensure safe operations.
- Respect traditions of indigenous populations.
- Operate Fundación IEnova.
- Operate the Social Management System.

COMMUNICATIONS MEDIA

Timely information

- Offer updated information through different channels.

CIVIL ORGANIZATIONS AND NGOS

Development, sustainability, regulatory compliance

- Respect traditions of indigenous populations.
- Maintain efficient operations of the company’s current Trusts.
- Operate Fundación IEnova.
- Operate the Social Management System.
- Ensure regulatory compliance at every IEnova operation.

STRATEGIC PARTNERS

Growth, sustainability, operating efficiency

- Promote and comply with best corporate governance practices.



MATERIALITY

[102-46, 102-47, 102-48, 102-51, 103-1, 103-3]

In 2017, in order to update our materiality assessment we interviewed ten IEnova executives who are involved not only in managing the company, but also with the sustainability strategy.

In order to include the point of view of our stakeholders in the evaluation, we conducted satisfaction surveys among our natural gas Distribution and Pipelines customers. Furthermore, for the fourth consecutive year we asked employees to answer the Great Place to Work (GPTW) questionnaire that assesses the work environment in Mexico. Results for both efforts were very positive.

Satisfaction levels were high in both customer surveys, with a score of 9.1 points for Distribution and 9.3 in Pipelines. The GPTW questionnaire showed employee satisfaction levels are above last year’s measurement. Based on these results, we were able to maintain the GPTW certification and were once again ranked among the top 100 companies to work for in Mexico.

Media coverage on IEnova was mostly positive, with the majority of stories reflecting the company’s financial and operating results in a good light.

All these efforts confirmed that the issues we have identified as material over prior years continue to be relevant, with some variations in degree. These variations are reflected on the updated materiality matrix.

Material aspects have been classified in their corresponding Economic, Social, Environmental or Governance pillar, thus ensuring that our sustainability model is aligned with IEnova’s strategy.

MATERIALITY MATRIX [102-47]



ECONOMIC

- 1. Customer experience and satisfaction
- 2. Product and service quality
- 3. Operating new businesses
- 4. Business strategy
- 5. Managing safety at operations
- 6. Developing the supply chain
- 7. Job creation
- 8. Brand value and recognition
- 9. Strengthening commercial relationships
- 10. Performance in the Stock Market

SOCIAL

- 11. Employee health and safety
- 12. Training and development
- 13. Efficient communications with customers and suppliers
- 14. Social commitment to communities
- 15. Grievance Mechanism
- 16. Media communications and presence
- 17. Labor standards (Human Capital)
- 18. Stronger internal communications mechanisms

ENVIRONMENTAL

- 19. Environmental management system
- 20. Operations and environment
- 21. Natural resources management strategy
- 22. Waste management strategy
- 23. Biodiversity (flora and fauna)
- 24. Certifications

GOVERNANCE

- 25. Laws and regulations
- 26. Corporate ethics and transparency
- 27. Comprehensive risk management system

Topics that are a priority for stakeholders, with ≥ 70% relevance. In the content of the Report we describe the actions we have implemented to address them.

WE CREATE
VALUE



930
IENOVA
EMPLOYEES



37,542
TRAINING
HOURS
+62% VS. 2016



3,391 KM*
OF NATURAL
GAS, LPG, AND
ETHANE PIPELINES



**USD\$8.2
MILLION****
INVESTMENTS
IN COMMUNITY,
ENVIRONMENT, SAFETY,
HEALTH, AND COMPLIANCE

USD\$7.6
BILLION APPROXIMATELY,
TOTAL INVESTMENT AS OF 2017

+6%
MORE EMPLOYEES
THAN IN 2016

100%
OF EMPLOYEES
RECEIVE AN ANNUAL
PERFORMANCE
EVALUATION

3,852 KM
OF PIPELINES TO
DISTRIBUTE
NATURAL GAS

+120,000
CUSTOMERS

1,391 MW***
CAPACITY TO
GENERATE
ELECTRICITY

- * Includes 100% of kilometers of pipelines in operation, under construction, and in joint ventures.
- ** Includes Fundación IEnova's annual budget and social investments made by the following Trusts: Ensenada, Sonora, Ojinaga-El Encino, San Isidro-Samalayuca, as well as by the Ethane Pipeline, Energía Sierra Juárez, and the marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz.
- *** Includes the capacity for generating electricity of the assets in operation as well as projects under construction and development.

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RISK
MANAGEMENT

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CORPORATE
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CORPORATE
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2017 PROGRESS
AND 2018
CHALLENGES

RISK MANAGEMENT AND **CORPORATE GOVERNANCE**

WE OPERATE IN ADHERENCE
TO BEST CORPORATE
GOVERNANCE PRACTICES



RISK MANAGEMENT

[102-11, 102-15, 102-29, 102-31, 103-2]

Risk management at IEnova is headed by the Chief Financial Officer, to whom the Risk Manager reports. The Risk Manager has two main responsibilities:

- Promote awareness about potential risks the company faces.
- Monitor consistently all activities deemed dangerous.

Risk management is focused on:

- Identifying new risks that could affect the business.
- Implementing mitigation plans to ensure the company's safety and integrity.
- Reducing negative effects, if any.

The Risk Manager reports quarterly to the Risks Committee on achievements and the most relevant findings.

The Risks Committee establishes the guidelines for managing the Risk Management System and determines the functions, responsibilities, processes, policies, and guidelines needed to carry out this task. It also makes an annual review of the Risk Management Policy and reports to the Board of Directors, which advises top management on the measures that need to be implemented to mitigate identified risks.

This structure is based on the principles of independence, risk culture, defining the risk appetite, transparency and continuous improvement. All our operations are subject to strict regulations that we comply with rigorously. In addition, in adherence to what has been established by the corresponding authorities, we have insurance policies that protect the totality of our assets and construction projects and offer coverage on goods, civil responsibility, interruptions in operations, terrorist acts and sabotage, and environmental responsibility, among others.



RISK
CATEGORIES AND
DESCRIPTION
[102-11, 102-15, 102-29, 102-31]

IEnova divides potential risks into four categories:

STRATEGIC	Risks derived from decisions and strategy
	Risks related with the locations in which we operate and mergers and acquisitions
	Potential capital risks
	Integration risks
	Risks derived from our ability to offer adequate products and services to our customers
FINANCIAL AND REPORTING	Risks associated with the financial situation
	Risks related with Treasury
	Risks associated with financial flows
	Risks associated with internal and external financial reports
OPERATING	Risks of losses due to operating errors
	Risks caused by human error
	Risks due to inefficient or badly designed processes
	Risk of a system failure
	Risks of incorrect behavior (including criminal activities)
COMPLIANCE	Risks derived from violations or non-compliance with the laws, norms, regulations, and internal practices that affect the reputation or value of the company
	Risk of having to pay fines
	Risk of having to pay damages
	Risk from the nullification of contracts
	Environmental and social risks



Energía Costa Azul

CORPORATE
ETHICS
[102-25, 102-16,
102-17, 205-1, 205-2]

The IEnova ethics and values framework establishes the guidelines for the behavior we expect from our Board members, employees, and suppliers. Additionally, we have a Corporate Ethics Division in charge of:

- 

COMMUNICATING
CORPORATE ETHICS AND
ANTICORRUPTION ISSUES
- 

FOLLOWING-UP
ON THE CORPORATE ETHICS
WORK PLAN
- 

OFFERING
EMPLOYEES A PLACE WHERE THEY CAN
MAKE THEIR COMPLAINTS AND BE CERTAIN
THAT THOSE COMPLAINTS WILL BE
ADDRESSED WITHOUT REPRISAL
- 

TRAINING
ON THESE ISSUES
- 

CONTRIBUTING
TO MAKING IENOVA A
LEADING COMPANY ON
CORPORATE ETHICS ISSUES

We comply with all applicable national and foreign anti-corruption and anti-bribery laws, including the Mexican Federal Anti-Corruption Law in Public Hiring (*Ley Federal Anticorrupción en Contrataciones Públicas*), the Foreign Corrupt Practices Act (FCPA), and the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions.

[102-16, 102-17]
The Code of Ethics includes 23 integrity standards that all employees must read, sign, and comply with. The Code is available to view and download at:

<http://www.ienova.com.mx/politicas.php>

We offer all our employees the following reporting channels 24/7:

IEnova Contigo Helpline	01-800-062-2107
Confidential e-mail	IEnova@lineadedenuncia.com
IEnova website	https://www.lineadedenuncia.com/ienova/
Sempre Energy Ethics and Compliance Helpline	01800-241-5689
Sempre Energy website	https://iwf.tnwgrc.com/Sempre

Based on our zero tolerance policy for ethics breaches, we ensure the confidentiality and impartiality of our IEnova Contigo helpline, which is managed by a third-party. During 2017, there were 21 cases that were addressed and resolved in a timely manner, based on our policies. Resulting from the investigation of reports received, we terminated the working relationship of one employee for violations to the Code of Ethics.

Furthermore, we require all suppliers to be familiar with and sign the Guidelines for Supplier Behavior that address issues such as compliance with applicable laws and regulations, business gifts and presents, use of IEnova assets, protection of the environment, sustainability, health and safety, the confidentiality and protection of all information, and conflicts of interest.

Pursuant to our goal of being a leading company in both national and international discussions on anti-corruption and corporate ethics issues, we have coordinated on three occasions the *Escuela Libre de Derecho's* postgraduate courses on Government and Corporate Ethics, Anti-Corruption, and Prevention of Conflicts of Interest, with the participation of public officials, businessmen, lawyers, reporters, and members of the Mexican army. Also in collaboration with the *Escuela Libre de Derecho*, we organized the Forum on Corporate Ethics for the Energy Sector, which involved people in the public and private sectors.

In the international arena, we collaborated in organizing the Second Seminar to Fight Corruption in the Business Sector and Citizen Responsibilities with Respect to the New National Anti-corruption System, with the participation of members of the Selection Committee of the National Anti-Corruption System.

We also chair the Corporate Ethics and Anti-Corruption Commission of the American Chamber of Commerce, Mexico Chapter (AmCham) and the National Anti-Corruption Commission of the Mexican employers' confederation, Coparmex, where the priority is to communicate the responsibilities the business sector must undertake based on the New National Anti-Corruption System.

CORPORATE
GOVERNANCE

Our Corporate Governance practices comply with laws applicable to public companies listed on the Mexican Stock Exchange, with the regulations of the National Banking and Securities Commission (*Comisión Nacional Bancaria y de Valores*, CNBV), and with the recommendations of the Code for Best Corporate Practices established by the Entrepreneurial Coordinating Council (*Consejo Coordinador Empresarial*, CCE) in Mexico.

We are the first energy infrastructure company to be listed on the Mexican Stock Exchange and the only one included in its Sustainability Index, with scores above the national average in every category.

BOARD OF DIRECTORS

[102-18, 102-22, 102-23, 102-24, 102-25, 102-28, 405-1]

The IEnova Board of Directors includes eleven permanent members—including one woman and four independent directors—in accordance with the terms of the Mexican Securities Law (*Ley del Mercado de Valores*). Carlos Ruiz Sacristán serves as Chairman of the Board of Directors and CEO of IEnova.

All of the Directors have proven experience and an excellent reputation in different areas of expertise, including the energy sector, finances, foreign relations, public policy, and infrastructure. With their global view of the industry and the business environment, Board members review the business’s plans and performance, evaluate comprehensive risk management, approve succession plans, establish corporate governance guidelines, and analyze progress in sustainability.

The Board of Directors includes the following members:

Carlos Ruiz Sacristán	Chairman
Jeffrey S. Davidow	Independent Director
Aarón Dychter Poltolarek	Independent Director
Alberto Mulás Alonso	Independent Director
José Julián Sidaoui Dib	Independent Director
Joseph A. Householder	Director
Faisel Hussain Kahn	Director
Martha B. Wyrsh	Director
Dennis V. Arriola	Director
Kevin C. Sagara	Director
Peter Ronan Wall	Director
Rodrigo Cortina Cortina	Secretary, not a member of the Board

As established by the General Shareholders Meeting held on April 27, 2018.





IEnova Corporate Headquarters

CORPORATE PRACTICES COMMITTEE
[102-18, 102-22, 102-28, 102-32]

The Corporate Practices Committee assists the Board in preparing the reports on the financial and accounting guidelines and the reports for the Annual Shareholders Meeting; advises the Board of Directors on the appointment of the Chief Executive Officer and other senior management and in defining their responsibilities and remunerations; requests the opinions and recommendations of independent experts; provides its opinion regarding transactions with related parties; and convenes meetings of the shareholders.

80% of this Committee are independent directors.

Jeffrey S. Davidow	Chairman*
Aarón Dychter Poltolarek	Director*
Joseph A. Householder	Director
Alberto Mulás Alonso	Director*
José Julián Sidaoui Dib	Director*

* Independent Director in accordance with the terms of the Mexican Securities Law.

Among other functions, the Corporate Practices Committee is responsible for conducting an annual review of the performance of the Board of Directors and for making the necessary decisions to ensure that IEnova continues to be listed in the Sustainability Index of the Mexican Stock Exchange. To this end, the Sustainability Committee reports quarterly to the Corporate Practices Committee, which subsequently informs the Board of Directors about the activities and results on sustainability issues.



80%
OF THE COMMITTEE
ARE INDEPENDENT
DIRECTORS

AUDIT COMMITTEE

[102-18, 102-22, 102-25, 102-28]

The Audit Committee reports on internal controls and recommendations; informs on irregularities; oversees the work of the external auditors and analyzes their reports and the financial statements of the company; assists the Board in preparing the reports on operations and activities; receives and analyzes the proposals and comments made by shareholders, Board members, key executives, external auditors, or third parties; convenes shareholders meetings; and supervises transactions with related parties to ensure they comply with the law.

The Committee includes all the independent members of the Board.

Aarón Dychter Poltolarek	Chairman*
Jeffrey S. Davidow	Director*
Alberto Mulás Alonso	Director*
José Julián Sidaoui Dib	Director*

* Independent Director in accordance with the terms of the Mexican Securities Law.

ETHICS COMMITTEE

[102-17, 102-57]

We also have an Ethics Committee, in which the following senior executives participate: Chief Development Officer, Chief Corporate Affairs & HR Officer, Chief Financial Officer, Director of Corporate Ethics, Manager for Auditing, and the Chief Legal Counsel, who chairs the Committee. The Ethics Committee reports to the Audit Committee of the Board of Directors and reviews complaints of alleged violations to the Code of Ethics, conducts the necessary investigations, and determines a plan of action based on the findings, all within the following timeframe.

- Designation for investigation, 2 days.
- Investigation of the report and recommendations, 21 days. For cases that require more time, authorization of the Chairman of the Ethics Committee must be obtained.
- Authorization to close the case, and follow-up, maximum 15 days.

GOVERNMENT
RELATIONS

[102-13]

IEnova is subject to the regulation and supervision of several government institutions including the Mexican Ministry of Energy (SE), the Ministry of the Environment and Natural Resources (SEMARNAT), the Ministry of Labor (STPS), as well as the Energy Regulatory Commission (CRE), the National Agency for Industrial and Environment Protection in the Hydrocarbons Sector (ASEA), and the National Center for the Control of Energy (CENACE). We strictly adhere to all norms, laws, and regulations applicable to our operation and we maintain a good, open, and transparent relationship with government bodies.

As members of the energy sector, we participate in the following Associations and Chambers:

- American Chamber of Commerce, México (AMCHAM)
- Asociación Mexicana de Energía Eólica (AMDEE)
- Asociación Mexicana de Energía Solar Fotovoltaica (ASOLMEX)
- Asociación Mexicana de Gas Natural (AMGN)
- Asociación Nacional de Abogados de Empresa, Colegio de Abogados (ANADE)
- Asociación Mexicana en Dirección de Recursos Humanos (AMEDIRH)
- Barra Mexicana de Abogados (BMA)
- Cámara Nacional de la Industria de la Transformación de Chihuahua, Gómez Palacio, Torreón, Ensenada y Mexicali (Canacintra)
- Colegio de Contadores Públicos de México
- Comisión de Promoción Económica de Ensenada (COPREEN)
- Comisión de Promoción Económica de Tecate (COPRETEC)
- Confederación Patronal de la República Mexicana (Coparmex) of Ensenada, Hermosillo, Mexicali and Mexico City
- Consejo de Desarrollo, Mexicali
- Instituto Mexicano de Auditores Internos (IMAI)
- Instituto Mexicano de Ejecutivos de Finanzas (IMEF)
- World Energy Council, Mexico Chapter

Throughout the year we either obtained or maintained important certifications and awards:

Sustainability Index of the Mexican Stock Exchange	IEnova
Great Place to Work (GPTW)	
Socially Responsible Company (ESR) Award	
MSCI World Index	
ISO 9001	ECOGAS Chihuahua ECOGAS Mexicali ECOGAS La Laguna-Durango
ISO 9001, ISO 14001, and OHSAS 18001	Energía Sierra Juárez (ESJ) Termoeléctrica de Mexicali (TDM) Rosarito Pipeline (GRO) Transportadora de Gas Natural (TGN) Naco Compression Station Aguaprieta Pipeline Aguaprieta Pipeline (construction)
ISO 9001, ISO 14001, ISO 22301-2012, and OHSAS 18001	Energía Costa Azul (ECA)
Responsible Family Company	Servicios Energía Costa Azul Servicios DGN de Chihuahua (Mexicali) Servicios DGN de Chihuahua (Torreón) Servicios DGN de Chihuahua (Chihuahua) Servicios Termoeléctrica de Mexicali
Safe Company Certificate, Program for Self-managing Health and Safety at the Workplace (PASST) of the Ministry of Labor and Social Welfare (STPS)	Rosarito Pipeline (GRO) - Level I Termoeléctrica de Mexicali (TDM) - Level I ECOGAS Chihuahua - Level II Energía Costa Azul (ECA) - Level II Naco Compression Station - Level II ECOGAS La Laguna-Durango - Level III ECOGAS Mexicali - Level III Transportadora de Gas Natural (TGN) - Level III
Clean Industry or Environmental Quality certifications issued by SEMARNAT or ASEA	Rosarito Pipeline (GRO) Transportadora de Gas de Baja California (TGN) Naco Compression Station ECOGAS Mexicali Termoeléctrica de Mexicali TDF LPG Transportation System Transportadora del Norte (TDN)

Latin Finance magazine granted IEnova two important recognitions: the first for the most successful follow-on offering in 2016, and the second for the acquisition of the Ventika wind farm, ranked as the best transaction in 2016.

IEnova was ranked 9th in the first Corporate Integrity assessment of the 500 most important companies in Mexico done by Expansion magazine and the Mexicans Against Corruption and Impunity organism.



IEnova Corporate Headquarters

BOARD OF
DIRECTORS

Carlos Ruiz Sacristán
Chairman



Jeffrey S. Davidow
Independent Director



Aarón Dychter Poltolarek
Independent Director



Alberto Mulás Alonso
Independent Director



José Julián Sidaoui Dib
Independent Director



Joseph A. Householder
Director



Faisel Hussain Kahn
Director



Martha B. Wyrsh
Director



Dennis V. Arriola
Director



Kevin C. Sagara
Director



Peter Ronan Wall
Director



SENIOR MANAGEMENT



Manuela Molina Peralta
Chief Financial Officer



Tania Ortiz Mena
López Negrete
**Chief Development
Officer**



René Buentello Carbonell
Chief Legal Counsel



Arturo Infanzón Favela
**Chief Mergers
& Acquisitions and
Planning Officer**

Juan Rodríguez Castañeda
**Chief Corporate
Affairs & Human
Resources Officer**



Jesús Córdoba Domínguez
**Chief Engineering &
Construction Officer**



Carlos Barajas Sandoval
**Chief
Operating
Officer**



Roberto Rubio Macías
**Vice President
Controller**



Gerardo de Santiago Tona
**Senior Vice President
Strategic Planning**



Juancho Eekhout
**Vice President
Development**



Jorge Molina Casellas
**Vice President
Commercial**



2017 PROGRESS AND
2018 CHALLENGES
[102-44, 102-46, 102-48]

Throughout 2017 we carried out several efforts in order to meet our challenges on the three pillars of the IEnova sustainability strategy and to address those issues that are most relevant to our stakeholders. Here is a summary of the progress we have made and the new challenges we have set for 2018.

- ★ REACHED
- 🔄 IN PROGRESS 2018
- + NEW 2018 CHALLENGE

2017 PROGRESS

2018 CHALLENGES

RISK
MANAGEMENT

- ★ Strengthen the IEnova risk culture by complying with the guidelines established in our Risk Management policy.

CORPORATE
ETHICS

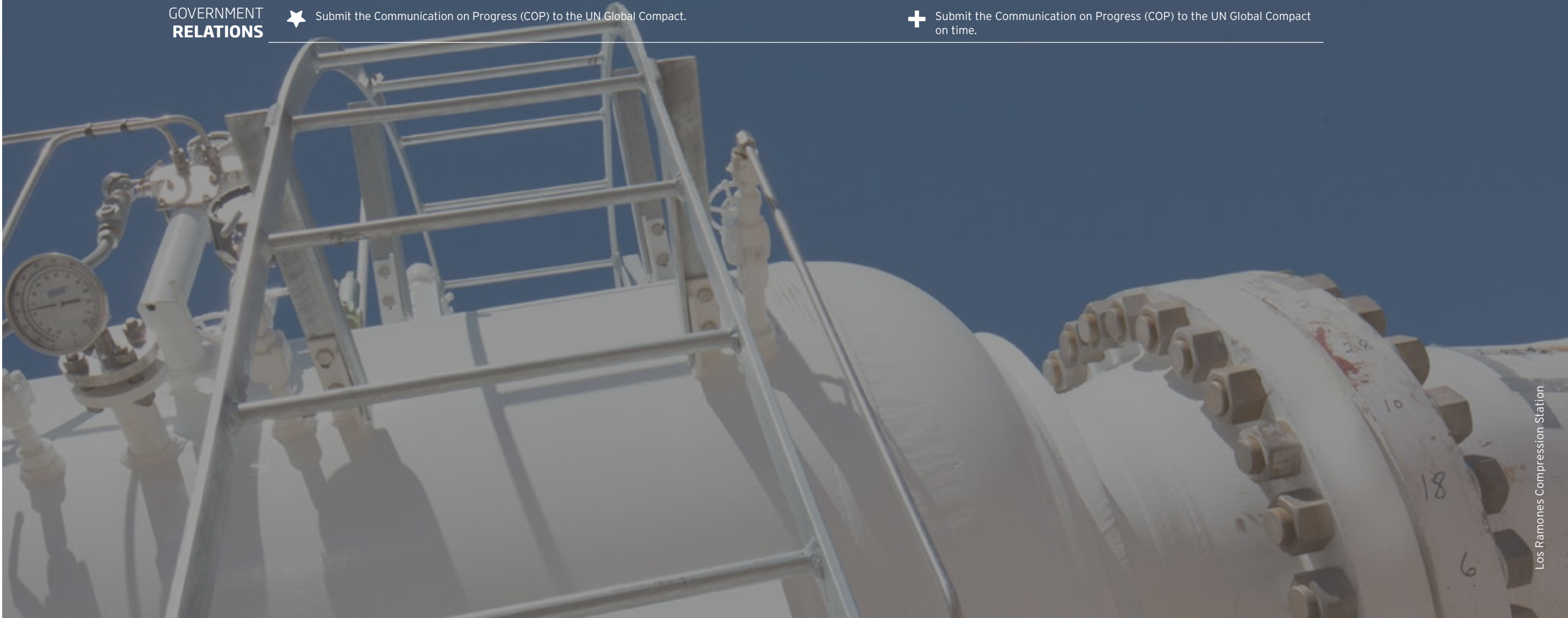
- ★ Train suppliers in corporate ethics issues by participating in the IEnova and its Suppliers Working Together in Favor of Sustainability in the Supply Chain event.
- ★ Prepare the Manual on the new National Anti-Corruption System in Mexico.
- ★ Train those groups of employees who interact with public officials.

- + Review the Code of Ethics and policies to update them based on the National Anti-Corruption System and the responsibilities of the business sector.
- + Train IEnova employees on issues related to: Code of Ethics, internal policies, anti-corruption, corporate ethics, FCPA, sexual and work-related harassment, conflicts of interest, 1-800 anonymous reporting helpline, and human rights.
- + Implement the I am Compliance campaign.

GOVERNMENT
RELATIONS

- ★ Submit the Communication on Progress (COP) to the UN Global Compact.

- + Submit the Communication on Progress (COP) to the UN Global Compact on time.



Los Ramones Compression Station



ECONOMIC PILLAR

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CORPORATE
STRUCTURE

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ECONOMIC
BENEFIT

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WE VALUE AND
SERVE OUR
CUSTOMERS

76

OPERATIONAL
INTEGRITY AND
RELIABILITY

79

GENERATED AND
DISTRIBUTED
ECONOMIC VALUE

80

2017 PROGRESS
AND 2018
CHALLENGES

We know
how
**to create
value for our
shareholders**
and make investments that
contribute to developing
the energy sector

We see new
opportunities in the
sector where we can
apply our successful
business model

CUMULATIVE INVESTMENT AS OF 2017

USD\$7.6

BILLION

At IEnova we have adapted to the needs of an energy sector that is in constant evolution. Based on our solid business model and sustainability principles, throughout the year we expanded the company's operating capacity to participate in new businesses with new clients. By executing a different kind and scale of projects, we expanded our geographic footprint and are now present in 16 Mexican states.

We continue to operate in the two key energy segments in which we have maintained a leadership position throughout our history: Gas and Electricity.

In the Gas Segment we offer pipeline and storage services for natural gas, LPG, and ethane as well as storage for liquefied natural gas and LPG, and distribution of natural gas. This year we will begin providing storage for refined products. In this business segment, we will build a marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz, in addition to two land terminals, one in the state of Puebla and the other in the vicinity of Mexico City.

In the Electricity segment we operate a natural-gas-fired combined-cycle plant and two wind farms. We have also begun the planning and construction processes for three new solar parks, in addition to the expansion of the Energía Sierra Juárez wind farm.

CORPORATE
STRUCTURE
[102-45]

IENOVA

• GAS SEGMENT



• Pipelines



• Storage



• Distribution

• ELECTRICITY SEGMENT



• Generation



Los Ramones Compression Station

ECONOMIC
BENEFIT

[102-6, 102-7, 102-9, 203-2]

This year we proved the success of our business model not only for generating growth in segments we have led for several years, but also for taking advantage of a wide range of new opportunities offered by the opening of the energy sector, with the resulting increase in private sector operators, suppliers, and customers.

In 2017, IEnova's cumulative investments reached USD\$7.6 billion, with positive financial results. These investments benefit multiple economic sectors, including those where we have commercial relationships, such as construction and steel industries, engineering and technological services, as well as suppliers of the goods and services we consume at all our operating sites.

We are also an excellent source of employment. During the year our workforce grew 6%, from 877 employees in 2016 to 930 at the end of 2017. We also generated 3,800 indirect jobs through the projects we were building.



USD\$1.075
BILLION
INVESTMENT IN 2017

SUSTAINABILITY



DEMAND FOR GOODS
AND SERVICES



VALUE
CHAIN

- Materials
- Technology
- Services



DEVELOPMENT
OF THE INDUSTRY

- Construction industry
- Steel industry
- Engineering services



JOB
CREATION



TAXES



PUBLIC
INVESTMENT



SOCIAL
WELLBEING

THE TOTAL VALUE OF
THE IENOVA ASSETS
GREW MORE THAN
USD\$1 BILLION, UP
FROM USD\$7.127
BILLION IN 2016 TO
USD\$8.164 BILLION AT
YEAR-END 2017*

PROFITABILITY

* Based on the Consolidated Financial Statements for the years ending on December 31st 2017, 2016, and 2015, and on the independent auditors' report dated March 1st 2018, included in the back of this report.

DISTRIBUTION OF THE
IENOVA SUPPLIERS

[102-9, 204-1]

At IEnova we prefer to source and buy goods from local suppliers and do so whenever circumstances allow. In 2017, 53% of our products were sourced from companies in the regions where our operations are located.



*Local refers to sourced in Mexico.



WE VALUE
AND SERVE
OUR
CUSTOMERS
[102-6]

Given that offering customers excellent service is a top priority for us, we conduct annual satisfaction surveys among our natural gas Distribution and Pipelines customers. We also have a team specialized in customer service.

BUSINESS
SEGMENTS

GAS SEGMENT			ELECTRICITY SEGMENT
ASSETS	PIPELINES	STORAGE	DISTRIBUTION
	RO SARITO PIPELINE (GRO) TRANSPORTADORA DE GAS NATURAL DE BAJA CALIFORNIA (TGN) SONORA PIPELINE (SÁSABE-GUAYMAS SEGMENT) SONORA PIPELINE (GUAYMAS-EL ORO SEGMENT) RAMAL EMPALME AGUAPRIETA PIPELINE (GAP) NACO COMPRESSION STATION LOS RAMONES I PIPELINE LOS RAMONES NORTE PIPELINE* TDF LPG TRANSPORTATION SYSTEM SAMALAYUCA PIPELINE OJINAGA- EL ENCINO PIPELINE SAN ISIDRO-SAMALAYUCA PIPELINE SAN FERNANDO PIPELINE ETHANE PIPELINE	NATURAL GAS STORAGE AND REGASIFICATION TERMINAL, ENERGÍA COSTA AZUL (ECA) LPG TERMINAL IN GUADALAJARA GOLFO-CENTRO STORAGE TERMINALS	ECOGAS
CUSTOMERS			GENERATION
	PEMEX CFE GAS DISTRIBUTORS PRIVATE SECTOR THERMAL POWER PLANTS INDUSTRY	INDUSTRIES AND ELECTRIC POWER GENERATION PLANTS IN BAJA CALIFORNIA PEMEX VALERO ENERGY SHELL GAZPROM IENOVA MARKETING MÉXICO	TERMOELÉCTRICA DE MEXICALI ENERGÍA SIERRA JUÁREZ** VENTIKA EXPORTS TO THE CALIFORNIA MARKET IN THE US CEMEX FEMSA DEACERO FIAT-CHRYSLER ITESM

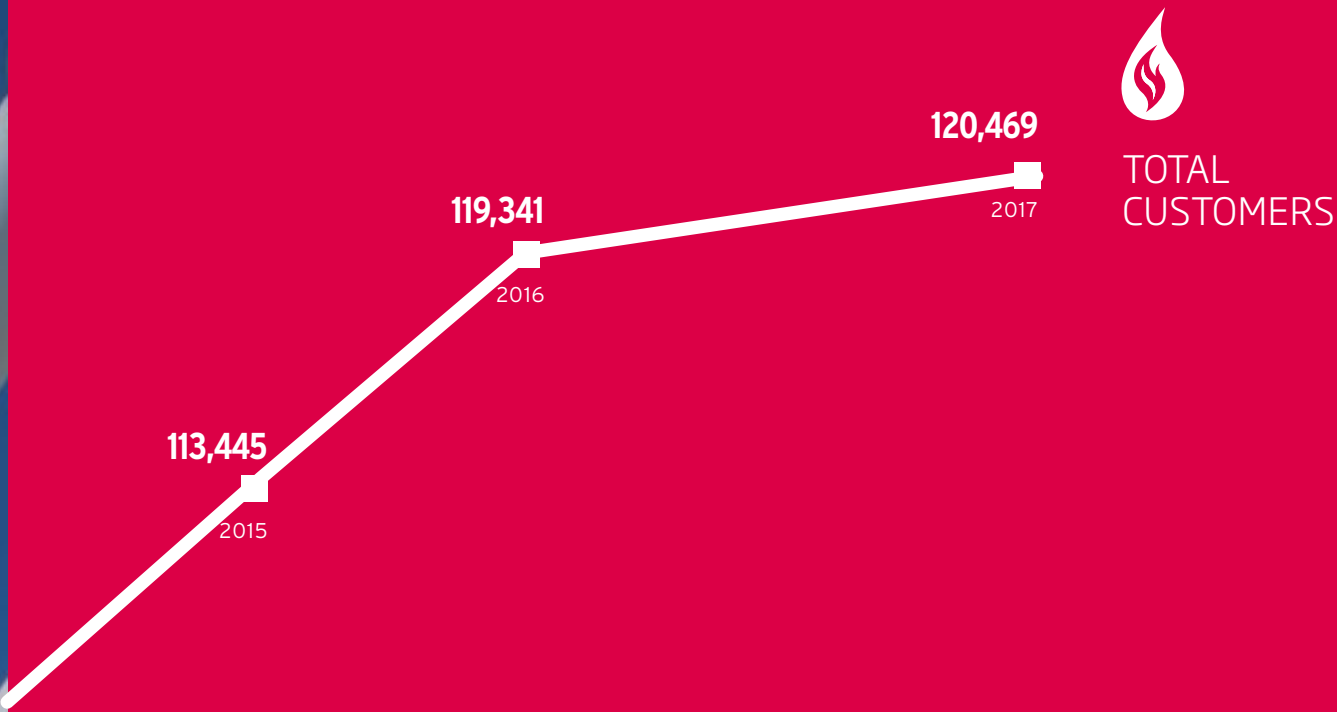
* Asset belonging to the joint venture with Pemex TRI and BlackRock, in which IEnova holds an indirect 50% stake.
** Asset belonging to the joint venture with InterGen, in which IEnova holds a 50% stake.

OFFERING
CUSTOMERS
EXCELLENT SERVICE
IS A TOP PRIORITY
FOR US



ECOGAS Torreón

Los Ramones Compression Station




TOTAL
CUSTOMERS

ECOGAS
CUSTOMERS

	RESIDENTIAL CUSTOMERS	SMALL BUSINESSES	LARGE AND INDUSTRIAL BUSINESSES
2017	117,363	2,821	285
2016	116,421	2,691	229
2015	110,686	2,544	215

QUALITY MANAGEMENT SYSTEM
[103-2, 416-2]

We employ the IEnova Quality-Control System in the seven cities where we offer natural gas distribution services through ECOGAS. Based on our steadfast commitment to offer our customers the highest quality products and services, we comply with the ISO 9001:2008 standards.

In the city of Chihuahua, we operate a call center that serves our ECOGAS customers. In 2017, we handled an average of 10,149 calls a month. The main reasons for the calls were to verify an appointment, request reinstatement of service or an extension on a payment past due, and to inform the company when a payment was made.

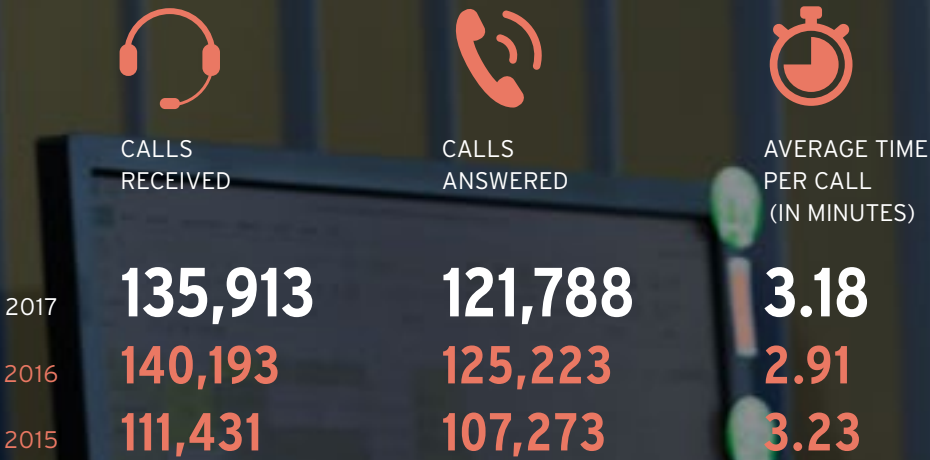
Aside from replying to routine calls in a maximum of ten days, the Customer Service division responds immediately to emergency calls, thus ensuring the safety of the community. After resolving an emergency, we always test our facilities to determine the integrity of the pipeline.

CUSTOMER SERVICE CONTROL SYSTEM
[103-2]

At the Mexicali, La Laguna-Durango, and Chihuahua locations we provide personalized-service counters where we helped 58,719 customers in 2017.

This year we established three strategic partnerships with external companies to increase the number of payment options we offer our customers, in addition to the choice they already have of using a debit or credit card to pay at check-out counters in some supermarkets and at ATMs. At year-end, ECOGAS customers had more than 3 thousand places available for them to make their payments. We also began to offer automatic payments.

In addition, we analyze statistical data in aspects such as waiting times, quality of service, and the number of customers served per day, so that we can continue to improve.



ECOGAS Torreón



CUSTOMER SATISFACTION

[102-43, 102-44, 103-2, 103-3]

In order to assess how our Distribution and Pipelines customers feel about us, we use the services of external specialty consulting firms to conduct satisfaction surveys.

The ECOGAS survey was done with a sample of our residential customers in the cities of Mexicali, Torreón, Gómez Palacio, and Chihuahua. In natural gas Pipelines, we surveyed all our customers.

In 2017, the score for Distribution was 9.1 out of 10 possible points, and in Pipelines it was 9.3. While these are certainly satisfactory results, we will continue to work on improving our service.

PROMOTION AND FIDELITY PROGRAMS

At ECOGAS we offer promotion and fidelity programs with the dual objective of keeping our current customers and of inviting others to hire us.

Given that we started offering the automatic payment service during the first half of the year, we gave a one-month discount to those customers who opted for this form of payment.

At the same time, we kept the *iPaga a tiempo y gana!* (Pay on Time and Win) program that rewards prompt payments, as well as the seasonal campaigns *Verano Gratis* (Free Summer), that offers a month of free-of-charge service to customers who recommend us to new housing developments, and the *Programa Invernal* (Winter Program) that offers incentives and rewards late in the year, when consumption levels are high. We also offer our support to customers who require a line of credit in order to split payments in two installments.

OPERATIONAL INTEGRITY AND RELIABILITY

[OG13]

The safety and integrity of our assets and daily operations play a key role in IEnova's work culture.

Integrity management of our assets is based on the strictest codes and standards in the industry. It is applied throughout the entire cycle, starting at the conceptual stage of a given project, and following on through construction, maintenance, operation, the work methodology, and offering service to the end consumer.

INTEGRITY MANAGEMENT PROGRAM

Our Integrity Management Program (IMP) complies with all norms and regulations in force in Mexico and the US and uses a specially-designed software that enables us to optimize our working methods, identify areas for improvement, and maintain strict control over every aspect required to ensure normal operations.

In Pipelines and Distribution, in the Gas Segment, we use the IMP in 100% of our natural gas pipelines. We carry out the following steps to ensure adequate operations:

- Draft annual risk-based integrity programs
- Select areas that require direct inspections
- Classify defects based on severity
- Select repair methods based on international standards
- Quantify risks continually with dynamic segmentation
- Monitor operating parameters in real time and permanently
- Monitor alarms constantly
- Address detected problems in a timely manner
- Offer continuous training to operators

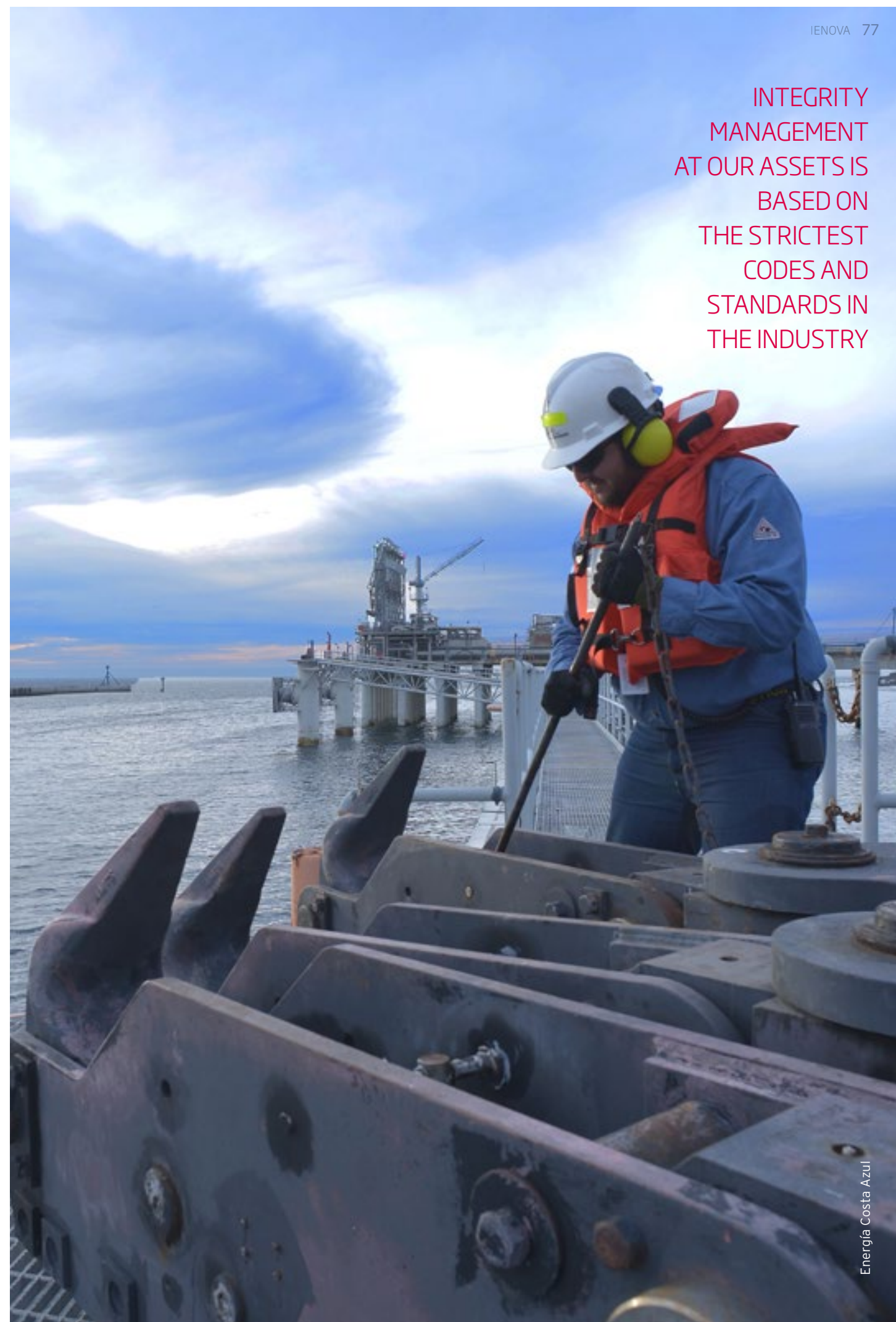
SCADA SYSTEM

The Supervisory Control and Data Acquisition (SCADA) system—which employs state-of-the-art technology—allows us to supervise, control, and collect the necessary data to monitor devices remotely and in real time, making it easier to provide feedback and to manage them.

We use SCADA or similar systems in different aspects of our operations, in both the Gas and Electricity segments:

- Natural gas pipelines
- Receiving and discharging liquefied natural gas
- Storing liquefied natural gas
- Regasifying natural gas
- Distributing natural gas
- Generating electric power

INTEGRITY
MANAGEMENT
AT OUR ASSETS IS
BASED ON
THE STRICTEST
CODES AND
STANDARDS IN
THE INDUSTRY



GENERATED AND
DISTRIBUTED
ECONOMIC
VALUE¹
[201-1]

At IEnova we generate value sustainably, contributing to the development of our own industry and to that of other sectors with which we interact.

FIGURES IN THOUSANDS OF USD\$	2015	2016	2017
ECONOMIC VALUE GENERATED			
A) Revenues	671,703	717,894	1,166,526
B) Interest Income	6,743	6,269	22,808
C) Income from Asset Sales	0	0	0
D) Direct Economic Value Generated (A+B+C)	678,446	724,163	1,189,334
ECONOMIC VALUE DISTRIBUTED (THOUSANDS OF USD\$)			
E) Operating Costs ²	390,810	342,543	480,255
F) Shareholders ³	170,000	140,000	200,000
G) Taxes and Duties Paid	62,557	95,025	115,013
H) Investments In Community, Environment, Safety, Health, and Compliance ⁴	5,434	5,086	8,195
I) Economic Value Distributed (E+F+G+H)	628,801	582,654	803,463
Economic Value Retained (D-I)	49,645	141,509	385,871

1. This table was drafted based on the Global Reporting Initiative guidelines.
2. Operating Costs excluding depreciation, includes employee salaries and benefits.
3. Only includes dividends paid.
4. Investments in the community includes the annual budget for Fundación IEnova and for the following Trusts: Ensenada, Sonora, Ojinaga-El Encino, San Isidro-Samalayuca, Ethane Pipeline, Energía Sierra Juárez, and the marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz.



ECONOMIC
PILLAR
2017 PROGRESS
AND 2018 CHALLENGES
[102-44, 102-48]

- ★ REACHED
- 🔄 IN PROGRESS 2018
- + NEW 2018 CHALLENGE

2017 PROGRESS

CUSTOMER
SATISFACTION

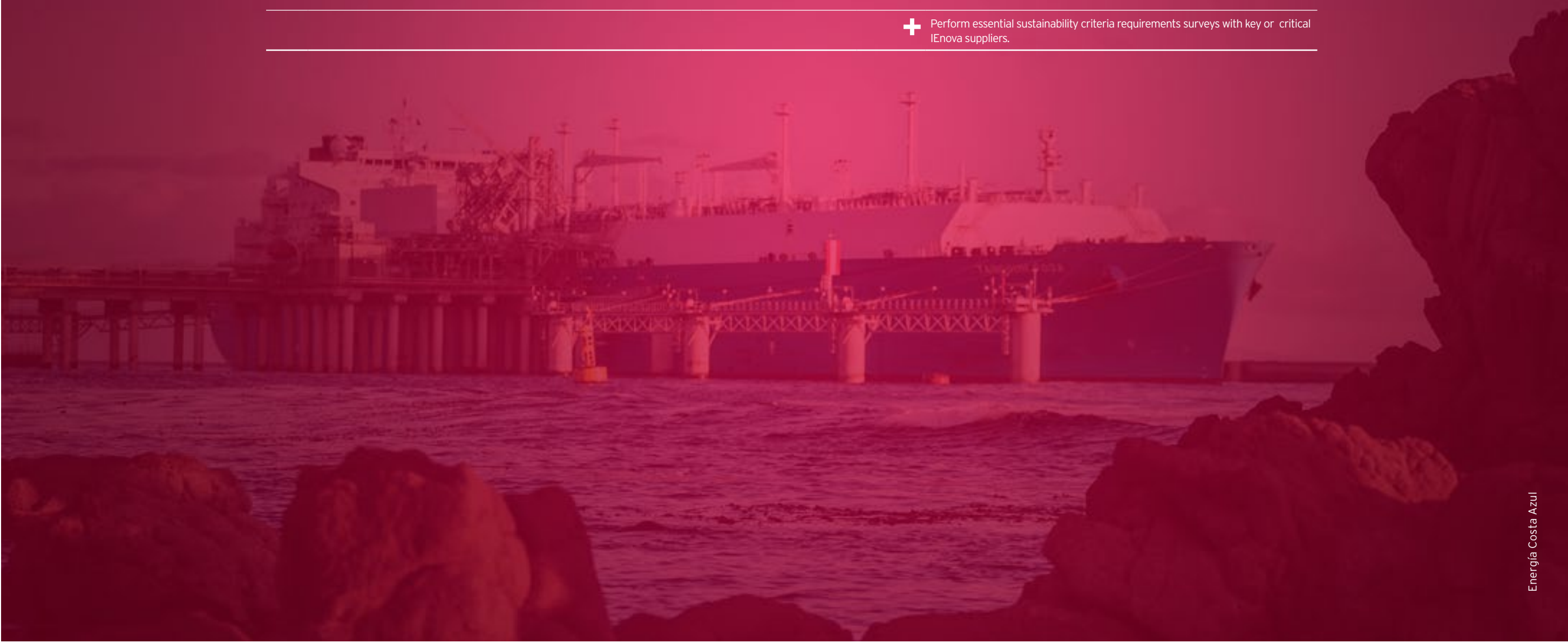
- ★ Maintain scores above 90 in the annual Distribution and Pipelines customer satisfaction survey.

SUPPLY
CHAIN

- ★ Reinforce with our key suppliers our communication efforts on the sustainability established in our Procurement Policy.
- ★ Carry out the first IEnova and its Suppliers Working Together in Favor of Sustainability in the Supply Chain event.

2018 CHALLENGES

- + Conduct annual customer satisfaction survey in Distribution (ECOGAS) with a minimum score of 91%.
Maintain a score in the annual Pipelines customer satisfaction survey of more than 90%.
- + Communicate electronically to our key suppliers the sustainability requirements established in our Procurement Policy.
- + Inform IEnova suppliers when the Sustainability Report is published.
- + Perform essential sustainability criteria requirements surveys with key or critical IEnova suppliers.





84
HUMAN
CAPITAL

104
HEALTH
AND SAFETY

116
SOCIAL
COMMITMENT

134
2017 PROGRESS
AND 2018
CHALLENGES

We know
how
**to promote the
development of
our employees
and communities**

Our culture
centers on the
professional
growth of our
employees and on
respect for our
communities

930
EMPLOYEES

HUMAN CAPITAL

[102-8, 103-1, 103-2, 401-1, 405-1]

Our employees are our most valuable asset. It is because of them that our Human Capital strategy—known as the IEnova Culture—includes a comprehensive description of the foundations that have allowed us to be a Great Place to Work over four consecutive years.

Aside from focusing on achieving the company's business results, we provide our employees with an optimal workplace where they can do their jobs in an environment based on wellbeing, respect, and trust. We manage our Human Capital based on a set of policies that establish how we are expected to behave within a framework of justice, equality, and inclusion.

IENTOVA CULTURE



ETHICAL



RESPECTFUL



HIGH-PERFORMING



**FORWARD
LOOKING**



**RESPONSIBLE
PARTNER**

GREAT
PLACE
TO
WORK®

4

CONSECUTIVE
ANNUAL
CERTIFICATIONS

ENGAGE, DEVELOP,
AND RETAIN THE BEST TALENT



**WORK
ENVIRONMENT**



**ATTRACT AND
DEVELOP
TALENT**

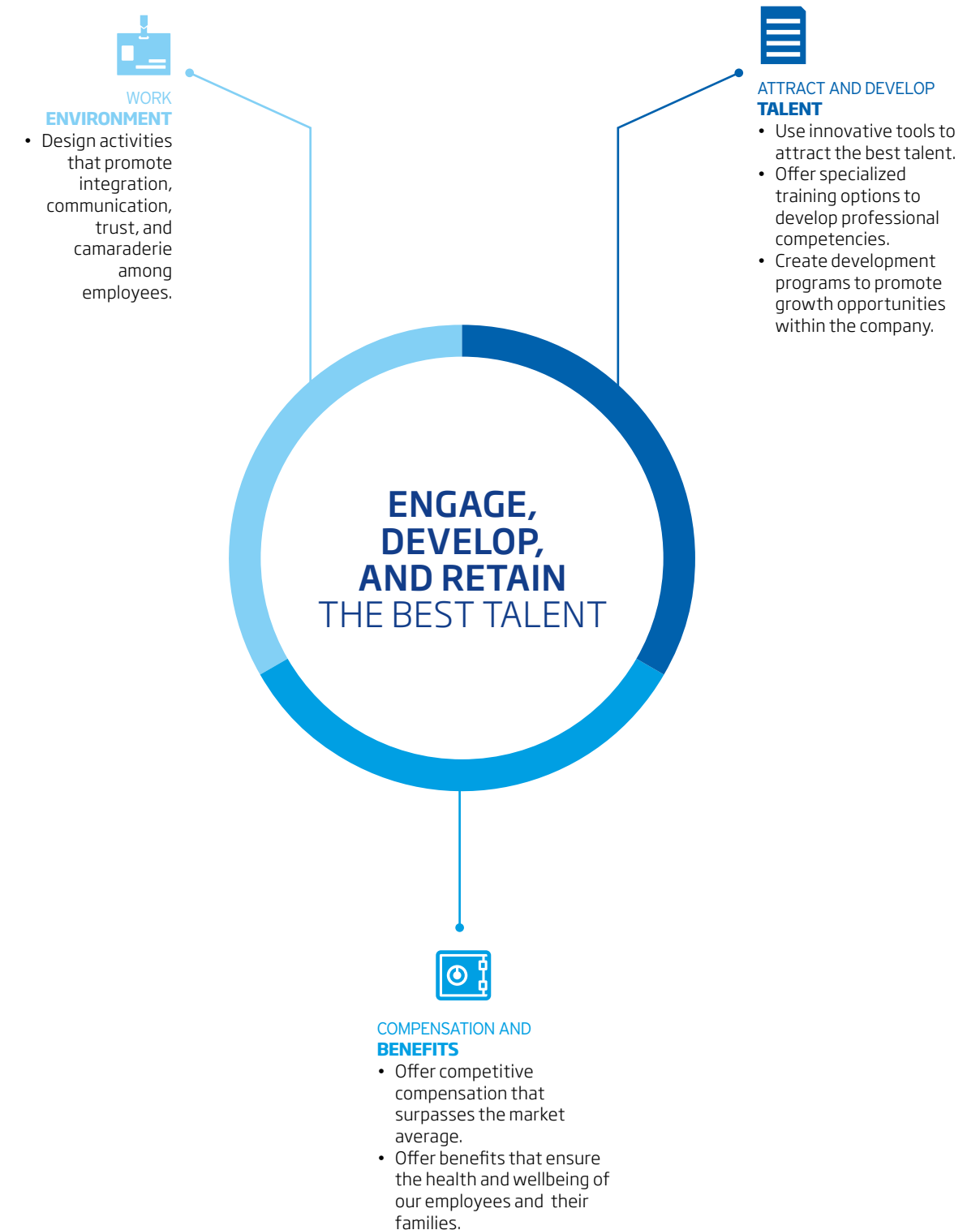


**COMPENSATION AND
BENEFITS**

WORK ENVIRONMENT: WELLBEING, RESPECT, AND TRUST

We endorse our organizational culture by making our values—ethical, respectful, high-performing, forward-looking, and responsible partner—part of our way of life and of the way in which we interact with each other.

With this vision in mind, we designed a strategy founded on three fundamental pillars:



[102-8]

All of this enables us to attract, develop, and retain the best talent within the company and ensure the continued success of IEnova.

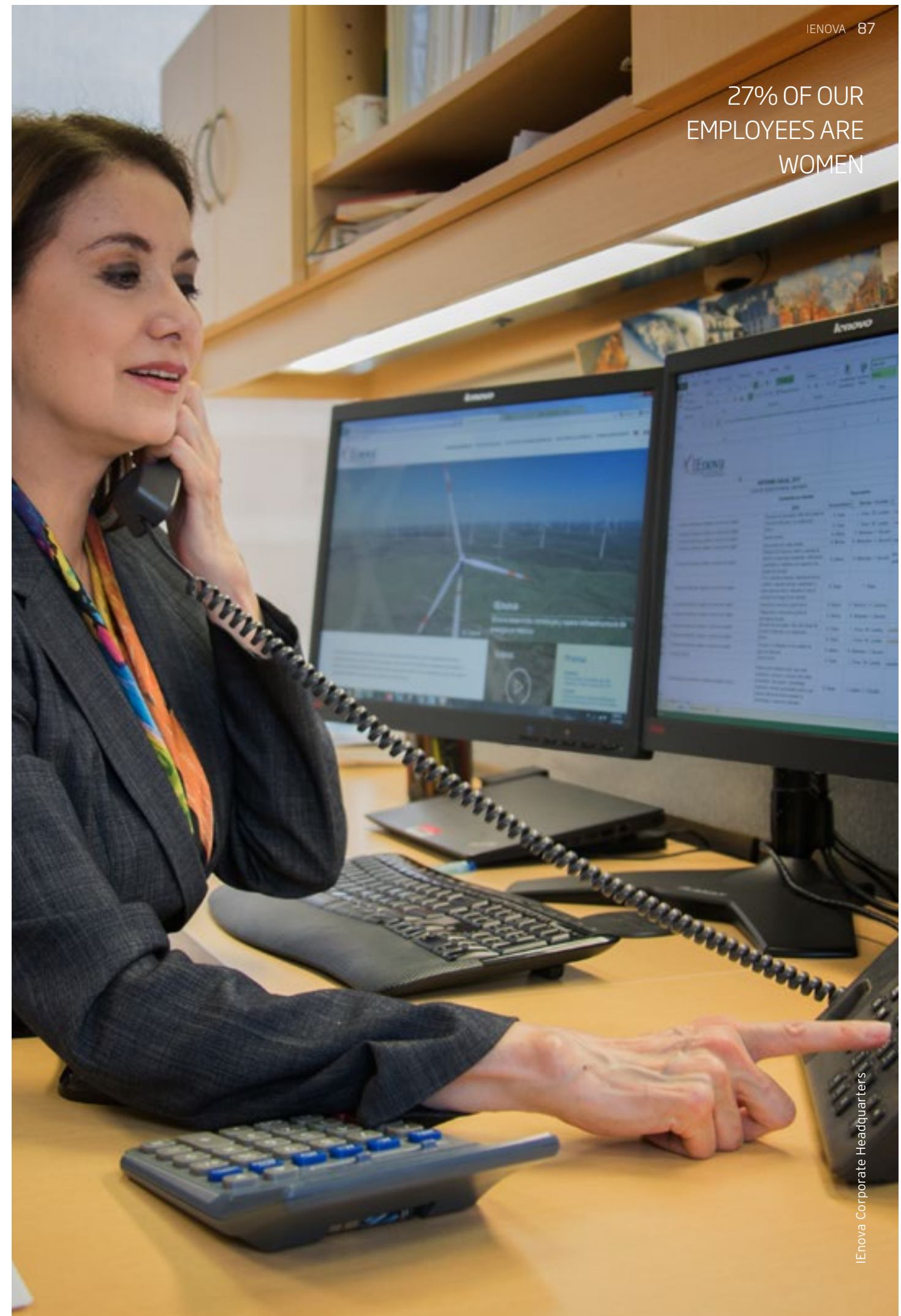
We offer our employees—who are the key to our success—the opportunity to grow both personally and professionally in an extraordinary work environment. We provide the tools and training our employees require to perform their jobs and to work on both their competencies and on the areas that need improvement. In 2017, the number of employees grew 6%, up from 877 to 930 employees, with a 13% voluntary turnover rate. For the fourth consecutive year we improved our position in the Great Place to Work Institute's ranking, based on the results of the employee satisfaction survey. We continue to be ranked among the top-100 companies to work for in Mexico and have also obtained recognition for our efforts in diversity and inclusion.

Based on the results of the employee satisfaction survey, we designed two different training programs. The Influencer program is geared toward employees with proven leadership capabilities; the Personal Journey program strives to help employees improve in areas showing room for growth.

Additionally, in 2017 we took part in the Engagement survey Sempra Energy conducts every two years with employees of all its companies located in the US and in other countries. IEnova's scores have continually improved over the course of the past four surveys, ranking in the top-tier in 8 of the 14 categories the survey addresses, which makes us very proud.

In the employee selection process, we favor capabilities such as leadership, camaraderie, the ability to adapt to change, enthusiasm, and a thirst for knowledge. We value diversity as a quality that fosters innovative ideas. We make no distinctions for age, gender, sexual orientation, political affiliation, or religious beliefs. To date, 27% of our employees are women, and 62% of our workforce are younger than 42 years old. These young people benefit every day from the vast experience and know-how of a management team with extensive experience in the energy industry. The vast majority of our employees are Mexican; whenever circumstances allow, we hire people who live in the same region of our operating unit.

27% OF OUR
EMPLOYEES ARE
WOMEN





TOTAL
EMPLOYEES

930
877
639

2015
2016
2017

DISTRIBUTION
OF EMPLOYEES
BY GENDER
[102-8]



2017	251	679
2016	230	647
2015	196	443

AGE

20-29	2017	45	123
	2016	45	115
	2015	32	62
30-39	2017	276	135
	2016	132	282
	2015	124	199
40-49	2017	62	200
	2016	43	179
	2015	33	136
50-59	2017	7	62
	2016	8	56
	2015	6	35
+ 60	2017	2	18
	2016	2	15
	2015	1	11



IEnova Corporate Headquarters

[102-8]

DISTRIBUTION OF EMPLOYEES
BY CATEGORY

	2015	2016	2017
President and Vice Presidents	8	12	12
Directors	16	19	23
Managers	66	95	116
Staff and administrative	549	751	779
Total	639	877	930

DISTRIBUTION OF
EXECUTIVES

	2015		2016		2017	
	M	W	M	W	M	W
President and Vice Presidents	6	2	10	2	10	2
Directors	12	4	13	6	17	6
Managers	51	15	68	27	83	33
Total	69	21	91	35	110	41

LOCAL
JOBS CREATED

	2015		2016		2017	
CATEGORY	LOCAL	TOTAL	LOCAL	TOTAL	LOCAL	TOTAL
President and Vice Presidents	8	8	11	12	11	12
Directors	14	16	14	19	20	23
Managers	62	66	90	96	108	116
Staff and administrative	546	549	740	750	770	779
Total	630	639	855	877	909	930

♀
2 OUT OF 7
EXECUTIVE VICE PRESIDENT
POSITIONS ARE HELD BY WOMEN

DISTRIBUTION OF
NEW JOBS

	♀	♂
2017	21	32
2016	34	204
2015	20	38


TOTAL
DISTRIBUTION
OF NEW JOBS
2015-2017



Energía Costa Azul

COMPREHENSIVE TRAINING AND DEVELOPMENT

[103-2, 404-1,
404-2, 404-3]

In the Human Capital division we reinforced those initiatives for professional development that have proven to be effective over the past few years, including job-specific training, technical courses, and programs focused on leadership.

Among the training efforts, the *Programa de Formación de Operadores IEnova* (IEnova Operating Training Program), or PROFOI, is particularly noteworthy. PROFOI is a three-month industry-specific training for technicians who have recently graduated from technical schools and universities across the country. Students graduating from the program are eligible to occupy a position in our operations. For the first time since it was first created, in 2017 we offered the program twice over the year, instead of just once. To date, 150 students have graduated from PROFOI, of whom 97 are currently IEnova employees.

In 2017, the first generation of managers, department heads, and supervisors graduated from the Certification in the IEnova Leadership Standard program, a modular specialized training that is part of our development model. An online version of the program is now available for new hires and for employees who get promoted to a supervisory position.

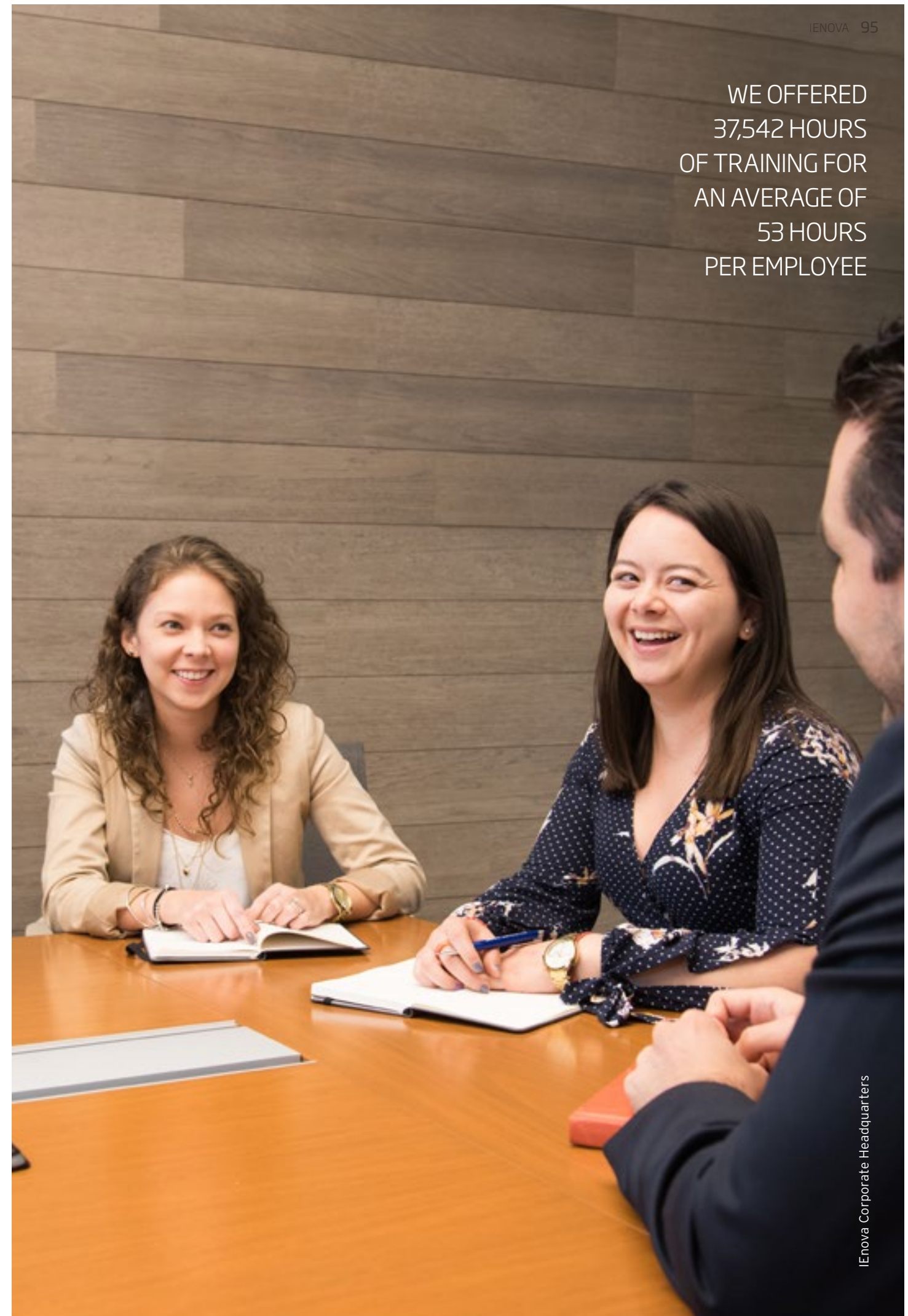
Additionally, in order to prepare the future leaders of the company, we provide an innovative high-performance program to employees who are selected through a rigorous evaluation process. It includes executive training, the development of a project, the mentoring of a company VicePresident, as well as a specific incentives plan. All participants are evaluated at the end of the first year and a determination is made as to whether they should remain in the program. The first generation graduated in 2017.

100% of our employees receive an annual performance evaluation, consisting of a feedback session with their superiors during which they discuss their accomplishments for the year.

Additionally, every two years we carry out a 360 evaluation of all employees who supervise staff—including everyone from department heads to directors—that consists of analyzing competencies from the point of view of their superiors, peers, and reporting staff, in order to detect strengths and areas where there is room for improvement.

With these and other specific programs depending on the area and function, this year we offered 37,542 hours of training—of which approximately 30% were provided online—for an average of a little over 53 hours of training per employee.

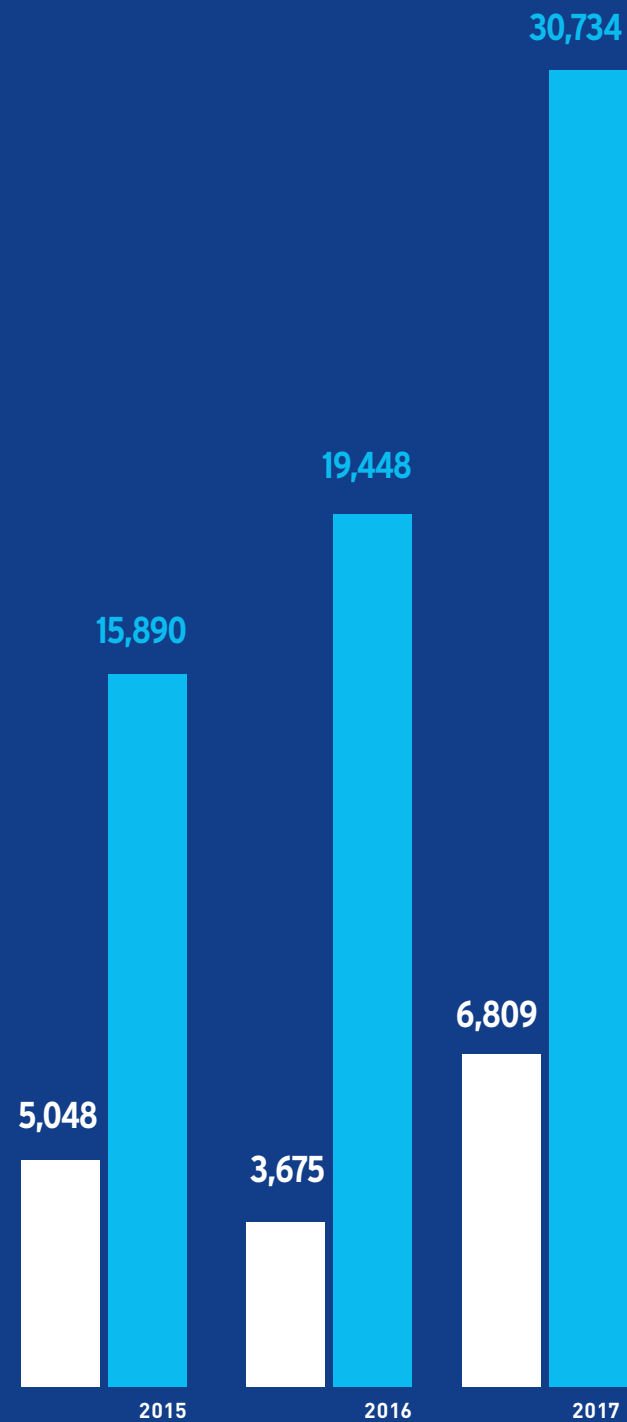
WE OFFERED
37,542 HOURS
OF TRAINING FOR
AN AVERAGE OF
53 HOURS
PER EMPLOYEE



TOTAL EMPLOYEES
TRAINING HOURS
[404-1]

		♀	♂
EXECUTIVES AND MANAGERS	2017	581	1,659
	2016	607	2,046
	2015	484	1,181
SPECIALISTS	2017	1,469	2,845
	2016	443	1,172
	2015	3,869	13,407
OTHER EMPLOYEES	2017	4,758	26,230
	2016	2,625	16,230
	2015	696	1,302


TOTAL EMPLOYEES
TOTAL TRAINING HOURS



Algodones Control Center



Algodones Control Center

WE REINFORCED
THE E-LEARNING
PLATFORM BY
DEVELOPING THE
MI DESARROLLO APP

PROFESSIONAL GROWTH

Our company's growth and diversification motivate us to offer our employees an ever-wider range of options for professional development.

In 2017, we reinforced the e-learning platform by developing the *Mi Desarrollo* (My Development) app. This platform assigns courses individually—based on the specific training and development needs of each employee—distributed in four main pillars: leadership, software use, health and safety, and human development.

We also have succession plans in place for Vice President and Director positions, based on a methodology that analyzes the ideal competencies and leadership styles needed to ensure that both the IEnova Culture and values endure, and even strengthen.

To promote communication among all company divisions, we designed a corporate communications plan known as *IEnova Somos Todos* (We Are All IEnova) that, among other things, distributes a newsletter on the most relevant company information, *IEnova al Día* (IEnova Up To Date) to all employees.



+62%

TRAINING HOURS VS 2016

USD\$772,333

INVESTED IN TRAINING

BENEFITS

[201-3, 401-2]

We are convinced that our work culture helps our employees carry out their duties in an environment where they can grow to their full potential. Aside from the company's support to find a good work-life balance, the compensation and benefits plans we offer are above the industry average.

In collaboration with a human resources consulting firm, we undertook an emotional salary measurement project by which we identify, recognize, and value all benefits and allowances unique to each employee in addition to their salary, which vary depending on their personal circumstances and position within the company. The project contributes to our ability to help achieve the greater wellbeing of our people.

In 2017, we finished this process by implementing the *Compensación y Bienestar* (Compensation and Wellbeing) platform. The system provides a detailed description of all the benefits afforded to each of employee, beyond their salaries and performance bonuses. For several months, the Human Capital team was tasked with identifying and evaluating benefits such as assigned and optional insurance plans, retirement options, special permissions, and company celebrations, among many others. We view the Compensation and Wellbeing project as a recognition and retention tool.

WE IMPLEMENTED
THE COMPENSATION
AND WELLBEING
PLATFORM THAT
OFFERS DETAILED
INFORMATION ON
EMPLOYEE BENEFITS,
BEYOND SALARIES
AND PERFORMANCE
BONUSES

THIS YEAR WE
STRENGTHENED
THE EMPLOYEE
BENEFITS
PACKAGE

This year we strengthened the employee benefits package with additions to insurance plans, including aid for funeral expenses, an increase in the birth and cesarean coverage, and new plans that include detection tests for serious diseases and an education protection plan, among others. We offer our employees a benefits package beyond what is established by law, which can include the following:

- Major health insurance for employees and their family members
- Minor health insurance
- Life insurance
- SEFORE retirement plan for pension, death, and total and permanent disability
- Savings fund
- Short-term bonus
- Long-term bonus
- Vacation pay
- Food coupons
- Company car for Vice Presidents and Directors
- Medical check-ups for Vice Presidents and Directors
- School and professional growth scholarships
- Retention and attraction bonuses
- High-potential recognition program
- Vacation days in addition to those established by law
- 30-day Christmas bonus
- Education protection plan



- Complementary disability compensation, additional to Social Security
- Optional medical benefits
 - Dental insurance
 - Additional life insurance
 - Life insurance for spouses
 - Medical insurance for pets
 - Plan covering doctor's appointments
 - Insurance for funeral expenses
 - Car and home insurance at preferential rates
 - Detection of serious diseases tests
 - Cancer detection tests

At the beginning of each year, we perform a salary-planning process to determine raises and bonuses for each employee, taking into consideration their annual performance evaluation, as well as the company's financial and operating results.

Staff hired for specific projects have the same benefits as permanent employees, with the exception of a retirement plan, which is a long-term benefit.

DIVERSITY AND INCLUSION

[412-2]

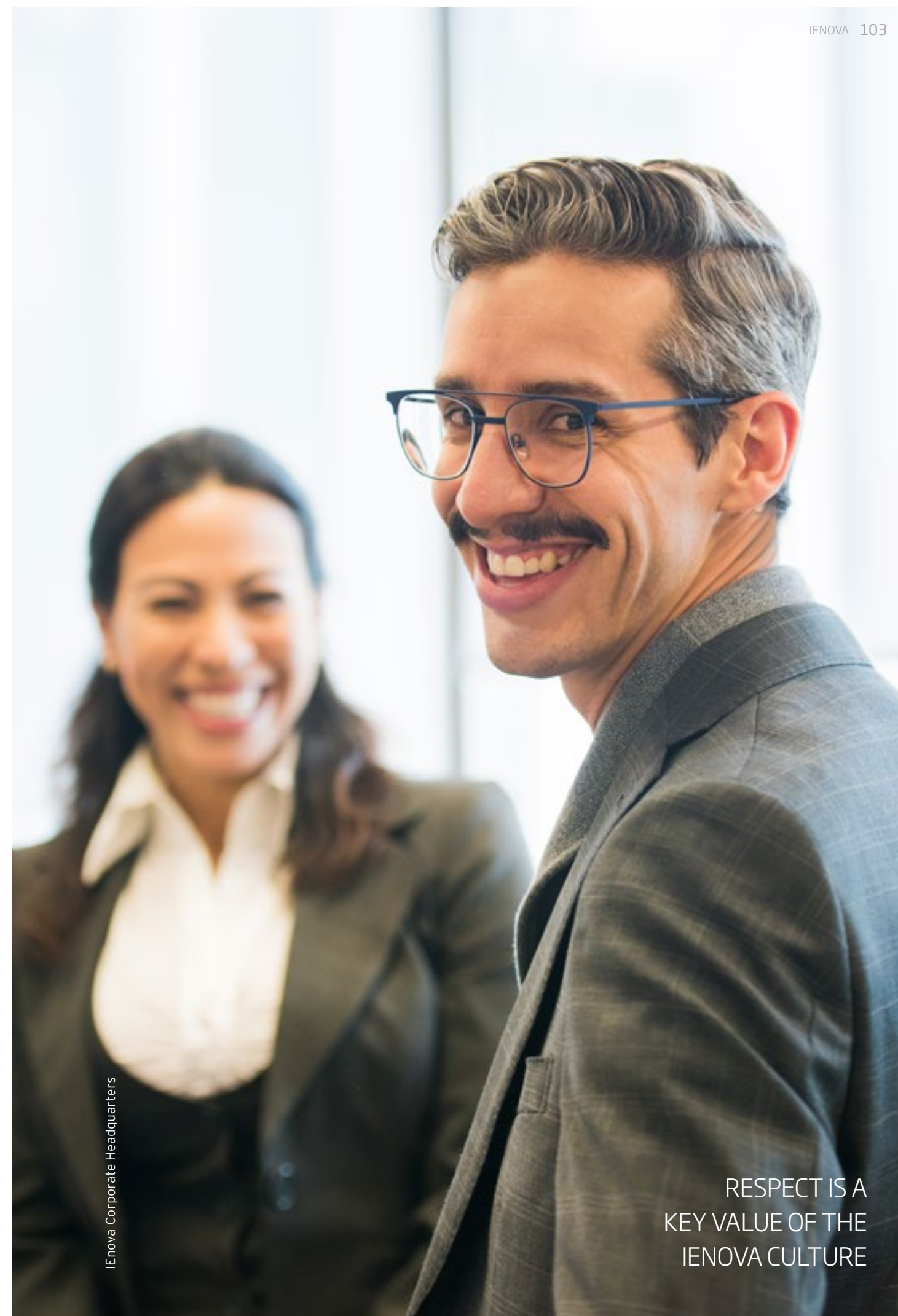
Respect is a key value of the IEnova Culture that seeks to achieve an environment of equality in which diversity is promoted with equal opportunities for all, without distinction based on gender, race, age, religious beliefs, political doctrine, social or physical conditions, or sexual orientation. We strictly adhere to all applicable regulations in terms of legality and the respect for human rights, and we operate based on our Code of Ethics, to which all employees are committed.

Additionally, we have policies in place that promote inclusion and diversity, including the following:

- Health care coverage for same-sex partners
- Coverage for illnesses such as HIV, with no waiting period
- Coverage for pregnancy, with no waiting period

We also have a Development, Equality, and Diversity Committee in which several top executives in the company participate, and whose main responsibilities are to:

- Promote measures to encourage a culture of equality and diversity among all members of the organization.
- Verify that we carry out programs to promote strengthening competencies for personal growth, favoring the comprehensive development of employees.
- Ensure that there are policies and procedures in the company that take into consideration the issues of diversity, equality, and inclusion.
- Validate that internal promotions are carried out with equality and transparency.
- Promote causes related to diversity, equality, and inclusion.
- Validate that we have the annual budget required to carry out the projects specified by the Committee.
- Generate the guidelines and approve the general strategy for equality, diversity, and development at IEnova, aligned with the sustainability pillars for action.



HEALTH AND SAFETY

[103-2, 403-1]

Our Health and Safety operating model strives to ensure that our employees—who are our most valuable asset—carry out their duties under world-class working conditions.



Health and safety at IEnova is established in and guided by four primary documents:



**SAFETY
POLICY**



**HEALTH
POLICY**



**HEALTH AND SAFETY
PRINCIPLES
TO SAVE YOUR
LIFE MANUAL**



**ELEMENTS OF THE
HEALTH AND SAFETY
MANAGEMENT SYSTEM
MANUAL**



[103-2]

These documents are all aligned with our Internal Labor Guidelines and our Code of Ethics, as well as several policies and procedures developed specifically to achieve a zero-accidents operation. We operate in strict compliance with the Official Mexican Standards, the Federal Labor Law, the Social Security Law, and other applicable regulations.

The Safety and Health policies both establish that we are responsible for ourselves and for people working with and for us, and they include IEnova's goal of having a workplace that is free of uncontrolled known hazards, ensure safe work practices, and implement adequate preventive measures for people, facilities, and processes.

The Health and Safety Principles to Save Your Life Manual includes 12 elements to help prevent incidents, such as personal protection gear, the obligation to report any incidents or unsafe conditions, blocking hazardous sources of energy, installing rails around machinery, employing safety measures when driving, and fall-prevention measures for working at high altitudes, among others.

The Elements of the Health and Safety Management System Manual describes corporate expectations concerning the assets, by employing self-assessment lists.

With the continued implementation of the management system by our Champions team, we ensure compliance with national and international best practices and we are able to apply the lessons learned across the company.

PERFORMANCE IN SAFETY

[403-3]

In order to measure our performance, we designed a proactive indicator that includes the elements of the management system and assesses achievements using a number scale. To oversee our self-assessment process, we carry out quarterly reviews and apply an annual cross-verification process during which a group of employees is in charge of verifying compliance at an asset other than their own.

In addition to verifying the management system, authorities or certification institutions perform periodic reviews of our operations; inspections are also carried out to ensure the correct status of our operations and construction projects.

As part of the work we do to strengthen our culture of prevention, in 2017 we offered 19,321 hours of training in Health and Safety through 291 courses on different issues, including safety when dealing with fire and when working with electricity, storing and handling hazardous materials, and emergency response, among others.

Each of our operating units has the following:

- A Safety and Hygiene Commission
- A Champions team to monitor the activities of the Health and Safety Management System
- Preventive and emergency brigades
- Specialists in health and safety

In 2017, the Health and Safety committees and work teams included 632 people, between employees and contractors.

In terms of our occupational health culture, at all our business units we monitor industrial hygiene and perform periodic medical tests in compliance with official norms. In wellbeing-related efforts, we give lectures on prevention and health care, and hold vaccine campaigns against illnesses such as tetanus and influenza. We also hire medical services to support our health programs. At some of our operating units we offer organized sports activities and follow a morning exercise program called *Pausa por la Salud* (Take a Break for Health).

632

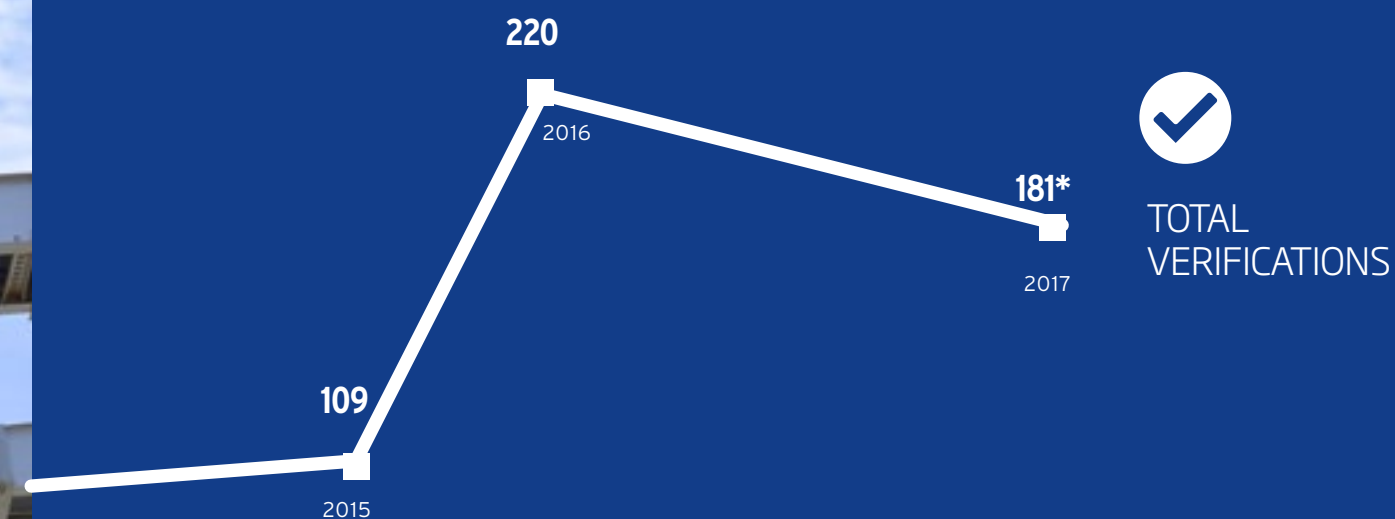
EMPLOYEES, INCLUDING
CONTRACTORS, PARTICIPATED
IN THE HEALTH AND SAFETY
WORK TEAMS

WE DESIGNED A
PROACTIVE INDICATOR
THAT INCLUDES THE
ELEMENTS OF THE
MANAGEMENT SYSTEM
AND ASSESSES OUR
ACHIEVEMENTS





Energía Costa Azul



VERIFICATIONS

TYPE
INTERNAL EXTERNAL

* The number of verifications for 2017 is less than the prior year because we finished construction of several assets mid-year. Those assets will be included in the 2018 verification process.

	INTERNAL	EXTERNAL
2017	148	33
2016	161	59
2015	93	16

For every new project, we apply rigorous criteria to select our partnering contractors, all of whom must sign a contract committing to meet our Health and Safety requirements, which include the following, to name a few:

- Adhere to our primary documents
- Complete our health and safety induction course
- Ensure operators have valid certifications
- Have procedures and permits in place to perform high risk tasks
- Conduct periodic field inspections and random breathalyzer and drug testing

Additionally, since we operate in compliance with the General Civil Protection Law and we promote a culture of prevention in case of any incidents resulting from natural or human-induced disasters, in 2017 we carried out 42 drills at our work centers.

We also implement initiatives such as the Health and Safety Employee of the Month Award, commemorating the World Day for Occupational Health and Safety (April 28th), as well as the Safety and My Family drawing contest, which is open to our employees' direct and indirect family members of all ages. The 12 winning drawings are employed to produce a calendar that is distributed across the company.

We have voluntarily opted to continue to be part of the Self-Management Safe Company Program in Health and Safety at the Workplace (PASST) sponsored by the Mexican Department of Labor and Social Welfare (STPS) in order to obtain the Safe Company certificate and for all of assets to be certified before they have been operating for 12 months. Once certified, the goal is for our assets to maintain or surpass their current level.

In 2017, ECA obtained the ISO 22301-2012 certification in managing the continuity of the business in case of unforeseen events. ECA was also granted the IEnova Health and Safety Management System performance award. Transportadora de Gas Natural received its level III PASST certificate, the highest achievable level.

All those companies that require it given the characteristics of their operation are either already certified or in the process of being certified under health and safety at the workplace standards established by the *British Standards Institution: Occupational Health and Safety Assessment Series* (OHSAS). This year, both Termoeléctrica de Mexicali and Energía Sierra Juárez were certified under OHSAS 18001-2007.

ECA WAS ALSO GRANTED THE
IENOVA HEALTH AND SAFETY
MANAGEMENT SYSTEM
PERFORMANCE AWARD





Los Ramones Compression Station

[403-2]

Resulting from the commitment of our employees to safety, the work they do every day, and the proactive strategy that strives to achieve a zero-accidents operation, this year we once again considerably reduced our accident rate.

We are proud to report that we had zero work-related employee or contractor fatalities. The Total Recordable Incident Rate (TRIR) was 0.58, down 25% with respect to the prior year; at 0.17, the Lost Time Accident Rate (LTAR) was 39% lower year over year.

ACCIDENT RATE¹

TYPE	2015	2016	2017
Work-related fatalities	0	0	0
Total Recordable Incident Rate (TRIR) ²	1.27	0.77	0.58
Lost Time Accident Rate (LTAR) ³	0.59	0.28	0.17

1 The accident rate does not consider first aid or events with no injuries; at-risk staff includes IEnova employees as well as personnel from contractor companies at our facilities or rights of way: Accident Rate = (Number of accidents x 200,000)/hours worked

2 TRIR = Total Recordable Incident Rate. We include injuries and work-related illnesses that required treatment beyond first aid whether they resulted in lost days or not, based on the definition of the US government's Occupational Safety and Health Administration.

3 LTAR = Lost Time Accident Rate includes recordable accidents that resulted in lost work days.

OUR 2018 GOAL

TOTAL RECORDABLE INCIDENT RATE (TRIR): **2.10**

LOST TIME ACCIDENT RATE (LTAR): **1.59**

SOCIAL COMMITMENT

[203-1, 413-1]

IEnova's strong social commitment constitutes the basis of how we manage our social investments. We fulfill this purpose through Fundación IEnova, a series of Trusts linked to the main projects that are either under construction or already in operation, as well as the social work we do at the projects we are building on our own and through joint ventures.



FUNDACIÓN IENOVA

Created in 2015, the goal of Fundación IEnova is to maximize the impact of the economic and human resources we invest in the communities in which we operate and to which we belong. It is a second-tier foundation duly authorized by the Mexican Internal Revenue Service (SAT) to make donations and economic contributions.

AREAS OF GIVING

At the Foundation we focus on supporting those projects that most require our collaboration, that bring greatest benefits to the community in the mid- and long-term, and that are also congruent with the four pillars on which the activities of the Foundation are based:



EDUCATION



ENVIRONMENT



**VULNERABLE
GROUPS**



**COMMUNITY
SERVICES**

[203-1]

Fundación IEnova supports non-profit organizations that are SAT-approved, and whose activities align with the corporate purpose described in the Foundation's bylaws.

We have an assessment methodology in place which structures the evaluation of projects and organizations. This provides the donation process with transparency and maximizes the impact of the allocated resources.

Fundación IEnova is supervised by an Advisory Committee and a Managing Board. The Advisory Committee includes the Company Vice Presidents and is chaired by IEnova's Chief Executive Officer and Chairman of the Board. Several employees are members of the Managing Board and it is chaired the Chief Corporate Affairs & Human Resources Officer.

Additionally, each year the Foundation's performance is subject to an internal audit. The auditor's report is submitted to the Associates Meeting and to the Advisory Committee.



MANAGEMENT STRUCTURE FOR FUNDACIÓN IENOVA

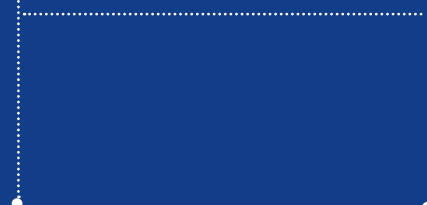
[103-2]



ADVISORY COMMITTEE
CHAIR: IENOVA'S CHAIRMAN
OF THE BOARD AND CHIEF
EXECUTIVE OFFICER



**MANAGING
BOARD**
CHAIR: CHIEF
CORPORATE
AFFAIRS & HR
OFFICER



**MANAGEMENT
FUNDACIÓN IENOVA
MANAGER**

PRIOR TO HANDING OVER THE RESOURCES, WE CARRY OUT AN ANTI- CORRUPTION PRACTICES AUTHORIZATION PROCESS

The Fundación IEnova management team submits a list of pre-selected projects to the Managing Board for endorsement. Projects approved by the Managing Board are then submitted to the Advisory Committee which, in turn, meets to assess and approve them. The Advisory Committee also evaluates the results, supervises the performance of the Managing Board, and evaluates how Fundación IEnova is being managed.

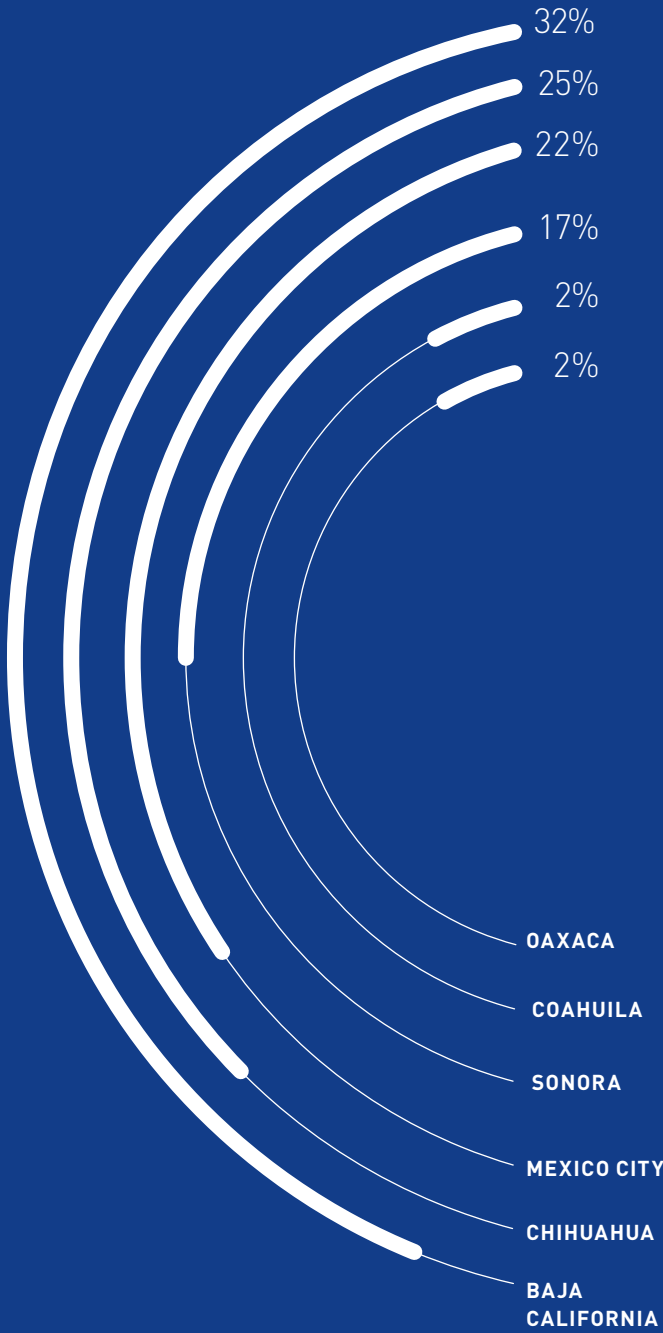
Prior to handing over the resources, we carry out an anti-corruption practices authorization process in accordance to the Foreign Corrupt Practices Act (FCPA), the Corporate Ethics Policy, and the Anti-Corruption Procedure for the Approval of Donations, Sponsorships, Improvements, and Memberships, implemented by IEnova's Corporate Ethics division.

The organization must submit quarterly reports as well as the supporting documentation needed to verify compliance with the established timetable and conditions.

With the Foundation's authorized USD\$1,000,000-budget for 2017, we were able to sponsor 28 projects in 18 organizations and make two in-kind donations in 11 cities across six states in Mexico.

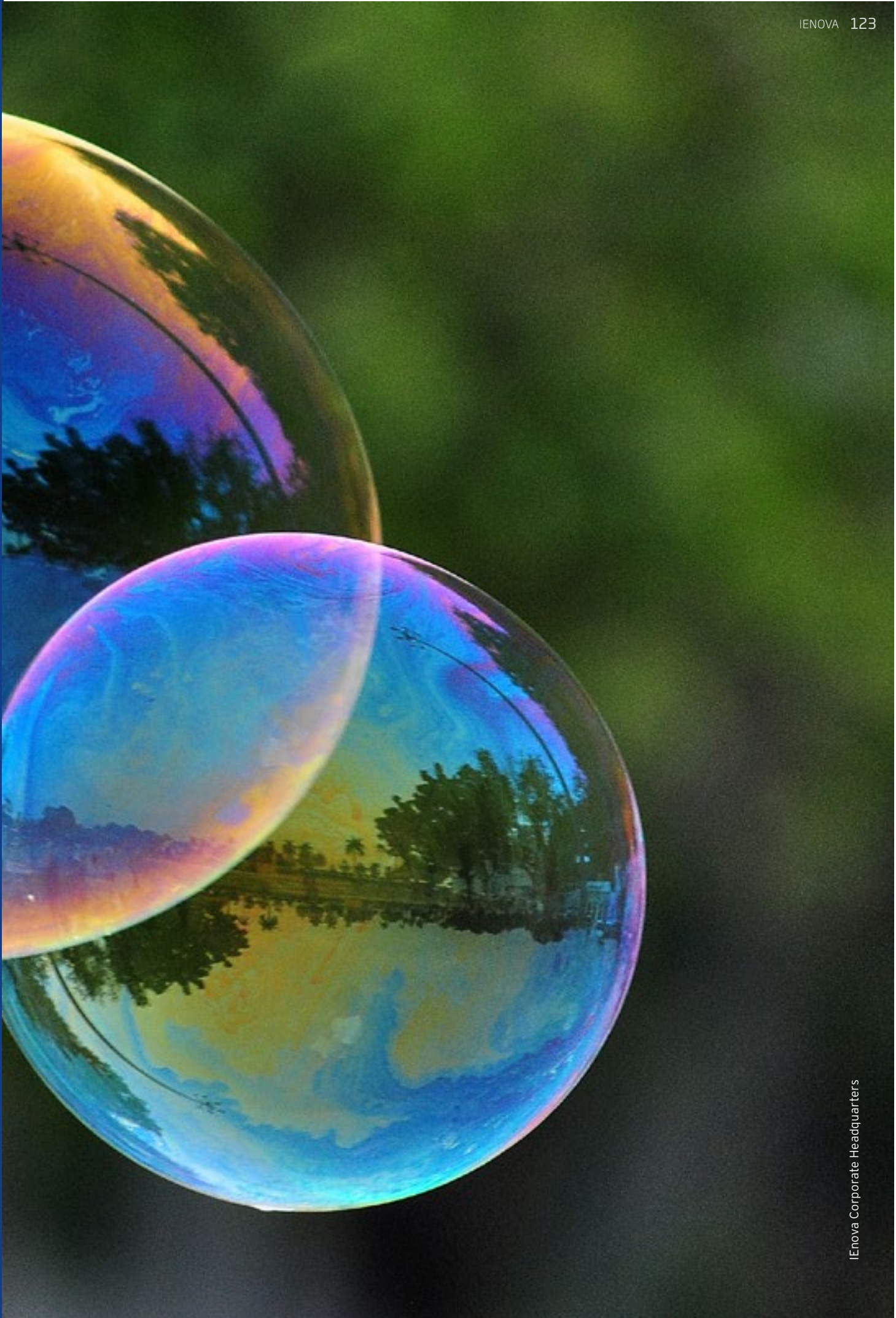
As part of our partnership with the *Fundación para la Protección de la Niñez, I.A.P.*, an organization dedicated to helping vulnerable groups all over Mexico, we adopted six foster homes for children living in vulnerable conditions in localities where IEnova has operations, such as Hermosillo, Mexicali, Tecate, Torreón, Chihuahua, and Mexico City. By developing infrastructure-improvement projects, we wish to contribute to changing the conditions in which these children live and increase their opportunities for a better life.

DONATIONS BY STATE
IN 2017



USD\$1 MILLION

BUDGET ALLOCATED TO
FUNDACIÓN IENOVA IN 2017



2017 DONATIONS
BY ACTION PILLAR



EDUCATION

20%

- Asociación Mexicana Pro Colegios del Mundo Unido, A.C.
- Club de Niños y Niñas de Navojoa, A.C.
- Fundación UABC, A.C.
- Instituto Educativo del Noroeste, A.C. (CETYS).
- Promesa Educativa para México, A.C.



ENVIRONMENT

7%

- A Favor del Niño, I.A.P.
- Fundación del Empresariado Chihuahuense, A.C. (FECHAC).



VULNERABLE
GROUPS

26%

- Casa Hogar del Anciano de Ensenada, A.C.
- Fundación para la Protección de la Niñez, I.A.P.
- Fundación del Empresariado Sonorense, A.C. (FESAC).



COMMUNITY
SERVICES

47%

- Aquí Nadie Se Rinde, I.A.P.
- Asociación Mexicana de Ayuda a Niños con Cáncer, A.C.
- Cruz Roja Mexicana, I.A.P.
- Cruz Roja Mexicana, I.A.P. Chihuahua.
- Fundación del Empresariado Chihuahuense, A.C. (FECHAC).
- Fundación para los Niños de Las Californias/ Hospital Infantil Las Californias, I.B.P.
- Museo Memoria y Tolerancia, A.C.
- Patronato Pro Hospital Civil de Tijuana, A.C.
- Centro Nacional de Apoyo para Contingencias Epidemiológicas y Desastres, A.C. (CENACED).

We have a Collaboration Agreement with the Mexican Red Cross for rapid response in case of natural disasters. In the aftermath of the September earthquakes in Mexico, we delivered to the Red Cross 1,000 packages with basic food supplies for affected communities in the Mexican state of Oaxaca. Additionally, we donated 1.7 tons of cleaning supplies to the Mexican Center for Support in Epidemiological Contingencies and Natural Disasters (CENACED).

We also launched the internal *Apoyemos Juntos a Ciudad de México, Puebla, Morelos, Oaxaca y Chiapas* (Let's Support Mexico City, Puebla, Morelos, Oaxaca, and Chiapas) fund-raising program. In this effort, the Foundation doubled the amount donated by IEnova employees. We raised USD\$28,842* with this program. The funds will be allocated to rebuilding two elementary schools affected by the earthquakes in the community of Santa Isabel Cholula, in the state of Puebla, benefiting 530 children.

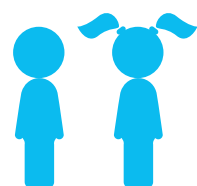
*\$569,200 pesos at the official exchange rate of \$19.7354 pesos per dollar.



CORPORATE VOLUNTEERS

Our employees participate voluntarily in our social efforts. Corporate volunteers are an integral part of Fundación IEnova.

In 2017, we held 13 volunteer events through which we benefited the following projects:



395

PEOPLE BENEFITED BY OUR
CORPORATE VOLUNTEERS
PROGRAM IN 2017



200

VOLUNTEERS

ESCUELA + SONRISAS (SCHOOL AND SMILES) DRIVE:

182 CHILDREN
BENEFITED
in six cities:
Chihuahua, Mexico
City, Hermosillo,
Mexicali, Tecate,
and Torreón

ÁRBOL DE LA SONRISA (SMILING TREE) DRIVE:

213 CHILDREN
BENEFITED
in seven cities:
Chihuahua, Mexico
City, Hermosillo,
Mexicali, Monterrey,
Tecate, and Torreón



FUNDACIÓN IENOVA IN SUMMARY 2017



28

PROJECTS



2

IN-KIND
DONATIONS



18

ASSOCIATIONS
SPONSORED



USD\$754,290*

GRANTED IN
DONATIONS

190,000

POTENTIAL
BENEFICIARIES

The 2017 Fundación IEnova Report
is available to view and download at:

<http://www.ienova.com.mx/fundacion.php>

*\$14,886,219.90 pesos at the official exchange rate of
19.7354 pesos per dollar

TRUSTS

[203-1, 413-1]

ENSENADA

In 2004, we constituted the Ensenada Trust during the Energía Costa Azul (ECA) construction process. This trust is made up of a Technical Committee and an Advisory Board and of distinguished citizens of the health, private, academic, economic development, and conservation sectors in the city of Ensenada. The city's Mayor and IEnova representatives also participate.

For the constitution of the Trust, IEnova contributed USD\$7 million to be allocated to academic, equipment, infrastructure, public safety, and environmental projects in Ensenada.

In 2017, we invested USD\$12,343 to finish building a food warehouse for the municipal Family Protection Agency (DIF), which was started in 2016 with funds donated by the Trust.

From the date it was constituted and as of December 31st 2017, we have supported 22 projects and invested USD\$3.31 million in medical equipment, infrastructure works, and in education and municipal services, sports, and public safety, benefiting the approximately 500,000 people who live in Ensenada.

SONORA

We constituted the Sonora Trust in 2012. Representatives from the Federal Electricity Commission (CFE), the state government of Sonora, and IEnova participate in a Technical Committee that reviews all applications for public works.

In 2017, we invested USD\$1.35 million in expansion and improvement works for the electric power network in seven Yaqui indigenous communities and rehabilitation works at community facilities. In addition, in-kind donations were made to the fire departments of the cities of Hermosillo and Guaymas. Late in the year, works were begun to install sustainable water purification systems in eight Yaqui communities.

From the date it was constituted and as of December 31st 2017, the Trust has granted its support to 43 projects and invested USD\$3 million in nine municipalities in the state of Sonora, benefiting directly and indirectly 817,485 people who live in these communities.

OJINAGA-EL ENCINO

We constituted the Ojinaga-El Encino Trust in 2015. Representatives from the Federal Electricity Commission (CFE), the state government of Chihuahua, and IEnova participate in it.

In 2017, we invested USD\$250 thousand in 13 projects related to public safety programs, building materials, donating cement for building roads, materials to rehabilitate the sewage system, water pumping equipment, as well as projects related to health services in the municipality of Chihuahua.

From the date it was constituted to year-end 2017, we have supported 18 projects and invested USD\$1.27 million

SAN ISIDRO-SAMALAYUCA

We constituted the San Isidro-Samalayuca Trust in 2015. Representatives from the Federal Electricity Commission (CFE), the state government of Chihuahua, and IEnova participate in it.

In 2017, we invested USD\$542 thousand in projects related to installing LED lighting in schools and donations to build, remodel, and provide equipment for six schools in Samalayuca, San Isidro, and Ciudad Juárez, as well as seven Childhood Wellbeing Centers. We also made donations to sponsor sports activities in the town of San Isidro, for pavement works in Samalayuca, and to certify people working in state-owned child daycare facilities.

From the date it was constituted and as of December 31st 2017, we have supported 13 projects and invested USD\$771 thousand, benefiting directly and indirectly an estimated 300 people.



Library at the Bandera Mexicana Elementary School, Jácume, Baja California

ETHANE TRANSPORTATION SYSTEM

At the Ethane Transportation System project we made two types of investments in social works. On the one hand, we collaborated with the governments of the municipalities through which the project crosses and, on the other, we helped the communities directly.

In 2017, we invested USD\$276 thousand in works to restore asphalt and hydraulic pavements in direct collaboration with two communities in the states of Veracruz and Tabasco.

Since 2013, when construction began, and as of December 31st 2017, we invested USD\$6.3 million benefiting several municipalities in the states of Veracruz, Chiapas, and Tabasco.

We also make social investments during the construction process of new projects, and in the assets we own as part of a joint venture with other companies.

As such, in 2017, as part of the benefits of the marine terminal for the receipt, storage, and delivery of hydrocarbons that we will start building in the new port of Veracruz, we donated USD\$10,134 to the Veracruz Aquarium to be allocated to coral reef restoration activities.

Through the Energía Sierra Juárez wind farm we operate as part of the joint venture we have with InterGen, we made a donation to restore the tiles and buy new furnishings for the library of the Bandera Mexicana elementary school.



USD\$3.44*MILLION
ALLOCATED TO SOCIAL WORKS
DURING 2017

* Includes Fundación IEnova's annual budget and investments in social works made by the following Trusts: Ensenada, Sonora, Ojinaga-El Encino, San Isidro-Samalayuca, Ethane Pipeline, Energía Sierra Juárez, and the marine terminal for the receipt, storage, and delivery of hydrocarbons in the new port of Veracruz.





SOCIAL PILLAR

2017 PROGRESS AND 2018 CHALLENGES

[102-44, 102-48,
103-1, 103-2]

- ★ REACHED
- 🕒 IN PROGRESS 2018
- + NEW 2018 CHALLENGE

2017 PROGRESS

2018 CHALLENGES

HEALTH AND SAFETY

- ★ Implement a new tool to measure the incidence of vehicular accidents.
- ★ Distribute the Manual on Health and Safety Principles for Building Pipelines.
- ★ Obtain or maintain the Safe Company certificate offered by the Mexican Ministry of Labor and Social Welfare (STPS) at all our operating units during the first 12 months after they begin to operate.
- ★ Reach the established performance goals in accident rate: Total Recordable Incident Rate (TRIR): 2.19
Lost Time Accident Rate (LTAR) 1.66
- ★ Maintain the OHSAS 18001 certificate in Pipelines and Energía Costa Azul.
- ★ Obtain the OHSAS 18001 certificate in Energía Sierra Juárez and Termoeléctrica de Mexicali.
- ★ Update Health and Safety Guidelines to be included in new or renewed contracts.

- + Communicate and publish the Safe Driving campaign.
- + Obtain or initiate the certification process for the STPS's Safe Company certificate at all IEnova operating units during the first 12 months after they begin to operate.
- + Reach the established performance goals in accident rate: Total Recordable Incident Rate (TRIR): 2.10
Lost Time Accident Rate (LTAR) 1.59
- + Maintain the OHSAS 18001 certificate in Pipelines, Energía Costa Azul, Energía Sierra Juárez, and Termoeléctrica de Mexicali.
- + Obtain the OHSAS 18001 certificate in ECOGAS (Distribution).
- + Publish the Health and Safety Guidelines to be included in bidding processes and in new or renewed contracts.
- + Hold periodic conferences (e.g. quarterly) to discuss Health and Safety performance with subsidiaries.
- + Update the elements of the Management System for the 2018 version.

EMPLOYEES

- ★ Maintain the Great Place to Work certification.
- ★ Include a new set of employees in the high performance program.
- ★ Optimize the employee benefits program based on their needs.
- ★ Develop an e-learning platform that will include development, diversity, and respect issues.

- 🕒 Maintain the Great Place to Work certification.
- + Continue the high performance program and have a second graduating class.
- + Strengthen healthy habits in employees by implementing campaigns on healthy eating and a sports culture.
- + Offer flexible specialized training, based on competencies identified in annual surveys.
- + Launch the IEnova Culture and Values campaign.
- + Explore best practices in work-life balance.
- + Include Human Capital presentations in every project to reinforce work environment and diversity and inclusion topics.
- + Carry out a feasibility study in every location to identify whether it is possible to incorporate people with disabilities in any of IEnova's companies.

COMMUNITY RELATIONS

- ★ Begin to implement the Social Management System at the IEnova assets.
- ★ Finish the Grievance Mechanism (MAC for its acronym in Spanish) at all of IEnova's operating and administrative units and begin gradual implementation during the second half of 2017.
- ★ Execute the 2016 budget for Fundación IEnova with projects aligned with the foundation's pillars.
- ★ Maintain social and volunteer programs that are consistent with IEnova's sustainability pillars through Fundación IEnova.

- 🕒 Create communication materials for the Grievance Mechanism (MAC for its acronym in Spanish) in any native language necessary to serve the indigenous communities in the locations of our projects.
- + Monitor the applicable implementation of prevention and mitigation measures included in the Social Impact Assessment of the projects and operating assets.
- + Keep operating Fundación IEnova in compliance with all applicable administrative, accounting, tax, and money laundering practices and regulations.
- + Maintain social and volunteer programs that are consistent with IEnova's sustainability pillars through Fundación IEnova (15 events).



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MANAGING
SUSTAINABLE
RESOURCES AND
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IMPACT

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MANAGEMENT

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OF BIODIVERSITY

168
2017 PROGRESS
AND 2018
CHALLENGES

We know
how
**to develop
and operate
environmentally
friendly projects**

We promote an
environmental culture
that contributes to
protecting natural
resources, biodiversity,
and ecosystems

367,831

PLANTS PRODUCED
IN OUR NURSERIES

MANAGING SUSTAINABLE RESOURCES AND ENVIRONMENTAL IMPACT

[103-2b, 103-2c]

IEnova's sustainability strategy focuses on developing an environmental culture among our employees and stakeholders alike, managing waste and emissions in a comprehensive way, protecting biodiversity, as well as contributing to the production of clean, low-carbon and efficient energies. We operate all our businesses in strict compliance with all applicable environmental regulations.



DEVELOP
AN ENVIRONMENTAL
CULTURE



MANAGE
OUR WASTE AND
EMISSIONS IN A
COMPREHENSIVE WAY



PROTECT
BIODIVERSITY



PRODUCE
CLEAN AND
EFFICIENT ENERGY



Energía Sierra Juárez

IN 2017 WE BEGAN DEVELOPING
OUR ENVIRONMENTAL
MANAGEMENT SYSTEM

OUR ENVIRONMENTAL MANAGEMENT

[103-1, 103-2]

We operate with the conviction of doing our best to protect the environment. We employ the most advanced technology to control emissions, manage waste, and ensure responsible use of water at all our assets. We also have biodiversity conservation programs in place.

In 2017 we began developing the Corporate Environmental Management System based on ISO standards and on other best practices. The System includes an environmental policy and manual, as well as other elements that contribute to making our environmental stewardship efforts more efficient.



TRAINING AND ENVIRONMENTAL CULTURE



CLIMATE CHANGE STRATEGY



CONTINUOUS IMPROVEMENT



PREVENTING POLLUTION



CONSERVATION OF NATURAL RESOURCES



ENVIRONMENTAL CERTIFICATIONS AND AWARDS



ENVIRONMENTAL COMPLIANCE



COORDINATION AMONG INSTITUTIONS

[103-2]

As part of this process, we also have an Environmental Information System that will allow us, in a first phase, to standardize the methodologies for calculating and capturing data at all our subsidiaries, and to generate, verify, and update information related to waste generation, emissions, uses and discharges of water, and energy consumption.

During the development, construction, and operation of all our assets, in parallel to our own management system, we comply with best practices in the industry and adhere to all applicable environmental laws, regulations, and norms. We respect the terms and conditions established by the Mexican Ministry of the Environment and Natural Resources (SEMARNAT) and by the National Agency for Industrial and Environment Protection in the Hydrocarbons Sector (ASEA) for environmental permits and authorizations. This year we began the process of implementing a Process and Occupational Safety, and Environmental Management System (SASISOPA). The system is critical for ensuring adequate performance in terms of industrial safety, occupational safety, and the environment across all stages of projects related to the Hydrocarbons Sector.

Additionally, we have a Climate Change Strategy, currently in the early stages of implementation, with which we seek to have concrete mitigation and adaptation measures to climate change, as well as tools that will contribute to the efficient use of resources. To develop the strategy, we conducted a benchmark assessment of energy consumption and greenhouse gas emissions at our operations. The assessment will be updated annually.

WE ARE COMMITTED
TO OBTAIN EITHER
THE CLEAN
INDUSTRY OR THE
ENVIRONMENTAL
QUALITY
CERTIFICATIONS
ISSUED BY SEMARNAT
OR ASEA

OUR RENEWABLE
ENERGIES PORTFOLIO
ALSO INCLUDES
THREE SOLAR ENERGY
PROJECTS, CURRENTLY
IN THE PLANNING
AND CONSTRUCTION
STAGES

Moreover, at IEnova we are committed to obtaining either the Clean Industry or Environmental Quality certifications issued by SEMARNAT or ASEA. Our internal goal is to obtain the certificate, or be in the process of obtaining the certification, within 12 months after an asset begins to operate or when we take over operating control of an asset; we have reached this goal in every case.

Additionally, all our business units that require it are ISO 14001-2004 certified. In 2017, ECA was recertified in ISO 9001-2015, while the Rosarito Pipeline (GRO), Transportadora de Gas de Baja California (TGN), the Naco Compression Station, ECOGAS Mexicali, Termoeléctrica de Mexicali, TDF LPG Transportation System, and Transportadora del Norte (TDN) obtained the Environmental Quality-Clean Industry certification. Furthermore, we developed pre-certification programs for the following: Ojinaga-El Encino Pipeline, Sonora Pipeline (Sásabe-Guaymas segment), Ethane Pipeline, and Los Ramones Pipeline.

Specifically in the Electricity Segment, we generate electric power at Termoeléctrica de Mexicali, a combined-cycle natural-gas-fired plant that surpasses emissions standards applicable in both Mexico and the US. We also generate clean energy at the Ventika and Energía Sierra Juárez wind farms.

Our renewable energies portfolio also includes three solar energy projects, currently in the planning and construction stages: Pima Solar, in Caborca, Sonora; Rumorosa Solar, in the state of Baja California, and Tepezalá Solar, in Aguascalientes.

WE OPERATE WITH
THE CONVICTION
THAT WE NEED TO
DO EVERYTHING WE
CAN TO PROTECT
THE ENVIRONMENT

REPORT OF IENOVA'S
AIR EMISSIONS*
[305-1, 305-2]

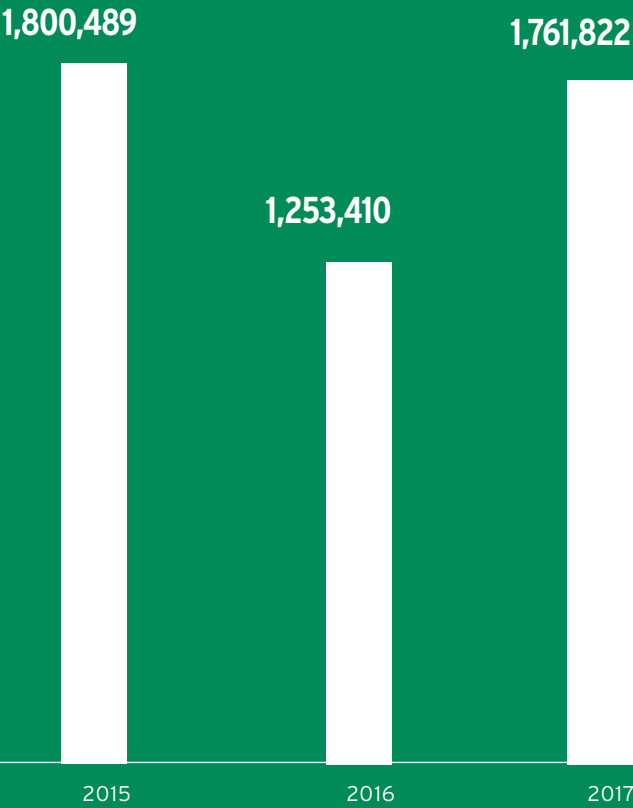
AMOUNT IN METRIC TONS OF CO₂e

DIRECT EMISSIONS INDIRECT EMISSIONS

1,754,225	7,597	2017
1,247,980	5,430	2016
1,796,662**	3,827	2015

* The majority of direct and indirect emissions are generated by ECA, TDM and Pipelines.

** This figure differs from what we published originally in our 2015 Sustainability Report because, in order to comply with the guidelines of the Bylaws of the General Climate Change Law with regards to the National Emissions Registry, we used different emissions factors than we had in prior years. We calculated CH₄ and N₂O emissions that had not been estimated for mobile sources, as well as other types of emissions. We ratified CO₂e conversions, as specified in the Agreements issued by the authority. As a result, we calculated the data for both 2015 and 2016 using the new methodology.



TOTAL EMISSIONS

WASTE
GENERATION AND
MANAGEMENT

[301-2, 306-2, 306-3]

Since our goal is to employ resources and manage waste in a responsible manner, we work with authorized companies to adequately dispose of waste. When the physical and chemical nature of the waste allows, instead of disposing of it in land fields we collaborate with suppliers that recycle and/or reuse waste.

Both ECA and TDM—which generate the most non-hazardous waste—are registered in Baja California as generators of waste that requires special handling. At both companies we have preventive and correction programs in place to minimize risks and operation failures and to ensure the integrity and reliability of our operations. In 2017, we started implementing a strategy that included lectures to create awareness among our employees about the importance of reducing waste and the techniques we can employ to accomplish this goal. In addition, we reinforced supervision during preventive maintenance procedures and the use of reduction techniques.

Resulting from our waste management practices, in 2017 we had no reports of accidental leaks. This year we recycled 21 tons of hazardous waste and 56 tons of non-hazardous waste. Owing to major maintenance works at the TDM plant, there was an increase in the generation of waste given that equipment parts had to be replaced and the structures of several machines had to be renewed.

At Energía Sierra Juárez we carried out maintenance works for the 47 turbines—which have been operating for 24 months—with the resulting increase in the amount of hazardous waste compared to 2016.

REPORT ON IENOVA'S TOTAL
WASTE GENERATION AND MANAGEMENT*

[306-2]

DISPOSAL	AMOUNT (METRIC TONS)		
	2015	2016	2017
Hazardous waste			
Waste confined in controlled deposits	9	9	45
Incinerated waste	3	0	0
Waste recycled by another company (recovery of waste oil and transformed energy)	7	18	21
Total hazardous waste	19**	27***	67****
Non-hazardous waste			
Waste confined in controlled deposits	7,921	7,412	8,948
Waste recycled by another company	35	36	56
Total non-hazardous waste and byproducts	7,956	7,447	9,004

* The majority of waste is generated by TDM, Ventika, and Pipelines.
** 19.36, rounded down to 19
*** 26.88 rounded up to 27
**** 66.85 rounded up to 67

WATER

[303-1, 303-2, 303-3, 306-1]

IEnova’s efforts to reuse, save, and recycle water are primordially focused on ECA—the asset that uses the most water—and on TDM, which is next highest in water consumption.

At ECA we use water exclusively for the heating process required to produce a phase change in natural gas, which means the liquid never comes in contact with any materials and, consequently, is never contaminated. Additionally, 99% of the water used at ECA is extracted from the ocean and returned to the original source, always strictly complying with the specifications described in this operation’s environmental permits. The other 1% is wastewater that we treat in a plant that cleans it before it is discharged into the ocean.

Every quarter an accredited laboratory analyzes the physical and chemical characteristics of ECA’s discharge water to ensure we fully comply with the conditions established in our discharge permit and with the authorized contaminant limits established in the regulations.

At TDM we use demineralized water to produce the steam needed to move the turbine and for the cooling system. The water used for TDM’s processes is municipal wastewater from the Zaragoza oxidation lagoon, in Mexicali. In 2017, we used 1.80m³ of water/exported MW, which constitutes an excellent optimization compared to the prior year, when 2.06 m³/exported MW were used.

TDM’s wastewater is treated to eliminate organic contaminants and mineral salts by employing different processes. The wastewater treatment plant can process a volume of 920m³/h. The water treated

TDM USES STATE-OF-THE-ART ENVIRONMENTAL TECHNOLOGIES THAT COMPLY WITH OR EVEN SURPASS ALL APPLICABLE NORMS IN MEXICO AND IN THE STATE OF CALIFORNIA

at TDM is used several times before being discharged. It is purged in the heat recovery units and the cooling towers and then is discharged into a branch of the Río Nuevo, in compliance with our discharge permit and the NOM-001-SEMARNAT-1996 norm.

TDM uses state-of-the-art environmental technologies that comply with or even surpass all applicable norms in Mexico and in the state of California, making it one of the cleanest natural-gas-fired power plants among those supervised by the Western Electricity Coordinating Council (WECC).

REPORT ON IENOVA’S TOTAL WATER DISCHARGE*

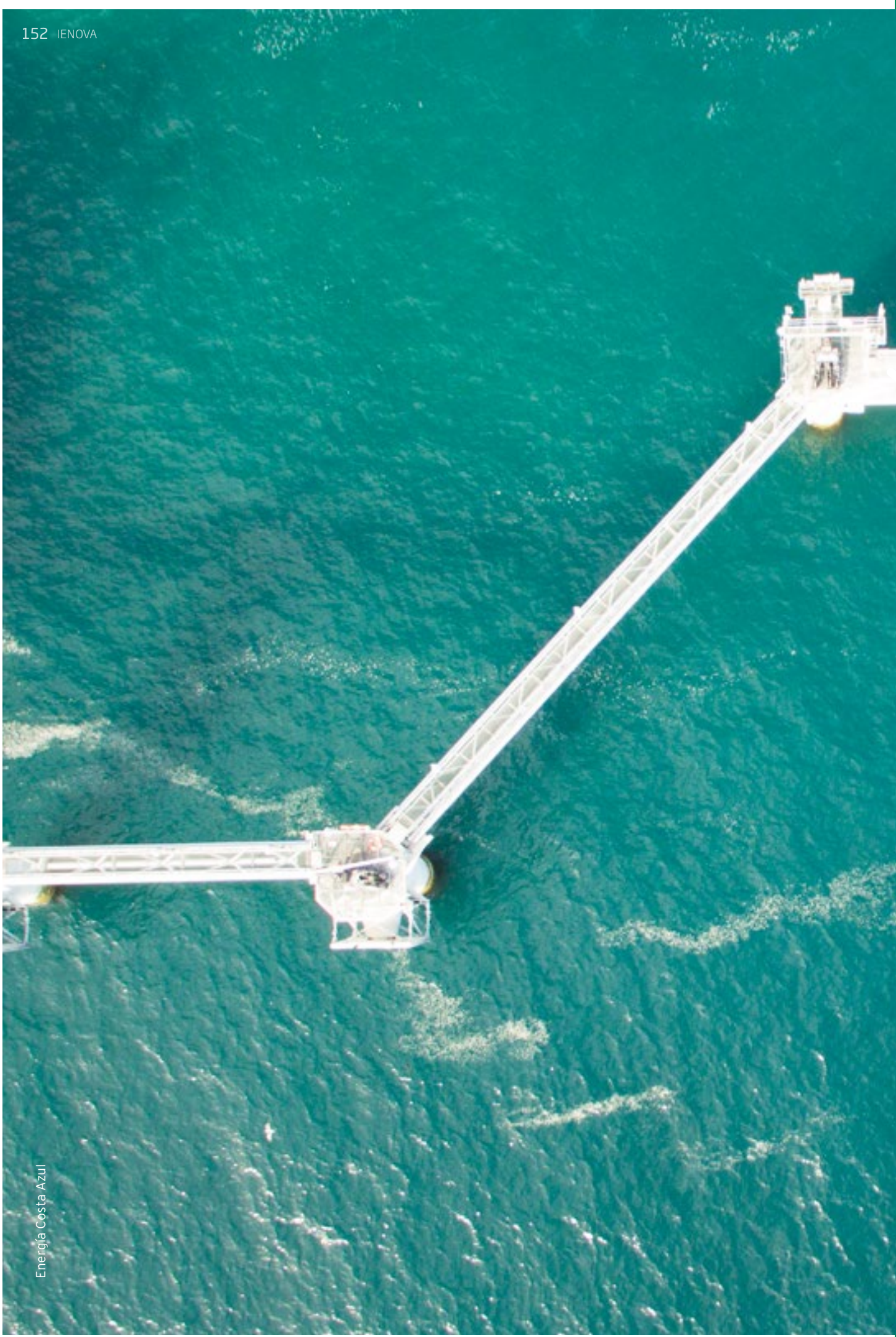
[306-1]

TYPE OF DISCHARGE	AMOUNT (m³)		
	2015	2016	2017
Water discharged into municipal treatment plants	4,803	5,807	11,695
Water discharged to other sources	1,622,572	1,892,004	1,415,723
Water discharged to the ocean	2,088	2,104	2,024
Total water discharged	1,629,463	1,899,915	101,822,290
Water returned to its original extraction source in the same or better conditions	93,746,404	74,543,748	100,392,848

* The majority of water is used by ECA and TDM.
** Total water discharged to the ocean: 100,394,872 m³
Water returned to its original extraction source in the same or better conditions 100,392,848 m³ (water discharged minus the amount of water treated by the wastewater treatment plant).



Energía Costa Azul

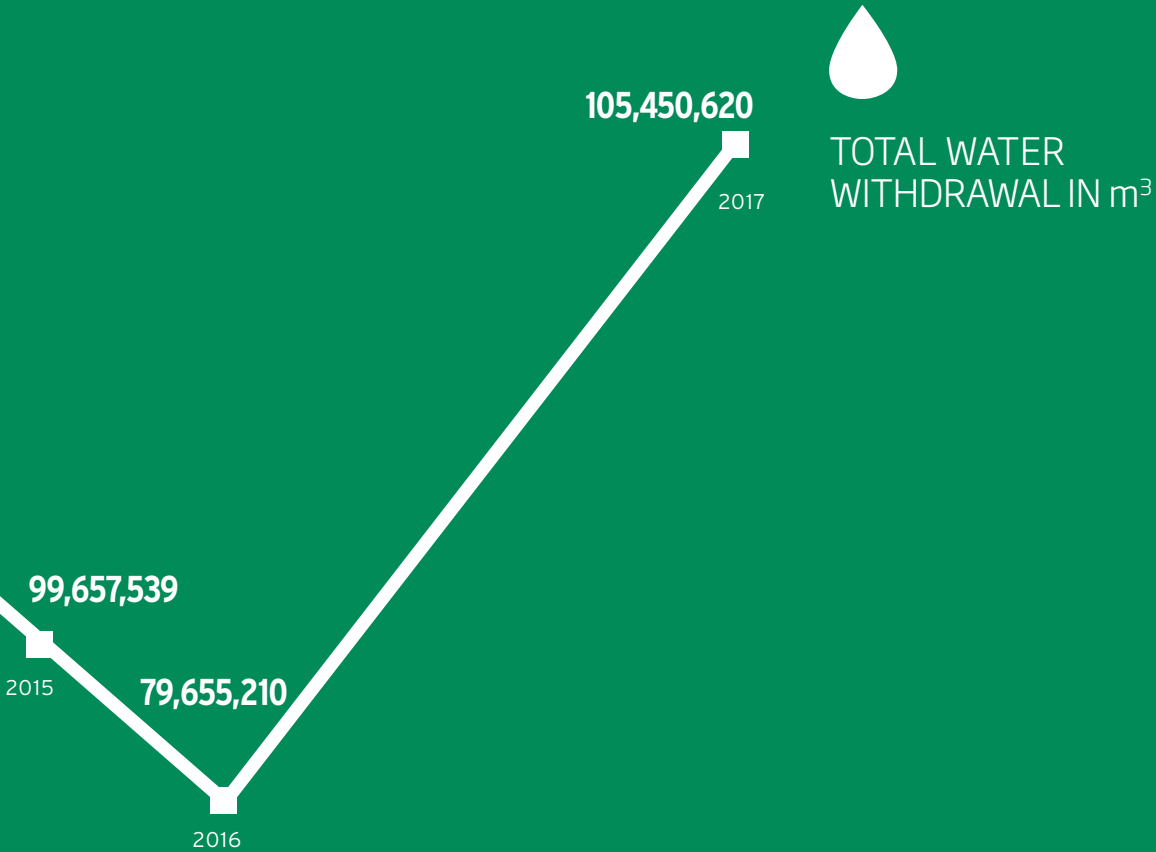


Energia Costa Azul

REPORT ON IENOVA'S TOTAL WATER
BY TYPE OF EXTRACTION SOURCE
[303-1]

TOTAL WATER WITHDRAWAL BY SOURCE
AMOUNT (m³)

GROUND WATER	MUNICIPAL WASTE WATER	MUNICIPAL WATER	WATER OBTAINED FROM OTHER SOURCES (OCEAN WATER)	
4,544	4,866,458	14,081	100,565,537	2017
3,010	4,973,429	5,954	74,672,817	2016
2,320	5,846,377	4,669	93,804,173	2015



CONSERVATION OF BIODIVERSITY

[304-1, 304-2, 304-3, 413-1, OG4]

At IEnova we have developed several programs aimed at conserving biodiversity that vary depending on the applicable environmental regulations, the characteristics of the project, and the affected ecosystem. They are divided into two basic types of actions:



FLORA RESTORATION,
CONSERVATION AND
COMPENSATION



**PROTECTION
AND RESCUE
OF WILDLIFE**

We use those programs centered on conserving biodiversity to fully comply with the guidelines of the authorizations issued in favor of IEnova. As a good practice within our company, we have voluntarily continued to implement some of the programs with which we contribute to preserving natural resources.

To optimize the efforts and resources we allocate to these programs, we designed a Strategy for the Conservation of Natural Resources. It describes the general principles needed to foster a culture of environmental stewardship and the correct way to handle natural resources so that, when carrying out our activities, focused investments are made to maximize the expected results.



FLORA RESTORATION AND
COMPENSATION

IEnova has worked to efficiently manage the natural resources at all operating units and projects under construction, particularly those that, by their very nature could potentially have an impact on the environment. Part of this effort includes executing reforestation programs in areas impacted by construction, starting with the cultivation in nurseries of plants native to the region.

Nurseries installed near the construction site to protect and compensate flora have become a flagship IEnova program. The goal of these nurseries is to, first, protect and produce plants in a controlled environment, and, then, replant in the affected site specimens of the different species of native plants we found when first arriving at that site.

The ECA Rescue, Protection, and Conservation Program is an excellent example of our best practices. Although our environmental permits and authorizations stipulated that we only had to maintain it for five years, we have continued to operate this program for more than ten years now. We carry out habitat maintenance, propagation, and landscaping efforts. We focus on maintaining the plants produced in the nursery, with a total as of this year of 52,154 seedlings of 19 species of costal bushes, with excellent survival rates that surpass the level established by the regulation. Diversity values for the species are similar, and in some cases even slightly higher, than the measurement we took at the beginning of the program, with a better balance in the species that are present and thus greater stability in the ecosystem.

We are currently still producing native plants at the nursery, particularly those requiring more maintenance, care, propagation, and production efforts. These include the *Ferocatus viridescens*, deemed to be an at-risk species by the NOM-059 SEMARNAT-2010 norm, and other endemic plants such as the coastal agave (*Agave shawii*) and the *Malosma laurina* and *Euphorbia misera* bushes, among others.

THE ECA RESCUE,
PROTECTION, AND
CONSERVATION PROGRAM
IS AN EXCELLENT EXAMPLE
OF OUR BEST PRACTICES

In close collaboration with our suppliers, we have gained considerable experience in handling endemic species of flora at all our construction sites. The rescue, restoration, compensation, and conservation programs include, to a greater or lesser degree depending on the program, the following activities:



INSTALLING NURSERIES
TO PRODUCE, IN A CONTROLLED ENVIRONMENT, SPECIMENS OF DIFFERENT SPECIES OF PLANTS NATIVE TO THE REGION IN WHICH A GIVEN PROJECT IS BUILT



RESCUING
ENDEMIC AND AT-RISK SPECIES



ACQUIRING
AND GERMINATING SEEDS THROUGH COLLECTORS CERTIFIED BY THE NATIONAL FOREST COMMISSION (CONAFOR)



REFORESTING
AFFECTED AREAS WITH ENDEMIC SPECIES



INSTALLING
DRIP IRRIGATION SYSTEMS



MONITORING
THE RESULTS OF HABITAT RESTORATION RESULTS PERIODICALLY

INVENTORY OF
NURSERY-PRODUCED PLANTS



52,154

SPECIMENS OF 19 SPECIES OF
COASTAL BUSHES PRODUCED
IN THE ECA NURSERY



RESCUE AND RESTORATION
PROGRAMS IN FORCE
AT YEAR-END 2017
[304-1, 413-1]

2016

San Isidro Samalayuca Pipeline: Flora Rescue and Relocation Program

Ojinaga-El Encino Pipeline: Flora Protection and Conservation Program

2014

Los Ramones I Pipeline: Flora Protection and Conservation Program

Los Ramones II Pipeline: Flora Protection and Conservation Program

Ethane Pipeline: Flora Rescue and Relocation Program

2013

Sonora Pipeline: Flora Rescue and Relocation, Environmental Awareness, Soil Conservation, and Revegetation

2012

Ventika Flora and Fauna Rescue Program

ESJ Flora Protection and Conservation Program

2008

Restoration of the Ecosystems Affected by the Construction of the Expansion of the Rosarito Pipeline Project

2006

Rescue, Replanting, and Protection of Endemic and At-Risk Plants at the Expansion of the Rosarito Pipeline

Plan to Rescue and Preserve the Flora at Energía Costa Azul (ECA)

COMPENSATION AND CONSERVATION
PROGRAMS IN FORCE
AT YEAR-END 2017

2017

Energía Costa Azul (ECA) Reforestation Program

Sonora Pipeline Reforestation Program

ESJ Environmental Compensation Program

2011

Program to Reforest the *Pinus Jeffreyi* at Sierra Juárez, Baja California during Construction of the Rosarito Pipeline

2009

Program to reforest the *Prosopis juliflora* shrub in the Areas Impacted by the Construction of the Compression Station of the Rosarito Pipeline

Program to Reforest the *Prosopis Juliflora* and *Prosopis Chilensis* in Areas Impacted by the Construction of the Rosarito Pipeline

2006

Plan to Rescue and Preserve the Flora at Energía Costa Azul (ECA)

In 2017 we were able to standardize the environmental programs in force in assets previously belonging to Gasoductos de Chihuahua that we acquired in 2016, so that they complied with the rescue and preservation standards of our programs.

It is worth mentioning that this year at ECA we reforested more than 29 hectares that were affected by forest fires during prior years. With a reforestation program designed specifically for each area, we planted more than 6,500 specimens of nine species of coastal bushes.



WE STANDARDIZED THE ENVIRONMENTAL
PROGRAMS OF ASSETS PREVIOUSLY
BELONGING TO GASODUCTOS DE
CHIHUAHUA THAT WE ACQUIRED IN 2016,
SO THAT THEY COMPLIED WITH OUR
RESCUE AND PRESERVATION PROGRAMS

PROTECTION
AND RESCUE
OF WILDLIFE
[304-1]

Before we start developing any project, we perform the necessary assessments to measure its potential impact on the ecosystem. Prior to beginning to build a project, we suggest to the authorities the measures we need to implement in order to protect the habitat and species of wildlife found in the area; our practices are often stricter than what the environmental legislation stipulates.

Our Marine Mammals Monitoring Program (MMMP) is particularly relevant. We established the program in 2003, before we started building our liquefied natural gas terminal, Energía Costa Azul. We operate this program in collaboration with the Ensenada Center for Scientific Investigation and University Studies (CICESE), and the Autonomous University of Baja California (UABC), among other experts. The program renders the data required to protect species in the region, particularly the gray whale—whose migratory route is located near ECA—to study migration patterns and ensure the free passage of the marine species.

Based on periodic measurements of several environmental indicators, we have been able to confirm that we have not affected the behavior of marine mammals in the area. In 2017, we registered the presence of 13 species, notably gray whales, dolphins, and orcas. We have historic records for 15 species of mammals, and sightings vary from year to year.

In addition, we implement fauna rescue and relocation programs to identify the species living along the right of way of the pipelines and other assets. We establish programs to protect and relocate the

WE ESTABLISH
PROGRAMS TO
PROTECT AND
RELOCATE FAUNA
TO A SAFE PLACE

identified fauna to a safe place. We train the staff who will be in charge of caring for the rescued wildlife. Because we use species-specific techniques to capture them, we were able to set the specimens free on the same day that they are captured in forest areas that are similar to the area from which they were rescued.

PROGRAM TO RESCUE, PROTECT,
AND PRESERVE BENTHONIC FAUNA

Before construction of our ECA facility began, we started implementing a program to rescue, transplant, sow, and monitor organisms of high commercial and ecological value. With this program, which we carry out in collaboration with local fishermen and scientists of the Autonomous University of Baja California (UABC), the organisms have continued to register the same sequence of changes to their population structure that they would have if ECA had not been built on that location. Through the introduction of new young specimens we contribute to conserving the species and to offsetting natural mortality rates.

When construction of this plant began, we rescued more than 900,000 relevant marine organisms, including different species of sea urchins, sea cucumbers, and snails. Since 2007, we have performed twice yearly monitoring of the protected organisms. We have found that survival rates for the transplanted populations are higher than 99%. The training on sustainable harvesting techniques that we offered local fishermen is a significant contributor to the program's success.



PROJECTS UNDER CONSTRUCTION

At IEnova, prior to developing any project, we measure the potential impacts of the construction, operation, and maintenance of a project on the components of the ecosystems. Thus, before the onset of construction, we consider measures needed to protect species of wild fauna and flora and their habitat guided not only by the regulations in force but also by our commitment to preserving natural resources using the previously described programs. The following are among the activities we perform before we begin to build a project:

- Capture the wildlife in the area to relocate all specimens to nearby places where they can live as in their original habitat, but under safe conditions.
- Identify and rescue species of flora to keep them in a temporary safe place. Reintroduce rescued flora to areas where we will continue to care for them once construction work is done.
- Carry out a reinforced re-vegetation process that consists of sowing seeds of the species of endemic flora along the whole temporarily affected strip of land.
- Perform maintenance tasks, which include irrigation, applying fertilizers, and monitoring the area to determine survival rates.

At the Pima Solar, Rumorosa Solar, and Tepezalá Solar parks, which we will start to build in 2018, we have already carried out the corresponding environmental feasibility studies. At each asset, we will design a specific flora and fauna conservation program based on the results of these studies.

Applying the Strategy to Preserve Natural Resources based on environmental feasibility studies enabled us to reduce the environmental impact of the projects to be built in 2018. We took into consideration the land use and vegetation zoning allowances currently in force in order to protect sensitive or relevant ecosystems and take advantage of the existing infrastructure. For Pima Solar, we will avoid affecting forest areas. At Tepezalá Solar, we reduced by 4% the total surface of the project to protect natural vegetation land.

APPLYING THE STRATEGY TO PRESERVE NATURAL RESOURCES AND THE ENVIRONMENTAL FEASIBILITY PROJECTS ENABLED US TO REDUCE THE ENVIRONMENTAL IMPACT OF THE PROJECTS TO BE BUILT IN 2018



ASSETS BELONGING TO JOINT VENTURES

[304-1, 304-2, 304-3]

We extend our commitment to preserve biodiversity to those assets we have developed in collaboration with other companies: Energía Sierra Juárez, the Los Ramones Norte Pipeline, and the Sur de Texas-Tuxpan marine pipeline. We implement measures to ensure flora and fauna relocation, protection, and conservation programs at these assets comply with IEnova's best practices.

Before the beginning of construction work, we determined that the paths of these assets have no impact on the natural protected areas or areas considered to have high biodiversity. Additionally, we performed an assessment of the local flora and fauna to list the species under certain degrees of protection, in accordance to the official norm. Rescue, protection, and conservation works are adapted to the needs of each project.

At the Energía Sierra Juárez wind farm, programs to protect the environment and the flora and fauna of the Sierra de Juárez mountain range, where the asset is located, are particularly important given the magnitude of the project. Different activities were begun before construction started, and they will be maintained for five years. Among them, the following are the most relevant:

- Maintain a permanent revegetation program.
- Produce or acquire reforestation plants and maintain the nursery (collecting seeds, producing long-life-cycle plants).
- Reforest more than 400 hectares.
- Install soil rehabilitation and protection systems, including terraces and trenches to avoid erosion.
- Maintain and protect reforested areas.
- Perform periodic environmental monitoring.

In addition, we implement an important program in collaboration with the San Diego Zoo to identify and monitor birds and bats. Among other things, we study the flight patterns and territories of the California Condors and the Golden Eagles that inhabit the border between Mexico and the US. Among other data, we estimate the risk of collision with the wind turbines and power lines, and the measures we can implement to minimize such occurrences.

WE IMPLEMENT A PLAN FOR ENVIRONMENTAL MANAGEMENT AND MONITORING TO FOLLOW-UP ON THE MITIGATION MEASURES IMPLEMENTED IN THE PROJECT

Since 2013, the Jalapa Institute of Ecology (INECOL), in the state of Veracruz, has studied local birds and bats. In 2017, we recorded the presence of 80 bird species and 20 bat species in the area. According to the guidelines of the Mexican norm, we determined that only two of the species were identified as at-risk: the sharp-shinned hawk (*Accipiter striatus*), that is subject to special protection, and the Mexican falcon (*Falco mexicanus*), an at-risk species. Among the bats found, two species are under some degree of protection: the Mexican long-tongued bat (*Choeronycteris mexicana*) and the long-eared myotis (*Myotis evotis*).

We also carry out a Plan for Environmental Management and Monitoring to follow-up on the mitigation measures implemented in the project. Prior to and during construction, we complied with the conditions established by our official Environmental Impact Authorization. Now that we are operating, this program has migrated to an Environmental Management System, aligned with ISO 14001.

At the Los Ramones Norte Pipeline, we implemented the Maintenance Program for the Storage Centers for Plants Rescued from the pipeline in collaboration with the School of Forest Sciences of the Autonomous University of Nuevo León (UANL). The flora specimens rescued during the construction phase are currently being kept at five storage centers that were set up for the project in the states of Nuevo León, Tamaulipas, and San Luis Potosí through which the pipeline runs. There is also a sample of the specimens at the Botanical Gardens of the UANL's School of Forest Sciences. We are holding 180,312 specimens of 58 species of flora, out of which 21 are under some degree of protection, and we have maintained survival rates at the 80% mark established by the General Law for Sustainable Forest Development. It is important to point out that a goal of the program is for students to do their graduate and post graduate theses and dissertations on the phenology and development of endemic flora in the region, and to produce scientific articles and reference books that address these efforts.



ENVIRONMENTAL PILLAR

2017 PROGRESS AND 2018 CHALLENGES

[102-44, 102-48,
103-1, 103-2]

- ★ REACHED
- 🕒 IN PROGRESS 2018
- + NEW 2018 CHALLENGE

2017 PROGRESS

ENVIRONMENT

- ★ Implement the Strategy for Managing and Using Waste.
- ★ Implement the Sustainable Office Program at all operating units recently acquired by IEnova and in those over which IEnova has operating control.
- ★ Obtain or maintain the Clean Industry or Environmental Quality certificate offered by Profepa at all our operating units during the first 12 months after they begin to operate or after we gain operating control of them.
- ★ Draft a short-, medium-, and long-term implementation program derived from the Strategy to Preserve Natural Resources.
- ★ Draft a short-, medium-, and long-term implementation program derived from the Climate Change strategy.

2018 CHALLENGES

- 🕒 Keep operating and monitoring the Sustainable Office Program at all assets operated by IEnova.
- 🕒 Obtain or maintain the Clean Industry or Environmental Quality certificate offered by Profepa and/or ASEA at all our operating units during the first 12 months after they begin to operate or after we gain operating control of them.
- 🕒 Implement the short-term measures included in the Climate Change Strategy.
- + Develop environmental training workshops.

[102-56]



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Independent assurance report on the 2017 Sustainability Report to Infraestructura Energética Nova, S.A.B. de C.V., to the Management of IEnova

Responsibilities of IEnova and independent reviewer

The Management of IEnova is responsible for the elaboration of the 2017 Sustainable Report (SR) for the period from January 1st to December 31st, 2017, as well as its content ensuring to define, adapt and maintain the management systems and internal control from which the information is obtained, and which are also free of material misstatement due to fraud or error. Our responsibility is to issue an independent report based on the procedures applied during our review.

This report has been prepared exclusively in the interest of IEnova in accordance with the terms of our agreement letter dated December 20th, 2017, therefore we don't assume any responsibility to third parties and is not intended to be nor should it be used by someone other than the Management of IEnova.

Scope of our work

The scope of our assurance was limited, and is substantially lower than a reasonable assurance work, therefore the security provided is also lower. This report in no case can be understood as an audit report.

We conducted the 2017 SR review under the following conditions and/or criteria:

- The adaptation of the 2017 SR disclosures to the *Sustainability Reporting Standards Guidelines of the Global Reporting Initiative (GRI)* and according to the materiality study provided by IEnova.
- The review of the *GRI Standards* disclosures in accordance with the reporting requirements and specified in the GRI Content Index of the 2017 SR.
- The data consistency between the information contained in the 2017 SR with supporting evidence provided by management.

We have complied with the independence and ethics requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants (IESBA Code) based on integrity, objectivity, professional competence and due care, confidentiality and professional behavior principles.

Assurance standards and procedures

We have performed our work in accordance with the International Auditing Standard ISAE 3000 Revised Assurance Engagements other than Audits or Reviews of Historical Financial Information issued by the International Auditing and Assurance Standards Boards (IAASB) of International Federation of Accountants (IFAC).

Our review work included the formulation of questions to the management as well as different areas of IEnova that have participated in the elaboration of the 2017 SR and the application of certain analytical and sample screening tests procedures that are described below.

- Meetings with staff of IEnova to learn the principles, systems and applied management approaches.
- Analysis of the process to collect, validate and consolidate the data presented in the 2017 SR.
- Analysis of scope, relevance and integrity of the information included in the 2017 SR in terms of the understanding of IEnova and of the requirements that stakeholders have identified as material aspects.
- Selected sample review from the evidence that supports the information included in the 2017 SR.
- Quality assurance by an independent Partner of the project that verifies consistency between this report and the proposal, as well as work process quality and deliverables.

IEnova | Independent assurance report on the 2017 Sustainability Report

The following table details the revised disclosures according with the *Sustainability Reporting Standards Guideline*:

SRS-102-8	SRS-102-42	SRS-103-1	SRS-302-1	SRS-305-2	SRS-401-2
SRS-102-16	SRS-102-43	SRS-103-2	SRS-303-1	SRS-305-3	SRS-403-2
SRS-102-17	SRS-102-44	SRS-201-1	SRS-304-1	SRS-306-2	SRS-404-1
SRS-102-40	SRS-102-46	SRS-203-1	SRS-304-2	SRS-306-3	SRS-406-1
SRS-102-41	SRS-102-47	SRS-205-2	SRS-305-1	SRS-307-1	SRS-413-1

Scope review considerations in the disclosures:

SRS 203-1 the impacts on communities and local economies are not included, only infrastructure investments.

These disclosures were selected for the independent review in accordance with the following criteria:

- Materiality of IEnova referred in the 2017 SR.
- Information included in the 2017 SR.
- Information provided during the meetings with the interviewed staff.
- Review of the evidence provided by IEnova staff of this project.

Conclusion

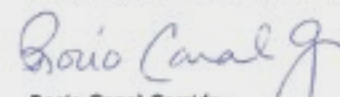
Based on our work described in this report, the performed procedures and the evidence obtained, nothing comes to our attention that could make us believe that the disclosures reviewed in the 2017 SR contains significant errors or has not been prepared in accordance with the reporting requirements established in the GRI 101: *FOUNDATION of the Sustainability Reporting Standards*. For those *GRI Standards* disclosures where IEnova didn't report in quantitative terms (numeric) the independent reviewer reviewed the qualitative information, which includes procedures, policies, evidence of the activities performed, among others.

Action alternatives

Additionally we present the most significant action alternatives for future development of SR, which do not alter the conclusions expressed in this report:

- Strengthen the internal management system to compile, analyze and review the amount and impacts of the projects and initiatives on communities through internal tools development that allow to apply procedures to manage the information.
- Stablish revision and up-dating processes to the environmental databases in order to have reliable information.

Deloitte Sustentabilidad, S.C.
Member of Deloitte Touche Tohmatsu Limited


Rocío Canal Garrido
Sustainability Managing Director
May 29th, 2018



STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
GRI 102 GENERAL DISCLOSURES 2016				
102-1	Name of the organization	Infraestructura Energética Nova, S.A.B. de C.V. (IEnova)		
102-2	Activities, brands, products, and services	18-19		
102-3	Location of headquarters	Mexico City		
102-4	Location of operations	16, 17, 20, 21		
102-5	Ownership and legal form	IEnova is a public stock corporation with variable capital (S.A.B. de C.V.) established under the laws of Mexico.		
102-6	Markets served	16-21, 64, 68		
102-7	Scale of the organization	64, 65		
102-8	Information on employees and other workers	84, 86, 89, 91, 173 We have an ERP- Enterprise Resource Planning- system where Human Capital concentrates the information pertaining to all employees at all the IEnova assets. (103-2).	We do not report a break-down by region or type of contract. Reason for the omission: All information is consolidated for IEnova as a whole, not by operating unit or type of contract.	Yes, pages 170, 171
102-9	Supply Chain	64-66		
102-10	Significant changes to the organization and its supply chain	18, 19		
102-11	Precautionary principle or approach	40-42		
102-12	External initiatives	Inside front cover, 348		
102-13	Membership of associations	51		
102-14	Statement from senior decision maker	10-13		
102-15	Key impacts, risks, and opportunities	10-13, 40-42		
102-16	Values, principles, standards, and norms of behavior	9, 44, 45		Yes, pages 170, 171
102-17	Mechanisms for advice and concerns about ethics	44, 45, 50		Yes, pages 170, 171
102-18	Governance structure	46-50 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf pages 203-212		
102-19	Delegating authority	24-29		
102-20	Executive-level responsibility for economic, environmental, and social topics	24-29 The Chief Corporate Affairs & HR Officer chairs the Sustainability Committee, which in turn reports to the highest governance body, as per its bylaws.		

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
102-22	Composition of the highest governance body and its committees	46-50 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf pages 203-212		
102-23	Chair of the highest governance body	46, 47 Carlos Ruiz Sacristán serves as Chairman of the Board of Directors and CEO of IEnova.		
102-24	Nominating and selecting the highest governance body	46, 47 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf pages 203-212		
102-25	Conflicts of interest	44, 46, 50 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf pages 203-212		
102-26	Role of the highest governance body in setting purpose, values, and strategy	IEnova Bylaws. http://www.bmv.com.mx/docs-pub/compulsa/compulsa_756709_2020_1.pdf		
102-28	Evaluating the highest governance body's performance	46-50 The members of the Managing Board annually evaluate performance.		
102-29	Identifying and managing economic, environmental, and social impacts	40-42 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf pages 203-212		
102-30	Effectiveness of risk management processes	IEnova Bylaws. http://www.bmv.com.mx/docs-pub/compulsa/compulsa_756709_2020_1.pdf		
102-31	Review of economic, environmental, and social topics	24, 26, 27, 28, 40, 41, 42		
102-32	Role of the highest governance body in setting purpose, values, and strategy.	24, 26, 27, 28, 49		
102-33	Communicating critical concerns	24, 26		
102-35	Remuneration policies	http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf page 213		
102-36	Process for determining remuneration	http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf page 213		
102-40	List of stakeholder groups	29, 30, 31, 32		Yes, pages 170, 171
102-41	Collective bargaining agreements	3.8% of our employees are unionized. 3 women and 32 men. (102-8)		Yes, pages 170, 171
102-42	Identifying and selecting stakeholders	The IEnova Model to Manage Stakeholders is a process in which the members of the Sustainability Committee participate. The model is reviewed annually to ensure that the most relevant stakeholders are included in the company's sustainability strategy. The members also monitor compliance with the annual goals of the Sustainability Commissions, including addressing those expectations that have been deemed a priority. For more information, please view our Sustainability Policy at: http://www.ienova.com.mx/pdf/Politica-de-Sustentabilidad.pdf		Yes, pages 170, 171

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
102-43	Approach to stakeholder engagement	30,31, 75		Yes, pages 170, 171
102-44	Key topics and concerns raised	32, 58, 75, 80, 134, 168		Yes, pages 170, 171
102-45	Entities included in the consolidated financial statements	62, 348 The data published refers to the Gas and Electricity business segments in which IEnova participates through companies that offer natural gas, LPG, and ethane transportation and storage services, as well as storage for liquefied natural gas; companies that distribute natural gas; and companies that produce electricity.		
102-46	Defining report content and topic Boundaries	GRI 101:FOUNDATIONS 2016 28, 30, 34, 58, 348 We adhere to the Principles for drafting reports related to the definition of quality. Principle of sustainability context, p. 28, 58 Principle of materiality, p. 34 Inclusion of stakeholders, p. 30, 58 Precision, p. 348 Equilibrium- About this Report Clarity- p. 348 Comparability- p. 348 Reliability- p. 348 Punctuality- p. 348		Yes, pages 170, 171
102-47	List of material topics	34, 35		Yes, pages 170, 171
102-48	Restatements of information	34, 58, 80, 134, 168 A footnote has been used in cases where a restatement exists.		
102-49	Changes in reporting	348		
102-50	Reporting period	348		
102-51	Date of most recent report	The last report was published on May 31st 2017, and it covered the period between January 1st and December 31 st 2016.		
102-52	Reporting cycle	This report has been published annually for the past five years.		
102-53	Contact point for questions regarding the report	Corporate Headquarters Paseo de la Reforma 342, Piso 24, Colonia Juárez, Delegación Cuauhtémoc Mexico City, 06600 Phone (5255) 91380100		
102-54	Claims of reporting in accordance with the GRI Standards	Pág. 348 This report has been prepared in accordance with the GRI Standards, essential option.		
102-56	External assurance	170, 171, 348		
GRI 103 MANAGEMENT APPROACH 2016				
103-1	Explanation of the material topic and its Boundary	Páginas: 12, 34, 84, 134, 140, 168 The relevant topics included in this report are founded on the three pillars, economic, social, and environmental, described in our Sustainability Policy and approved by the Sustainability Committee. The prioritization and coverage of the topics is based on the company's materiality assessment.		Yes, pages 170, 171
103-2	The management approach and its components	24, 26, 28, 40, 41, 72, 73, 75, 84, 94, 104, 105, 107, 120, 121, 134, 138, 140, 141, 168		Yes, pages 170, 171
103-3	Evaluation of the management approach	34, 75		

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE												
SPECIFIC TOPICS																
GRI 200 ECONOMIC 2016																
201-1	Direct economic value generated and distributed	79		Yes, pages 170, 171												
201-3	Defined benefit plan obligations and other retirement plans	100-102														
201-4	Financial assistance received from government	The company received no financial assistance from government.														
203-1	Infrastructure investments and services supported	116, 119, 129-132 Currently, the Fundación IEnova operating model is focused on measuring results. We are evaluating a mechanism to measure impact.		Yes, pages 170, 171												
203-2	Significant indirect economic impacts	64														
204-1	Proportion of spending on local suppliers	66														
205-1	Operations assessed for risks related to corruption	44														
205-2	Communication and training about anti-corruption policies and procedures	44 IEnova's Corporate Ethics Policy establishes that only those employees who have direct or indirect contact with authorities need to be certified in anti-corruption. In 2017, 100% of employees who were identified as having this kind of contact received the corresponding training.		Yes, pages 170, 171												
		<table><tr><th>CATEGORY</th><th>NUMBER OF EMPLOYEES</th></tr><tr><td>Vice Presidents</td><td>11</td></tr><tr><td>Directors</td><td>18</td></tr><tr><td>Managers</td><td>87</td></tr><tr><td>Staff and administrative</td><td>290</td></tr><tr><td>Total</td><td>406</td></tr></table>	CATEGORY	NUMBER OF EMPLOYEES	Vice Presidents	11	Directors	18	Managers	87	Staff and administrative	290	Total	406		
CATEGORY	NUMBER OF EMPLOYEES															
Vice Presidents	11															
Directors	18															
Managers	87															
Staff and administrative	290															
Total	406															
205-3	Confirmed incidents of corruption and actions taken	There were no corruption incidents during the year.														
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	There were no claims regarding anticompetitive behavior.														
GRI 300 ENVIRONMENTAL 2016																
302-1	Energy consumption within the organization	28,818,309.82 MMBTU (30,404.9 Terajoules) (99.55% from natural gas, 0.30% from gasoline and diesel, 0.15% from electric power, 0.0004% from LPG)		Yes, pages 170, 171												
303-1	Water withdrawal by source	150-153		Yes, pages 170, 171												
303-2	Water sources significantly affected by withdrawal of water	150														
303-3	Water recycled and reused	150														

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	154-156, 160, 162, 163, 166, 167 None of our operations are located on protected areas. However, as a good practice, we develop programs to protect, rescue, conserve, and compensate flora, and to protect and rescue wildlife.		Yes, pages 170, 171
304-2	Significant impacts of activities, products, and services on biodiversity	154, 166 None of our operations are located in protected areas. However, we develop programs to protect, compensate, and reforest flora, and to protect and rescue wildlife.		Yes, pages 170, 171
304-3	Habitats protected or restored	154, 166		
305-1	Direct (Scope 1) GHG emissions.	144, 147 We have a computer platform in place to manage information related to emissions, which is collected throughout the year.		Yes, pages 170, 171
305-2	Energy indirect (Scope 2) GHG emissions.	144, 147 We have a computer platform in place to manage information related to emissions, which is collected throughout the year.		Yes, pages 170, 171
305-3	Other indirect (Scope 3) GHG emissions.	144 We have a computer platform in place to manage information related to emissions, which is collected throughout the year.		Yes, pages 170, 171
305-5	Reduction of GHG emissions.	144		
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	144		
306-1	Water discharge by quality and destination	150, 151		
306-2	Waste by type and disposal method	149		Yes, pages 170, 171
306-3	Significant spills	149 There were no significant spills. Based on the criteria established by Profepa (Criteria for classifying environmental emergencies in member organizations of the National Environmental Audit Program), an event can be classified as minor if the volume spilled is less than 1 m³.		Yes, pages 170, 171
307-1	Non-compliance with environmental laws and regulations	We paid one fine worth mentioning, although the amount is insignificant: One of the IEnova subsidiaries (Gasoducto de Aguaprieta, S. de R.L. de C.V. -GAP) had to pay a fine for removing a 13,076 m² strip of forest vegetation in the state of Sonora without having the corresponding authorization, due to an involuntary omission. GAP informed ASEA of the situation in order for them to carry out an inspection and oversight procedure, resulting in a small economic sanction and the requirement to carry out remediation efforts in the affected area. These were begun in 2017 and will continue over the next few years until the area has been fully restituted.		Yes, pages 170, 171

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
GRI 400 SOCIAL 2016				
401-1	New employee hires and employee turnover	84		
401-2	Benefits provided for full-time employees that are not provided to temporary or part-time employees	100		Yes, pages 170, 171
403-1	Workers representation in formal joint management-worker health and safety committees	104		
403-2	Types of injury and rates of injury, occupational diseases, lost days, absenteeism, and number of work-related fatalities	115		Yes, pages 170, 171
403-3	Workers with high incidence or high risk of diseases related to their occupation	108		
404-1	Average hours of training per year per employee	94, 96		Yes, pages 170, 171
		AVERAGE HOURS OF TRAINING PER EMPLOYEE		
			M	F
		Executives and managers	35	42
		Specialized workers	36	33
		Other employees	63	45
		Total	45	40
404-2	Programs for upgrading employee skills and transition assistance programs	94		
404-3	Percentage of employees receiving regular performance and career development reviews	94		
405-1	Diversity of governance bodies and employees	46, 84		
406-1	Incidents of discrimination and corrective actions taken	During 2017 there were no discrimination cases reported on the IEnova helpline.		Yes, pages 170, 171
408-1	Operations and suppliers at significant risk for incidents of child labor	There were no potential risks of incidents of child labor identified by the operation.		
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	There were no potential risks of incidents of forced labor identified by the operation.		

STANDARD NUMBER	DISCLOSURE	PAGE OR DIRECT RESPONSE	OMISSIONS	INDEPENDENT ASSURANCE
410-1	Security personnel trained in human rights policies or procedures	All corporate safety agents that offer their services to the IEnova companies are trained in human rights as part of their general training.		
411-1	Incidents of violations involving rights of indigenous peoples	There were no incidents of violations involving rights of indigenous people.		
412-2	Employee training on human rights policies and procedures	102		
413-1	Operations with local community engagement, impact assessments, and development programs	116, 128-132, 154-157, 160 We currently monitor the results of our social projects. Entities benefited by Fundación IEnova submit quarterly reports as well as the supporting documentation needed to verify how the resources granted are being managed. We are working on defining the mechanisms that will allow us to measure the impact of our social programs in the mid-term.		Yes, pages 170, 171
415-1	Political contributions	There were no financial or in-kind contributions made to any political parties.		
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	72		
417-2	Incidents of non-compliance concerning product and service information and labeling	There were no incidents of non-compliance in 2017.		
419-1	Non-compliance with laws and regulations in the social and economic arena	There were no significant fines or sanctions for non-compliance.		
SECTOR SUPPLEMENT INDICATORS				
OG2	Total amount invested in renewable energy	http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf Energía Sierra Juárez (ESJ) is a wind farm located in Baja California, whose initial phase implied a total investment of approximately USD\$318 million. Ventika, a wind farm located in the state of Nuevo León. Acquisition price was USD\$920 million, including USD\$435 million in cash and existing bank debt for USD\$485 million. IEnova will develop, build, and operate the solar parks Tepezalá Solar and Rumorosa Solar, with a 100 MW _{AC} and 41 MW _{AC} capacity, respectively Total investment in these parks is estimated at USD\$150 million. pages 14, 15		
OG3	Total amount of renewable energy generated by source	18 http://www.bmv.com.mx/docs-pub/infoanua/infoanua_828273_2017_1.pdf		
OG4	Number and percentage of significant operating sites in which biodiversity risk has been assessed and monitored	154		
OG13	Number of process safety events, by business activity	76		

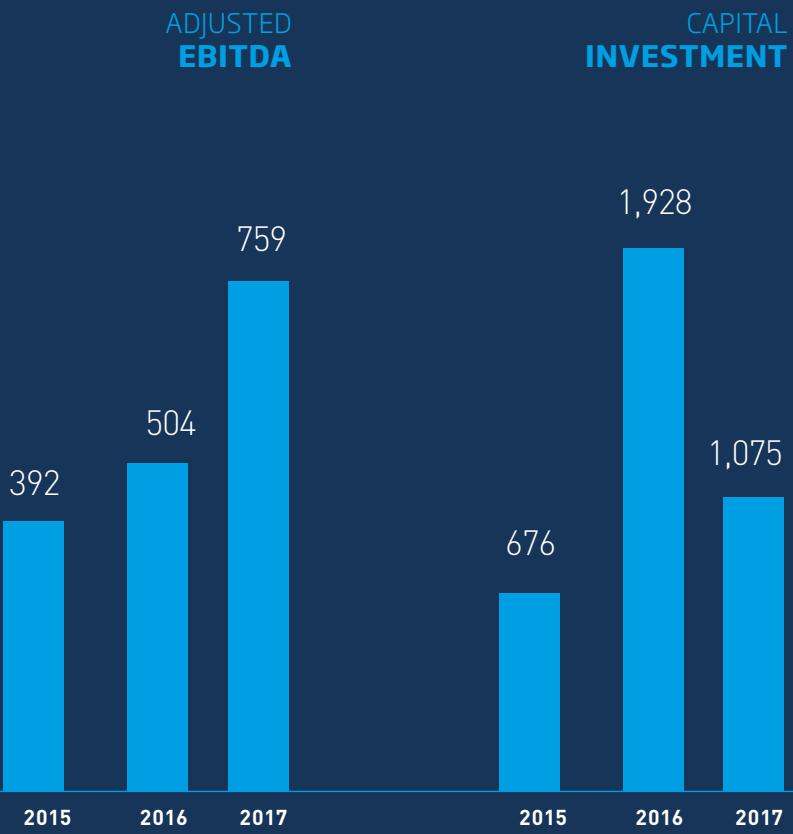
GLOBAL COMPACT
SDGs



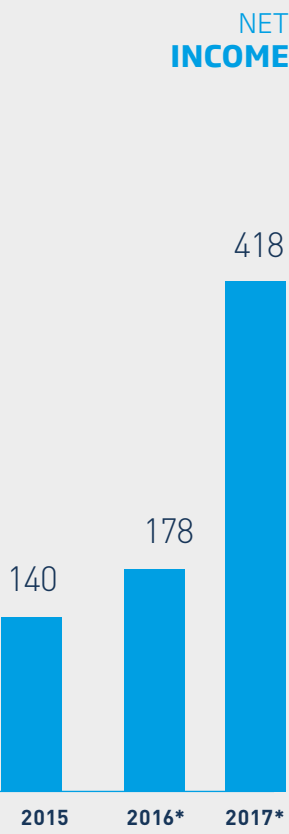
TOPIC	PRINCIPLES OF THE GLOBAL COMPACT	GRI STANDARD NUMBER	RELATED SUSTAINABLE DEVELOPMENT GOALS
Human Rights	1. Businesses should support and respect the protection of internationally proclaimed human rights; and	412-2, 410-1, 411-1, 103-2, 413-1	4
	2. Businesses should make sure that they are not complicit in human rights abuses.	412-2, 406-1, 407-1, 408-1, 409-1, 410-1, 411-1, 412-1, 414-1, 414-2, 103-2	
Labor Standards	3. Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	102-41	
	4. Businesses should uphold the elimination of all forms of forced and compulsory labor.	409-1	
	5. Businesses should uphold the effective abolition of child labor.	408-1	
	6. Businesses should uphold the elimination of discrimination in respect of employment and occupation.	102-8, 401-1, 401-2, 404-1, 404-3, 406-1	5, 8
Environment	7. Businesses should support a precautionary approach to environmental challenges.	302-1, 303-1, 305-1, 305-2, 305-3, 305-7	14, 15
	8. Businesses should undertake initiatives to promote greater environmental responsibility.	301-2, 302-1, 303-1 to 303-3, 304-1 to 304-3, 305-1 to 305-5, 305-7 306-1 to 306-3, 307-1	6
	9. Businesses should encourage the development and diffusion of environmentally friendly technologies.	302-1, 305-5	7, 9
Anti-Corruption	10. Businesses should work against corruption in all its forms, including extortion and bribery.	102-16, 102-17, 205-1 to 205-3, 415-1	16

FINANCIAL **HIGHLIGHTS**

FINANCIAL
HIGHLIGHTS



MILLIONS OF US DOLLARS, EXCEPT PERCENTAGES



* Exclude one-time non-cash effects.

EBITDA AND ADJUSTED EBITDA

We present “EBITDA” and “Adjusted EBITDA” in this earnings report for the convenience of investors. EBITDA and Adjusted EBITDA, however, are not measures of financial performance under IFRS and should not be considered as alternatives to profit or operating income as a measure of operating performance or to cash flows from operating activities as a measure of liquidity.

Our definition of EBITDA is profit for the period after adding back or subtracting, as the case may be, (1) depreciation and amortization, (2) financing cost, net, (3) other gains or losses, net, (4) income tax expense, (5) share of profits from joint ventures, net of income tax, and for the periods presented, (6) remeasurement of equity method investment, and (7) loss for the period from discontinued operations, net of income tax.

We define the JV EBITDA adjustment as our share of the profit from joint ventures, after adding back or subtracting, as the case may be, our share of: (1) depreciation and amortization, (2) financing cost, net, (3) other gains or losses, net, (4) income tax expense, and (5) share of profits of equity method investments, net of income tax.

We define the Discontinued operation EBITDA adjustment as the loss for the period from discontinued operations, net of income tax after adding back or subtracting, as the case may be, (1) depreciation and amortization, (2) financing cost, net, (3) other gains or losses, net, (4) income tax expense, and for the periods presented, (5) impairment.

MANAGEMENT’S DISCUSSION AND ANALYSIS
FOR 2017 RESULTS

We are the first private sector, publicly traded energy infrastructure company on the Mexican Stock Exchange and one of the largest private sector energy companies in Mexico in terms of market share. We develop, build, and operate essential energy infrastructure. Our footprint in Mexico includes several business lines that encompass a significant portion of the Mexican energy infrastructure value chain that is open to private investment

EXECUTIVE
SUMMARY

(THOUSANDS OF USD\$, EXCEPT PERCENTAGES)	YEAR ENDED DECEMBER 31,		
	2017	2016	% VAR.
Adjusted EBITDA*	758,639	504,021	51 %
Profit for the period	354,174	754,990	(53)%
Revenues	1,166,526	717,894	62 %

- In 2017, Adjusted EBITDA increased 51 percent to USD\$758.6 million, compared with USD\$504.0 million in 2016. The increase of USD\$254.6 million was mainly due to the acquisitions of Gasoductos de Chihuahua and Ventika, the start of operations of four pipelines, and the acquisition of an additional 25 percent of Los Ramones Norte pipeline.
- In 2017, profit was USD\$418.0 million, up 135 percent from USD\$177.7 million in 2016. These figures exclude the non-cash after-tax impairment charges of USD\$63.8 million in 2017 and USD\$95.8 million in 2016 related to the Termoeléctrica de Mexicali power plant and the non-cash gain of USD\$673.1 million related to the remeasurement to fair value of the previously held 50 percent interest in Gasoductos de Chihuahua in 2016. The increase of USD\$240.3 million was mainly due to the acquisition of Gasoductos de Chihuahua, lower income tax expense, the start of operations of four pipelines, the acquisition of Ventika, and higher operational results at the Termoeléctrica de Mexicali power plant. This increase was partially offset by exchange rate effects.
- In 2017, revenues were USD\$1,166.5 million, compared with USD\$717.9 million in 2016. The increase of USD\$448.6 million was mainly due to revenues related to the acquisitions of Gasoductos de Chihuahua and Ventika, the start of operations of new pipelines, and higher weighted average natural gas prices and higher volume sold.

- In 2017 and early 2018, the Company executed the following transactions for a total value of approximately USD\$3 billion:
 - In March 2017, the Company executed a 20-year contract for the supply of clean energy that will be generated by a new 110 megawatt (MW) photovoltaic solar power plant that will be located in Caborca, Sonora, with an estimated total investment of USD\$115 million. The Company will be responsible for the construction, financing, operation, and maintenance of the Pima Solar plant, which will allocate 100 percent of its capacity to DeAcero.
 - In July 2017, the Company was awarded the public tender issued by the Integral Port Administration (API) of Veracruz, for the construction and operation of a marine terminal for the receipt, storage and delivery of hydrocarbons, primarily gasoline, diesel, and jet fuel. The terminal will be built in the new Port of Veracruz with a capacity of approximately 1,400,000 barrels. It is expected to begin operations during the second half of 2018.
 - In August 2017, the Company executed a contract with a subsidiary of Valero Energy Corporation for the storage capacity at the new Veracruz marine terminal and Puebla and Mexico City terminals. These refined products storage contracts are long-term, firm capacity, and U.S. dollar denominated. The estimated investment is USD\$155 million for Veracruz and a total of USD\$120 million for the two additional storage terminals. It is expected that the two in-land terminals will start operations in the first half of 2019.
 - In November 2017, the Company closed the acquisition of the remaining 50 percent of the capital stock of Ductos y Energéticos del Norte from Pemex Transformación Industrial. The transaction value is USD\$547 million. It is comprised of (i) the price paid for the assignment of Ductos y Energéticos del Norte's capital stock and the liquidation of certain shareholder loans of USD\$258 million, and (ii) the proportional amount of Los Ramones Norte pipeline project financing of USD\$289 million. This debt is not consolidated on the Company's financial statements. As a result of the acquisition, the Company increased its ownership in Los Ramones Norte pipeline from 25 percent to 50 percent.
 - In November 2017, the Company executed a 20-year fixed payment per megawatt-hour power purchase agreement with San Diego Gas & Electric Company. The contract will be supplied through a new wind power generation facility that will be located in Tecate, Baja California. The project will have a capacity of 108 MW and will require an investment of approximately USD\$150 million. The development of this project is subject to receipt of regulatory approvals and other authorizations.
 - In December 2017, the Company successfully completed its USD\$840 million international senior note offerings, comprised of USD\$300 million aggregate principal amount of the Company's 3.750% Senior Notes due 2028 and USD\$540 million aggregate principal amount of the Company's 4.875% Senior Notes due 2048. The Senior Notes received an investment grade rating from Fitch (BBB+), Moody's (Baa1) and Standard & Poor's (BBB). The Company used the net proceeds from the offering to repay outstanding short-term indebtedness and for general corporate purposes.

- In January 2018, the Company announced the execution of a standby letter of credit facility and reimbursement agreement, up to an amount equivalent to USD\$1 billion, in order to make more efficient and standardize the process for the issuance of standby letters of credit requested by governmental entities or third parties. The bank syndicate is Banco Nacional de México, Sumitomo Mitsui Banking Corporation, BBVA Bancomer, Scotiabank Inverlat, Mizuho, BNP Paribas and Santander. The facility will be in effect for five years. The letter of credit facility and the related standby letters of credit do not constitute the Company's debt.

- As a result of these transactions, the Company's total assets increased more than USD\$1 billion, from USD\$7 billion as of December 2016 to USD\$8 billion as of December 2017.

I) RESULTS OF OPERATIONS

Amounts are presented in U.S. dollars, the functional currency of the Company, unless otherwise noted, and in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB). All amounts are unaudited, unless otherwise noted. Numbers may not add up due to rounding.

CONDENSED CONSOLIDATED STATEMENTS OF PROFIT

(THOUSANDS OF USD\$)	YEAR ENDED DECEMBER 31,	
	2017	2016
Revenues	1,166,526	717,894
Cost of revenues	(303,462)	(237,789)
Operating, administrative and other expenses	(176,793)	(104,754)
Depreciation and amortization	(119,020)	(64,384)
Financing cost, net	(50,097)	(14,567)
Other (losses) gains, net	(41,590)	2,168
Remeasurement of equity method investment ⁽¹⁾	–	673,071
Profit before income tax and share of profits from joint ventures	475,564	971,639
Income tax expense	(109,663)	(147,158)
Share of profits from joint ventures, net of income tax	44,677	42,841
Profit for the period from continuing operations	410,578	867,322
(Loss) for the period from discontinued operations, net of income tax ⁽²⁾	(56,404)	(112,332)
Profit for the period	354,174	754,990

(1) In 2016, the non-cash gain of USD\$673.1 million is related to the remeasurement to fair value of our previously held 50 percent interest in Gasoductos de Chihuahua

(2) The Board of Directors approved a plan to market and sell the Termoeléctrica de Mexicali power plant; accordingly, its financial results are presented as discontinued operations. These results include non-cash, after-tax impairment charges of USD\$63.8 million in 2017 and USD\$95.8 million in 2016.

SEGMENT INFORMATION

Segment information is presented after eliminating inter-company transactions.

PROFIT (LOSS) BEFORE INCOME TAX AND SHARE OF PROFITS FROM JOINT VENTURES

(THOUSANDS OF US\$)	YEAR ENDED DECEMBER 31,	
	2017	2016
Gas Segment	526,383	1,009,953
Power Segment	21,323	(1,120)
Corporate	(72,142)	(37,194)
	475,564	971,639

GAS SEGMENT

In 2017, Gas segment profit before income tax and share of profits of joint ventures was USD\$526.4 million, compared with USD\$336.9 million in 2016, excluding the non-cash gain of USD\$673.1 million related to the remeasurement to fair value of the previously held 50 percent interest in Gasoductos de Chihuahua. The increase of USD\$189.5 million is mainly due to USD\$160.0 million from the acquisition of the remaining 50 percent of Gasoductos de Chihuahua on September 26, 2016, USD\$40.3 million from the start of operations of the Sonora pipeline Guaymas - El Oro segment, and Ojinaga - El Encino and Empalme lateral pipelines, and USD\$4.9 million from the natural gas distribution rate increase at Ecogas. It was partially offset by USD\$9.9 million of lower capitalization of interest related to projects under construction and operating, administrative and other expenses of USD\$5.0 million.

POWER SEGMENT

In 2017, the Power segment had a profit before income tax and share of profits of joint ventures of USD\$21.3 million, mainly from the Ventika wind power generation facility, acquired on December 14, 2016.

CORPORATE

In 2017, corporate loss before income tax was USD\$72.1 million compared with USD\$37.2 million in 2016. The increase in losses of USD\$34.2 million and USD\$34.9 million, respectively, is mainly due to exchange rate effects primarily related to a peso-denominated shareholder's loan to fund the South Texas - Tuxpan pipeline (which is partially offset in the share of profits of joint ventures), and higher interest expense, partially offset by interest income related to the shareholder's loan to fund the South Texas - Tuxpan pipeline (our joint venture with TransCanada).

REVENUES

(THOUSANDS OF USD\$, EXCEPT PRICE PER MMBtu ²)	YEAR ENDED DECEMBER 31,	
	2017	2016
Gas Segment	1,064,946	712,327
Power Segment	99,721	2,930
Corporate	1,859	2,637
	1,166,526	717,894

Natural gas weighted average		
Price USD per MMBtu	3.18	2.73

² MMBtu: Million British thermal units (of natural gas).

GAS SEGMENT

In 2017, Gas segment revenues were USD\$1,064.9 million, compared with USD\$712.3 million in 2016. The increase of USD\$352.6 million is mainly due to:

- \$220.8 million in revenues related to the acquisition of the remaining 50 percent of Gasoductos de Chihuahua,
- \$66.2 million from the start of operations of four pipelines: the Sonora Guaymas - El Oro segment, Ojinaga - El Encino, the San Isidro - Samalayuca, and Empalme lateral,
- \$61.3 million from higher natural gas weighted average price and higher volume sold, and
- \$4.9 million from the natural gas distribution rate increase at Ecogas.

POWER SEGMENT

In 2017, Power segment revenues were USD\$99.7 million, mainly from the Ventika wind power generation facility, acquired on December 14, 2016.

COST OF REVENUES

(thousands of USD\$, except cost per MMBtu)	YEAR ENDED DECEMBER 31,	
	2017	2016
Gas Segment	296,933	237,621
Power Segment	6,529	168
	303,462	237,789

Natural gas weighted average		
Cost USD per MMBtu	3.18	2.60

GAS SEGMENT

In 2017, Gas segment cost of revenues was USD\$296.9 million, compared with USD\$237.6 million for 2016. The increase of USD\$59.3 million is mainly due to higher weighted average price of natural gas and higher volume sold.

POWER SEGMENT

In 2017, Power segment cost of revenues were USD\$6.5 million, mainly from the Ventika wind power generation facility, acquired on December 14, 2016.

CONSOLIDATED RESULTS OPERATING, ADMINISTRATIVE AND OTHER EXPENSES

In 2017, operating, administrative, and other expenses were USD\$176.8 million, compared with USD\$104.8 million for 2016. The increase of USD\$72.0 million was mainly due to the acquisition of the remaining 50 percent of Gasoductos de Chihuahua, the acquisition of Ventika, the start of operations of four pipelines: Ojinaga - El Encino, Sonora Guaymas - El Oro segment, San Isidro - Samalayuca, and Empalme lateral, and other corporate general expenses.

DEPRECIATION AND AMORTIZATION

In 2017, depreciation and amortization was USD\$119.0 million, compared with USD\$64.4 million for 2016. The increase of USD\$54.6 million was mainly due to the acquisitions of Ventika and the remaining 50 percent of Gasoductos de Chihuahua, and the start of operations of four pipelines: Sonora Guaymas - El Oro segment, Ojinaga - El Encino, San Isidro - Samalayuca and Empalme lateral.

FINANCING COST, NET

In 2017, financing cost, net was USD\$50.1 million, compared with USD\$14.6 million for 2016. The increase of USD\$35.5 million was mainly due to higher interest expense from debt related to Ventika, a higher corporate debt balance, lower interest capitalization related to projects under construction and interest expense related to Gasoductos de Chihuahua, partially offset by interest income related to the shareholder's loan granted to South Texas - Tuxpan pipeline (our joint venture with TransCanada).

OTHER GAINS (LOSSES), NET

In 2017, other losses were USD\$41.6 million, compared with other gains of USD\$2.2 million in 2016. The decrease of USD\$43.8 million was related to exchange rate effects, mainly due to a peso-denominated shareholder's loan to fund the South Texas - Tuxpan pipeline (our joint venture with TransCanada), which is partially offset in Share of Profits of Joint Ventures.

INCOME TAX EXPENSE

In 2017, income tax expense was USD\$109.7 million compared with USD\$147.2 million in 2016. The decrease of USD\$37.5 million is primarily due to the effect of the deferred income tax balance from the fluctuation in the tax basis of property, plant, and equipment at our U.S. dollar company functional currency, which we are required to remeasure in each reporting period based on changes in the Mexican peso exchange rate and inflation. This decrease is partially offset by the currency exchange rate and inflation movements at period end on monetary assets and liabilities.

SHARE OF PROFITS FROM JOINT VENTURES, NET OF INCOME TAX

(THOUSANDS OF USD\$)	JOINT VENTURE WITH	YEAR ENDED DECEMBER 31,	
		2017	2016
Gasoductos de Chihuahua	Pemex TRI ⁽³⁾	—	32,713
Los Ramones Norte pipeline	Pemex TRI ⁽³⁾	22,077	9,666
South Texas - Tuxpan pipeline	TransCanada	19,017	(2,095)
Energia Sierra Juarez wind generation facility	InterGen	3,583	2,557
		44,677	42,841

In 2017, our share of profits of joint ventures, net of income tax, was USD\$44.7 million, compared with USD\$42.8 million in 2016. The increase of USD\$1.9 million is mainly due to profit in the South Texas - Tuxpan pipeline (our joint venture with TransCanada), due to foreign exchange rate effects related to a peso-denominated shareholder's loan, the start of operations of Los Ramones Norte pipeline in February 2016, and lower income tax expense. This increase is partially offset by the impact of the acquisition of the remaining 50 percent of Gasoductos de Chihuahua and higher income tax in the South Texas - Tuxpan pipeline. These foreign exchange rate effects are offset in Other (Losses) Gains, net.

PROFIT (LOSS) FOR THE PERIOD FROM DISCONTINUED OPERATIONS, NET OF INCOME TAX

In February 2016, the Board of Directors approved a plan to market and sell the Termoeléctrica de Mexicali power plant. Accordingly, its financial results for the three-month period and the year ended December 31, 2017 and December 31, 2016 are presented in the Condensed Consolidated Statements of Profit as discontinued operations, net of income tax.

In 2017, loss from discontinued operations, net of income tax, was USD\$56.4 million, compared with USD\$112.3 million in 2016. The decrease in losses of USD\$55.9 million is mainly due to a lower impairment charge in 2017, an income tax benefit and higher operational results.

EBITDA AND ADJUSTED EBITDA

We present “EBITDA” and “Adjusted EBITDA” in this earnings report for the convenience of investors. EBITDA and Adjusted EBITDA, however, are not measures of financial performance under IFRS and should not be considered as alternatives to profit or operating income as a measure of operating performance or to cash flows from operating activities as a measure of liquidity.

Our definition of EBITDA is profit for the period after adding back or subtracting, as the case may be, (1) depreciation and amortization, (2) financing cost, net, (3) other (gains) losses, net, (4) remeasurement of equity method investment, (5) income tax expense, (6) share of profits of joint ventures, net of income tax, and (7) (Profit) loss for the period from discontinued operations, net of income tax.

We define Adjusted EBITDA as EBITDA plus Joint Ventures (JV) EBITDA adjustment plus Discontinued Operations EBITDA adjustment.

We define the JV EBITDA adjustment as our share of the profit of joint ventures, after adding back or subtracting, as the case may be, our share of: (1) depreciation and amortization, (2) financing cost, net, (3) other (gains) losses, net, and (4) income tax expense.

We define the Discontinued operations EBITDA adjustment as the profit (loss) for the period from discontinued operations, net of income tax after adding back or subtracting, as the case may be, (1) impairment, (2) depreciation and amortization, (3) financing cost, net, (4) other (gains) losses, net, and (5) income tax expense (benefit).

(THOUSANDS OF USDS)	YEAR ENDED DECEMBER 31,	
	2017	2016
	(UNAUDITED)	
Gas Segment	617,481	373,881
Power Segment	76,846	2,169
Corporate	(8,056)	(699)
EBITDA	686,271	375,351
JV EBITDA adjustment	70,563	130,084
Discontinued operation EBITDA adjustment	1,805	(1,414)
Adjusted EBITDA	758,639	504,021

RECONCILIATION OF PROFIT FOR THE PERIOD TO EBITDA AND ADJUSTED EBITDA

(THOUSANDS OF USDS)	YEAR ENDED DECEMBER 31,	
	2017	2016
EBITDA RECONCILIATION		
Profit for the period	354,174	754,990
Depreciation and amortization	119,020	64,384
Financing cost, net	50,097	14,567
Other losses (gains), net	41,590	(2,168)
Remeasurement of equity method investment	–	(673,071)
Income tax expense	109,663	147,158
Share of profits from joint ventures, net of income tax	(44,677)	(42,841)
Loss for the period from discontinued operations, net of income tax	56,404	112,332
(1) EBITDA	686,271	375,351
JV EBITDA ADJUSTMENT RECONCILIATION		
Profit for the period	44,677	42,841
Depreciation and amortization	6,276	13,907
Financing cost, net	30,087	32,194
Other (gains) losses, net	(16,888)	4,433
Income tax expense	6,411	36,709
(2) JV EBITDA Adjustment	70,563	130,084
DISCONTINUED OPERATION EBITDA ADJUSTMENT RECONCILIATION		
Loss for the period	(56,404)	(112,332)
Impairment charge	63,804	136,880
Depreciation and amortization	–	2,222
Financing cost, net	595	229
Other (gains) losses, net	(623)	1,396
Income tax benefit	(5,567)	(29,809)
(3) Discontinued Operation EBITDA Adjustment	1,805	(1,414)
(1+2+3) Adjusted EBITDA	758,639	504,021

II) FINANCIAL POSITION, LIQUIDITY AND CAPITAL RESOURCES

CONDENSED CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(THOUSANDS OF US\$)	DECEMBER 31,	
	2017	2016
	(AUDITADOS)	
ASSETS		
Current assets		
Cash and cash equivalents	\$ 37,208	\$ 24,918
Short-term investments	1,081	80
Trade and other receivables, net	94,793	100,886
Assets held for sale	121,542	33,990
Other current assets ⁽¹⁾	112,199	93,779
Activos disponibles para la venta	148,190	191,287
Total current assets	515,013	444,940
NON-CURRENT ASSETS		
Due from unconsolidated affiliates	493,887	104,352
Finance lease receivables	942,184	950,311
Deferred income tax assets	97,334	75,999
Investments in joint ventures	523,102	125,355
Property, plant and equipment, net	3,729,456	3,614,085
Goodwill	1,638,091	1,651,780
Other non-current assets ⁽²⁾	224,792	160,126
Total non-current assets	7,648,846	6,682,008
Total assets	\$ 8,163,859	\$ 7,126,948
LIABILITIES AND STOCKHOLDERS' EQUITY		
Short-term debt	\$ 262,760	\$ 493,571
Due to unconsolidated affiliates	544,217	260,914
Other current liabilities ⁽³⁾	184,418	181,738
Liabilities held for sale	62,522	35,451
Total current liabilities	1,053,917	971,674
NON-CURRENT LIABILITIES		
Long-term debt	1,732,040	1,039,804
Due to unconsolidated affiliates	73,510	3,080
Deferred income tax liabilities	551,614	489,607
Other non-current liabilities ⁽⁴⁾	236,191	272,472
Total non-current liabilities	2,593,355	1,804,963
Total liabilities	3,647,272	2,776,637
STOCKHOLDERS' EQUITY		
Common stock	963,272	963,272
Additional paid-in capital	2,351,801	2,351,801
Accumulated other comprehensive loss	(114,556)	(126,658)
Retained earnings	1,316,070	1,161,896
Total equity attributable to owners of the company	4,516,587	4,350,311
Total liabilities and equity	\$ 8,163,859	\$ 7,126,948

⁽¹⁾ Other current assets include restricted cash, amounts due from unconsolidated affiliates, other current assets, finance lease receivable (current), natural gas inventories, and derivative financial instruments.

⁽²⁾ Other non-current assets include intangible assets, other non-current assets, and derivative financial instruments.

⁽³⁾ Other current liabilities include trade and other payables, derivative financial instruments, other taxes payable, other current liabilities, other financial liabilities, income tax liabilities, and provisions.

⁽⁴⁾ Other non-current liabilities include derivative financial instruments, provisions, and employee benefits.

LIQUIDITY AND CAPITAL RESOURCES

We are a holding company. As a result, our ability to meet our obligations and to fund our capital needs depends on our ongoing ability to generate cash from operations, the terms of our financing arrangements, and our access to capital markets.

SOURCES AND USES OF CASH

(THOUSANDS OF US\$)	YEAR ENDED DECEMBER 31,	
	2017	2016
Cash and cash equivalents at period beginning	24,918	40,377
Net cash provided by operating activities	586,234	240,732
Net cash used in investing activities	(974,914)	(1,848,876)
Net cash provided by financing activities	406,584	1,605,461
Effects of exchange rate changes on cash and cash equivalents	(5,614)	(12,342)
Cash and cash equivalents	37,208	25,352
Cash and cash equivalents from assets held for sale	–	(434)
Cash and cash equivalents at period end	37,208	24,918

OPERATING ACTIVITIES

In 2017, net cash provided by operating activities was USD\$586.2 million, compared with USD\$240.7 million in 2016, mainly due to a higher operations base as a result of the acquisitions of Gasoductos de Chihuahua and Ventika, and the start of operations of four pipelines, partially offset by changes in working capital.

INVESTING ACTIVITIES

The USD\$258.5 million price paid for the assignment of Ductos y Energéticos del Norte's capital stock and the liquidation of certain shareholder loans is comprised of USD\$164.8 million cash and the liquidation of certain shareholder loans of USD\$95.8 million as shown in the cash flow from financing activities, minus value added tax of USD\$2.1 million. The cash available at the closing date was USD\$17.2 million.

In 2017, net cash used in investing activities was USD\$974.9 million, mainly due to USD\$578.1 million to fund the South Texas - Tuxpan pipeline and capital expenditures of USD\$253.0 million mainly related to our Ojinaga - El Encino pipeline, Sonora pipeline Guaymas - El Oro segment, San Isidro - Samalayuca pipeline, Empalme lateral pipeline and Veracruz marine terminal project, USD\$147.6 million for the acquisition of an additional 25 percent of Los Ramones Norte pipeline, net of cash available at the closing date.

In 2016, net cash used in investing activities was USD\$1,848.9 million, due to USD\$1,077.6 million from the acquisition of Gasoductos de Chihuahua, net of cash available at the date of acquisition and the Ventika acquisition using USD\$434.7 million, net of cash available at closing date, including the assumption of shareholders' debt of USD\$125.0 million, capital expenditures of USD\$315.8 million for our Ojinaga - El Encino pipeline, Sonora pipeline Guaymas - El Oro segment and San Isidro - Samalayuca pipeline, and the investment of USD\$100.5 million in South Texas - Tuxpan pipeline. These amounts are partially offset by a decrease in restricted cash of USD\$46.8 million related to bank debt of Ventika and Gasoductos de Chihuahua, a decrease in short-term investments of USD\$20.0 million, and repayment of loans from unconsolidated affiliates of USD\$8.3 million.

FINANCING ACTIVITIES

In 2017, net cash provided by financing activities was USD\$406.6 million, due to USD\$807.4 million of international senior note offerings, net of expenses, USD\$331.2 million in net borrowings from unconsolidated affiliates, USD\$360.5 million net bank loan payments, a dividend payment of USD\$200.0 million, payment to Pemex Transformación Industrial loan of USD\$95.8 million as part of the acquisition of an additional 25 percent of Los Ramones Norte pipeline, and interest paid of USD\$75.6 million.

In 2016, net cash provided by financing activities was USD\$1,605.5 million, mainly due to USD\$1,567.7 million proceeds from the common stock follow-on offering, net of expenses, USD\$1,240.0 million in loans from unconsolidated affiliates, USD\$805.0 million from borrowings against credit facilities, USD\$1,369.6 million repayment of unconsolidated affiliate loans, USD\$459.5 million bank loan payments, a dividend payment of USD\$140.0 million, and interest paid of USD\$35.8 million.

III) INTERNAL CONTROLS

Our management is responsible for maintaining a system of internal control over financial reporting. This system gives our shareholders reasonable assurance that our transactions are executed and maintained in accordance with the guidelines set forth by our management and that our financial records are reliable as a basis for preparing our financial statements.

The system of internal control over financial reporting is supported by ongoing audits, the results of which are reported to management throughout the year. In addition, we maintain reliable databases and have modern and efficient systems designed to generate key financial information.



FINANCIAL **RESULTS**

Infraestrutura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Consolidated Financial Statements for the
years ended December 31, 2017, 2016
and 2015 and Independent Auditor's
Report Dated March 1, 2018

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Independent Auditors' Report to the Board of Directors and Stockholders of Infraestructura Energética Nova, S. A. B. de C. V. and its Subsidiaries

Opinion

We have audited the consolidated financial statements of Infraestructura Energética Nova, S. A. B. de C. V. and its subsidiaries (the "Company" or "IEnova"), which comprise the consolidated statements of financial position as of December 31, 2017, 2016 and 2015, and the consolidated statements of profit, profit and other comprehensive income, consolidated statements of changes in stockholders' equity and consolidated statements of cash flows for the years then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of Infraestructura Energética Nova, S. A. B. de C. V. and its Subsidiaries as of December 31, 2017, 2016 and 2015, and its consolidated financial performance and its consolidated cash flows for the years then ended, in accordance with International Financial Reporting Standards (IFRSs), as issued by the International Accounting Standards Board.

Basis for Opinion

We conducted our audits in accordance with International Standards on Auditing (ISA). Our responsibilities under those standards are further described in the *Auditor's responsibilities for the audit of the consolidated financial statements* section of our report. We are independent of the Company in accordance with the *International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants* (IESBA Code) together with the Code of Ethics issued by the Mexican Institute of Public Accountants (IMCP Code), and we have fulfilled our other ethical responsibilities in accordance with the IESBA Code and with the IMCP Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. We have determined that the matters described below are the key audit issues which should be communicated in our report.

Goodwill impairment testing

As described in Note 13, of the consolidated financial statements, in 2016 the Company acquired the remaining 50% equity in IEnova Pipelines, and 100% of the equity of Ventika resulting in the recognition of goodwill of \$1,612 million. Management performed its first annual goodwill impairment test during the fourth quarter which uses business and valuation assumptions that require judgement, including discount rates and long term projections of revenues and costs. The most relevant matters addressed in our audit are as follows:

- The correct identification and aggregation of reporting units for purposes of the goodwill impairment test as supported by documentation or evidence of synergies.
- Testing of discount rates and projections of cash flows

Our audit procedures focused mainly on testing relevant controls and substantive procedures over relevant assumptions. We involved internal valuation specialists to assist us in auditing these matters.

Relevant contracts and transactions analysis

As described in Note 1.2 of the consolidated financial statements, the Company entered into several relevant transactions during the year, some of them requiring the determination of the appropriate accounting that can have significant implications to current and future financial statements with respect to the recognition, valuation, presentation and disclosures of the particular transaction. International Financial Reporting Standards require Management to apply its judgement to define the accounting treatment with limited specific industry guidance provided. A typical analysis requires the Company to determine whether it needs to consolidate a project; whether the arrangement contains a lease, and if so, its classification as a finance or operating lease; whether the contract meets the own use exemption or the definition of a derivative (to which hedge accounting could be applied) or it contains embedded derivatives; or, whether, it should be accounted for under another model, such as a concession arrangement. Examples of such significant transactions include: the renewable energy projects, new electric supply contracts, concession agreement and long term capacity contracts and acquisition or sale of subsidiaries.

Our audit focuses on the internal controls and performing detailed risk assessment procedures to each transaction to determine the relevant aspects of judgement to design tailored audit procedures. We also involved our technical accounting specialists to assist us in auditing these matters.

Other Information

Management is responsible for the other information. The other information comprises information included in the annual report, but does not include the financial statements and our auditor's report thereon. The annual report is expected to be made available to us after the date of this auditor's report.

Our opinion on the financial statements does not cover the other information and we will not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. When we read the annual report, if we conclude that there is a material misstatement therein, we are required to communicate the matter to those charged with governance. We do not report anything related to the other information.



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Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with IFRSs, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Company to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Other matter

The accompanying consolidated financial statements have been translated into English for the convenience of readers.

Galaz, Yamazaki, Ruiz Urquiza, S. C.
Member of Deloitte Touche Tohmatsu Limited

C.P.C. Oscar Esquivel Romero
Mexico City, Mexico
March 1, 2018



Infraestrutura Energetica Nova, S. A. B. de C. V. and Subsidiaries
Consolidated Statements of Financial Position

(In thousands of U. S. Dollars)

Assets	Notes	December 31, 2017	December 31, 2016	December 31, 2015
Current assets:				
Cash and cash equivalents	4, 24	\$ 37,208	\$ 24,918	\$ 40,377
Short-term investments	24	1,081	80	20,068
Finance lease receivables	8, 24	8,126	7,155	—
Trade and other receivables, net	5, 24	94,793	100,886	53,728
Due from unconsolidated affiliates	6, 24	24,600	12,976	27,608
Income taxes receivable	25	81,909	6,390	16,226
Natural gas inventories	7	7,196	6,083	4,628
Derivative financial instruments	24	6,130	6,913	1,926
Value added tax receivable		39,633	27,600	46,807
Carbon allowances	20	—	—	5,385
Other assets	9	10,327	9,289	8,576
Restricted cash	4, 24	55,820	51,363	—
Assets held for sale	12	148,190	191,287	—
Total current assets		515,013	444,940	225,329
Non-current assets:				
Due from unconsolidated affiliates	6, 24	493,887	104,352	111,766
Derivative financial instruments	24	1,935	1,127	—
Finance lease receivables	8, 24	942,184	950,311	14,510
Deferred income tax assets	25	97,334	89,688	78,965
Investment in joint ventures	10	523,102	125,355	440,105
Carbon allowances	20	—	—	12,975
Other assets	9	32,658	4,855	1,938
Property, plant and equipment, net	14, 28	3,729,456	3,614,085	2,595,840
Intangible assets	15	190,199	154,144	—
Goodwill	13	1,638,091	1,638,091	25,654
Total non-current assets		7,648,846	6,682,008	3,281,753
Total assets	28	\$ 8,163,859	\$ 7,126,948	\$ 3,507,082

Liabilities and Stockholders' Equity	Notes	December 31, 2017	December 31, 2016	December 31, 2015
Current liabilities:				
Short-term debt	21, 24	\$ 262,760	\$ 493,571	\$ 88,507
Trade and other payables	16, 24	72,638	94,566	43,849
Due to unconsolidated affiliates	6, 24	544,217	260,914	352,650
Income tax liabilities	25	3,384	13,322	14,095
Derivative financial instruments	24	41,726	10,310	—
Other financial liabilities	18, 24	10,372	5,877	6,444
Provisions	22	394	930	1,293
Other taxes payable		36,273	27,872	13,881
Carbon allowances	20	—	—	5,385
Other liabilities	19	19,631	28,861	17,237
Liabilities held for sale	12	62,522	35,451	—
Total current liabilities		1,053,917	971,674	543,341
Non-current liabilities:				
Long-term debt	23, 24	1,732,040	1,039,804	299,925
Due to unconsolidated affiliates	6, 24	73,510	3,080	38,460
Deferred income tax liabilities	25	551,614	489,607	261,294
Carbon allowances	20	—	—	12,611
Provisions	22	67,210	51,035	34,236
Derivative financial instruments	24	162,444	215,851	133,056
Employee benefits	17	6,537	5,586	4,295
Total non-current liabilities		2,593,355	1,804,963	783,877
Total liabilities	28	3,647,272	2,776,637	1,327,218
Stockholders' equity:				
Common stock	26	963,272	963,272	762,949
Additional paid-in capital	26	2,351,801	2,351,801	973,953
Accumulated other comprehensive loss		(114,556)	(126,658)	(103,944)
Retained earnings		1,316,070	1,161,896	546,906
Total equity attributable to owners of the Company		4,516,587	4,350,311	2,179,864
Commitments and contingencies	35, 36			
Events after the reporting date	38			
Total liabilities and equity		\$ 8,163,859	\$ 7,126,948	\$ 3,507,082

See accompanying notes to the Consolidated Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Consolidated Statements of Profit

(In thousands of U. S. Dollars, except per share amounts)

	Notes	Year ended December 31,		
		2017 (Notes 1, 12)	2016 (Notes 1, 12)	2015 (Notes 1, 12)
Revenues	24, 28	\$ 1,166,526	\$ 717,894	\$ 613,041
Cost of revenues		(303,462)	(237,789)	(257,226)
Operating, administrative and other expenses	30	(176,793)	(104,754)	(81,857)
Depreciation and amortization	14, 28, 33	(119,020)	(64,384)	(52,470)
Interest income	28, 29	22,808	6,269	6,701
Finance costs	28, 32	(72,905)	(20,836)	(9,859)
Other (losses) gains, net	31	(41,590)	2,168	(11,426)
Remeasurement of equity method investment	11	—	673,071	—
Profit before income tax and share of profits of joint ventures		475,564	971,639	206,904
Income tax expense	25, 28	(109,663)	(147,158)	(94,237)
Share of profits of joint ventures, net of income tax	10, 28	44,677	42,841	42,319
Profit for the year from continuing operations	34	\$ 410,578	\$ 867,322	\$ 154,986
Discontinued operation:				
Loss for the year from discontinued operations, net of income tax	12	(56,404)	(112,332)	(14,797)
Profit for the year	28, 34	\$ 354,174	\$ 754,990	\$ 140,189
Earnings per share:				
From continuing operations:				
Basic and diluted earnings per share	26, 34	\$ 0.27	\$ 0.70	\$ 0.13
From continuing and discontinued operations:				
Basic and diluted earnings per share	12, 26, 34	\$ 0.23	\$ 0.61	\$ 0.12

See accompanying notes to the Consolidated Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Consolidated Statements of Profit and Other Comprehensive Income

(In thousands of U. S. Dollars)

	Notes	Year ended December 31,		
		2017	2016	2015
Profit for the year	28, 34	\$ 354,174	\$ 754,990	\$ 140,189
Other comprehensive income (loss):				
Items that will not be reclassified to profit or (loss):				
Actuarial gain (loss) on defined benefits plans	17	704	1,765	(1,793)
Deferred income tax related to actuarial gain (loss) on defined benefits plans		(211)	(530)	538
Total items that will not be reclassified to profit (loss)		493	1,235	(1,255)
Items that may be subsequently reclassified to profit or (loss):				
Gain (loss) on valuation of derivative financial instruments held for hedging purposes		4,586	(17,112)	(6,604)
Deferred income tax on the gain (loss) on valuation of derivative financial instruments held for hedging purposes		(1,376)	5,133	1,981
Gain (loss) on valuation of derivative financial instruments held for hedging purposes of joint ventures		3,270	35,308	(5,362)
Deferred income tax on the gain (loss) on valuation of derivative financial instruments held for hedging purposes of joint ventures		(981)	(10,592)	1,608
Gain (loss) exchange differences on translation of foreign operations		6,110	(36,686)	(29,981)
Total items that may be subsequently reclassified to profit (loss)		11,609	(23,949)	(38,358)
Other comprehensive income (loss) for the year		12,102	(22,714)	(39,613)
Total comprehensive income for the year		\$ 366,276	\$ 732,276	\$ 100,576

See accompanying notes to the Consolidated Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries
Consolidated Statements of Changes in Stockholders' Equity
(In thousands of U. S. Dollars)

	Notes	Common Shares	Additional paid-in capital	Other comprehensive loss	Retained earnings	Total
Balance as of December 31, 2014		\$ 762,949	\$ 973,953	\$ (64,331)	\$ 576,717	\$ 2,249,288
Profit for the year		—	—	—	140,189	140,189
Actuarial loss on defined benefit plans, net income tax	17	—	—	(1,255)	—	(1,255)
Loss on valuation of derivative financial instruments held for hedging purposes, net of income tax		—	—	(4,623)	—	(4,623)
Loss on valuation of derivative financial instruments held for hedging purposes of joint ventures, net of income tax		—	—	(3,754)	—	(3,754)
Exchange differences on translation of foreign operations		—	—	(29,981)	—	(29,981)
Total comprehensive (loss) income for the year		—	—	(39,613)	140,189	100,576
Dividends paid	27	—	—	—	(170,000)	(170,000)
Balance as of December 31, 2015		<u>\$ 762,949</u>	<u>\$ 973,953</u>	<u>\$ (103,944)</u>	<u>\$ 546,906</u>	<u>\$ 2,179,864</u>
Profit for the year		—	—	—	754,990	754,990
Actuarial gain on defined benefit plans, net income tax	17	—	—	1,235	—	1,235
Loss on valuation of derivative financial instruments held for hedging purposes, net of income tax		—	—	(11,979)	—	(11,979)
Gain on valuation of derivative financial instruments held for hedging purposes of joint ventures, net of income tax		—	—	24,716	—	24,716
Exchange differences on translation of foreign operations		—	—	(36,686)	—	(36,686)
Total comprehensive (loss) income for the year		—	—	(22,714)	754,990	732,276
Issuance of shares, net	26	200,323	1,377,848	—	—	1,578,171
Dividends paid	27	—	—	—	(140,000)	(140,000)
Balance as of December 31, 2016		<u>\$ 963,272</u>	<u>\$ 2,351,801</u>	<u>\$ (126,658)</u>	<u>\$ 1,161,896</u>	<u>\$ 4,350,311</u>
Profit for the year		—	—	—	354,174	354,174
Actuarial gain on defined benefit plans, net income tax	17	—	—	493	—	493
Gain on valuation of derivative financial instruments held for hedging purposes, net of income tax		—	—	3,210	—	3,210
Gain on valuation of derivative financial instruments held for hedging purposes of joint ventures, net of income tax		—	—	2,289	—	2,289
Exchange differences on translation of foreign operations		—	—	6,110	—	6,110
Total comprehensive income for the year		—	—	12,102	354,174	366,276
Dividends paid	27	—	—	—	(200,000)	(200,000)
Balance as of December 31, 2017		<u>\$ 963,272</u>	<u>\$ 2,351,801</u>	<u>\$ (114,556)</u>	<u>\$ 1,316,070</u>	<u>\$ 4,516,587</u>

See accompanying notes to the Consolidated Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries
Consolidated Statements of Cash Flows

(In thousands of U. S. Dollars)

	Notes	Year ended December 31,		
		2017	2016	2015
Cash flows from operating activities:				
Profit for the year	28, 34	\$ 354,174	\$ 754,990	\$ 140,189
Adjustments for:				
Income tax expense	25, 28	104,162	117,349	100,406
Share of profit of joint ventures, net of income tax	10, 28	(44,677)	(42,841)	(42,319)
Finance costs	28, 32	73,501	21,092	10,103
Interest income	28, 29	(22,808)	(6,294)	(6,743)
Loss (gain) on disposal of property, plant and equipment		7,877	(4,233)	3,601
Impairment (gain) loss recognized on trade receivables		(60)	46	30
Impairment of property plant and equipment		63,804	136,880	—
Remeasurement of equity method investment		—	(673,071)	—
Depreciation and amortization	14, 28, 33	119,020	66,606	67,682
Net foreign exchange loss (gain)		37,028	(4,652)	(8,548)
Net loss (gain) on valuation of derivative financial instruments		6,715	(21,001)	690
		<u>698,736</u>	<u>344,871</u>	<u>265,091</u>
Movements in working capital:				
(Increase) decrease in trade and other receivables, net		(2,368)	6,175	11,776
(Increase) decrease in natural gas inventories, net		(1,113)	(1,455)	4,747
(Increase) decrease in other assets, net		(4,204)	18,398	3,615
Increase (decrease) in trade and other payables, net		12,546	(45,302)	(17,081)
(Decrease) increase in provisions, net		(252)	16,249	(3,791)
(Decrease) increase in other liabilities, net		(2,098)	20,348	(33,638)
Cash generated from operations		<u>701,247</u>	<u>359,284</u>	<u>230,719</u>
Income taxes paid		<u>(115,013)</u>	<u>(118,552)</u>	<u>(62,540)</u>
Net cash provided by operating activities		<u>586,234</u>	<u>240,732</u>	<u>168,179</u>

(Continued)

	Notes	Year ended December 31,		
		2017	2016	2015
Cash flows from investing activities:				
Acquisition of subsidiaries, net of cash acquired	11	(147,638)	(1,512,248)	—
Investment in joint ventures	10	(72,067)	(100,477)	—
Veracruz marine terminal initial bidding quota	1	(28,179)	—	—
Interest received		1,089	3,875	1,047
Acquisitions of property, plant and equipment	14	(224,816)	(315,810)	(300,090)
Loans granted to unconsolidated affiliates		(505,997)	685	(1,301)
Receipts of loans granted to unconsolidated affiliates		8,152	8,262	41,596
Restricted cash		(4,457)	46,849	—
Short-term investments		(1,001)	19,988	9,952
Net cash used in investing activities		<u>(974,914)</u>	<u>(1,848,876)</u>	<u>(248,796)</u>
Cash flows from financing activities:				
Issuance of shares from follow on public offering		—	1,602,586	—
Shares issuance costs		—	(34,877)	—
Interest paid		(75,661)	(35,785)	(20,172)
Loans received from unconsolidated affiliates	6	377,926	1,240,000	339,600
Loans payments to unconsolidated affiliates	6	(46,702)	(1,369,600)	—
Payments of loans acquired through acquisition of subsidiary	11	(95,839)	—	—
Proceeds from bank financing		897,000	805,000	495,094
Payments related to bank financing		(1,257,531)	(459,463)	(600,094)
Proceeds from international debt offering	23	840,000	—	—
Debt issuance costs	23	(32,609)	(2,400)	(2,536)
Dividends paid	27	(200,000)	(140,000)	(170,000)
Net cash provided by financing activities		<u>406,584</u>	<u>1,605,461</u>	<u>41,892</u>
Net increase (decrease) in cash and cash equivalents		<u>17,904</u>	<u>(2,683)</u>	<u>(38,725)</u>
Cash and cash equivalents at the beginning of the year		24,918	40,377	83,637
Cash and cash equivalent used in discontinued operations	12	—	(434)	—
Effects of exchange rate changes on cash and cash equivalents		<u>(5,614)</u>	<u>(12,342)</u>	<u>(4,535)</u>
Cash and cash equivalents at the end of the year		<u>\$ 37,208</u>	<u>\$ 24,918</u>	<u>\$ 40,377</u>

See accompanying notes to the Consolidated Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Notes to the Consolidated Financial Statements

For the years ended December 31, 2017, 2016 and 2015 (In thousands of U. S. Dollars, except where otherwise stated)

1. General information and relevant events

1.1. General information

Infraestructura Energetica Nova, S. A. B. de C. V. ("IEnova") and Subsidiaries (collectively, the "Company") are located and incorporated in Mexico. Their parent and ultimate holding company is Semptra Energy (the "Parent") located and incorporated in the United States of America ("U. S."). The addresses of their registered offices and principal places of business are disclosed in Note 40.

1.2. Relevant events

1.2.1 International Senior Notes Offering ("Senior Notes")

On December 7, 2017, IEnova obtained \$840.0 million related to an international Senior Notes offering, the notes were offered and sold in a private placement to qualified institutional buyers in the U. S. pursuant to Rule 144A and outside the U. S. pursuant to Regulation S under the U. S. Securities Act of 1933, as amended (the "Securities Act").

The Senior Notes received an investment grade rating from Fitch Ratings (BBB+), Moody's Corporation ("Moody's") (Baa1) and Standard & Poor's Global Ratings ("S&P") (BBB). The Company used the net proceeds from the offering to repay outstanding short-term indebtedness, with the remainder for general corporate purposes.

The Senior Notes may not be offered or sold in Mexico absent authorization by the Comision Nacional Bancaria y de Valores (the "CNBV") in accordance with the Ley del Mercado de Valores ("Mexican Securities Market Law") and all applicable regulations and the due registration of the Senior Notes in the Registro Nacional de Valores ("National Securities Registry") maintained by the CNBV, or in the U. S. absent registration under the Securities Act or an exemption from registration therefrom.

On December 14, 2017, the Company entered into an international Senior Notes offering comprised of \$300.0 million aggregate principal amount of the Company's 3.75 percent Senior Notes due 2028 and \$540.0 million aggregate principal amount of the Company's 4.88 percent Senior Notes due 2048. (Please refer to Note 23.f.)

1.2.2 Credit agreements

On August 21, 2015, IEnova as a debtor, entered into a revolving credit line of up to \$400.0 million with a syndicate group of four banks including, Banco Santander, (Mexico), S. A., Institucion de Banca Multiple, Grupo Financiero Santander Mexico, ("Santander") Bank of Tokyo Mitsubishi ("Bank of Tokyo"), The Bank of Nova Scotia and Sumitomo Mitsui Banking Corporation ("SMBC"). The revolving credit has the following characteristics:

- U.S. Dollar-denominated.
- Twelve-month term, with an option to extend up to five years.
- Financing to repay and cancel the previous loans contracted in 2014 with Santander and SMBC, as well as to finance working capital and for general corporate purposes.

Restructuring of credit agreement and new credit agreement

On December 22, 2015, the Company entered into an amended agreement, in connection with the existing unsecured revolving credit agreement with Banco Nacional de Mexico, SMBC, as Administrative Agent, and the financial institutions party thereto, as Lenders, (the "Credit Agreement") whereby it agreed to increase the amount of the credit line under the Credit Agreement to a maximum aggregate in the amount of \$600.0 million from the previously authorized maximum in the amount of \$400.0 million. Please refer to Note 21.a.

On November 3, 2016, the Company entered into a second amendment agreement, in connection to the revolving credit mentioned above, in which Bank of America, N. A. ("BoFA"), BBVA Bancomer S. A., Institucion de Banca Multiple, Grupo Financiero BBVA Bancomer ("Bancomer") and Mizuho Bank, LTD ("Mizuho"), joined as new lenders and with the existing lenders whereby agreed to increase the amount of the credit line under the Credit Agreement to a maximum aggregate in the amount of \$1,170.0 million from the previously authorized maximum of \$600.0 million. Please refer to Note 21.a.

1.2.3 Plan to market and sell TDM

In February 2016, the Company's management approved a plan to market and sell Termoelectrica de Mexicali, S. de R. L. de C. V. and subsidiaries ("TDM"), a 625-megawatts ("MW") natural gas-fired power plant located in Mexicali, Baja California, Mexico.

As a result of the foregoing events, the assets and liabilities of TDM were presented as assets held for sale and liabilities held for sale, in the Consolidated Statement of Financial Position as of December 31, 2017 and 2016; the results of these companies are also presented within discontinued operations in the Consolidated Statements of Profit, which were retrospectively adjusted. Please refer to Note 12.

1.2.4 Purchase agreement of remaining interest in IEnova Pipelines, S. de R. L. de C. V. ("formerly Gasoductos de Chihuahua, S. de R. L. de C. V.") ("IEnova Pipelines") from Petroleos Mexicanos

On July 31, 2015, the Company announced an agreement with Petroleos Mexicanos ("Pemex") to purchase Pemex's 50 percent equity interest in IEnova Pipelines in the amount of \$1,325 million. The assets involved in the acquisition include three natural gas pipelines; one ethane pipeline; one liquid petroleum gas ("LPG") pipeline; and one LPG storage terminal. Under the terms of the agreement, Pemex and IEnova maintain their existing partnership in the Los Ramones II Norte pipeline project through the project holding company, Ductos y Energeticos del Norte, S. de R. L. de C. V. ("DEN").

On September 14, 2015, the Ordinary and Extraordinary Shareholders' Meeting approved the purchase of Pemex's 50 percent equity interest hold in IEnova Pipelines.

Resolution from the Comision Federal de Competencia Economica ("COFECE") in connection with the purchase agreement of the remaining interest in IEnova Pipelines from Pemex

In December 2015, the COFECE objected to the transaction to purchase Pemex's interest in IEnova Pipelines as proposed. The parties restructured the transaction so that Pemex could proceed in accordance with the COFECE ruling.

In July 2016, IEnova announced it had reached an agreement with Pemex Transformacion Industrial ("Pemex TRI") to restructure the transaction to purchase Pemex's interest in IEnova Pipelines that was objected by the COFECE in December 2015. This agreement allowed i) Pemex TRI to satisfy the conditions imposed by the former COFECE in connection with its indirect participation in the assets known as Gasoducto San Fernando and LPG Ducto TDF and ii) IEnova to acquire Pemex TRI's participation in IEnova Pipelines once such conditions were satisfied.

On September 21, 2016, the COFECE authorized IEnova's acquisition of 50 percent of the equity of IEnova Pipelines ("IEnova Pipelines acquisition"), owned by Pemex TRI.

On September 26, 2016, IEnova Pipelines' acquisition was completed through IEnova Gasoductos Holding, S. de R. L. de C. V., ("IGH") a subsidiary of IEnova; therefore, the Company now holds 100 percent of IEnova Pipelines' shares. The final price of the transaction was \$1,077.6 million, net of cash acquired. IEnova Pipelines joint venture with Pemex TRI remains after the acquisition, as originally contracted, each holding 50 percent of the shares in DEN. Through DEN, IEnova and Pemex TRI preserved their energy infrastructure joint venture of the construction of the Los Ramones Norte pipeline and the potentially development of new projects. Please refer to Note 1.2.5. related to financing transaction. Please refer to Note 1.2.8. for purchase agreement of DEN.

IEnova Pipelines has been included in the Company's Consolidated Financial Statements since the acquisition date (September 26, 2016). Please refer to Note 11.1.

1.2.5 Bridge loan for IEnova Pipelines acquisition

- a. On September 26, 2016, IEnova entered into an unconsolidated affiliate loan credit in the amount of \$800.0 million with Sempra Global ("SEG"). The loan has the following characteristics:

- U.S. Dollar-denominated.
- Two-month term.
- Use to finance the acquisition of IEnova Pipelines.

In October 2016, the Company repaid this Bridge Loan.

- b. On September 26, 2016, IEnova entered into an unconsolidated affiliate loan credit in the amount \$350.0 million with Semco Holdeo, S. de R. L. de C. V. ("Semco"). The loan has the following characteristics:

- U.S. Dollar-denominated.
- Two-month term.
- Use to finance the acquisition of IEnova Pipelines.

In October 2016, Semco bought IEnova's shares from the common stock follow-on equity offering ("Global Offering"). Semco acquired 83,125,000 shares, at a value per share of \$80.0 Mexican Pesos, the total amount of this transaction amounted to approximately \$350.0 million, equivalent to the amount of this loan, therefore Semco relieved IEnova from the payment obligation of the loan as settlement for shares.

1.2.6 Global Offering

On October 13, 2016, the Company carried out a Global Offering. The Company issued 380,000,000 shares of common stock at \$80.0 Mexican Pesos per share. After the Global offering, the additional and over-allotment option was exercised, the free float represented approximately 33.57 percent of IEnova's outstanding ownership interest.

Total capital raised, net of expenses and the corresponding taxes, was \$29,941.0 million Mexican Pesos (approximately \$1.6 billion of U.S. Dollars), the proceeds were used to repay the bridge loan to its affiliate Sempra Global, used to purchase the remaining 50 percent of IEnova Pipelines from Pemex TRI, to fund a portion of the acquisition of the Ventika wind-farm and to fund capital expenditures and general corporate purposes. Please refer to Note 26.2.

As a result of the Global Offering, the Company raised \$30,400.0 million Mexican Pesos, and the issuance costs amounted to \$0.5 million Mexican Pesos. Please refer to Note 26.2.

The Company in order to complete the transaction mentioned in Note 1.2.4., entered into four forward exchange rate contracts with a maturity date in October 2016. The effect of these forwards was \$3.4 million, and was recognized in the Consolidated Statement of Profit within other gains and losses.

1.2.7 Purchase agreement of Ventika wind farm

On September 2, 2016, the Company agreed to acquire IEnova Ventika Holding, B. V. ("formerly Fistera Energy Netherlands III, B. V."), IEnova Ventika Holding II, B. V. ("formerly Fistera Energy Netherlands IV, B. V."), IEnova Ventika Mexico, S. de R. L. de C. V. ("formerly Fistera Energy Mexico III, S. de R. L. de C. V."), IEnova Ventika Mexico II, S. de R. L. de C. V. ("formerly Fistera Energy Mexico IV, S. de R. L. de C. V."), Ventika, S. A. P. I. de C. V., and Ventika II, S. A. P. I. de C. V. (collectively "Ventika"), a 252-MW wind generation facility, located in the state of Nuevo Leon, Mexico. Ventika was jointly developed by Fistera Energy and Cementos Mexicanos, S. A. de C. V. The construction was completed in December 2015 and commercial operations started in April 2016.

This transaction was approved in an Extraordinary Shareholders' Meeting on October 7, 2016.

In December 2016, the COFECE authorized the acquisition of 100 percent of the equity interest in Ventika. The transaction was completed on December 14, 2016 through Controladora Sierra Juarez, S. de R. L. de C. V. ("CSJ") a subsidiary of IEnova. The final price of the transaction was \$434.7 million, plus the assumption of outstanding debt of \$485.3 million.

The loans fully mature in March 2032, and bear interest equal to a fixed base rate or London Interbank Offered Rate ("LIBOR") plus a spread of 3.03 percent to 3.93 percent, which varies over the term of the loans. To moderate the exposure to interest rate and associated cash flow variability, Ventika entered into floating-to-fixed interest rate swaps to have almost 92 percent of the full amount of the loans fixed.

Ventika has been included in the Consolidated Financial Statements since the acquisition date (December 14, 2016). Please refer to Note 11.2.

1.2.8 Purchase agreement of DEN

On October 6, 2017, the Company announced the agreement to acquire Pemex TRI's participation in DEN.

On November 10, 2017, the COFECE authorized the transaction. The purchase price paid was \$164.8 million (exclusive of \$17.2 million of cash and cash equivalents acquired), plus the assumption of \$95.8 million of existing debt, and the proportional amount of Los Ramones II Norte pipeline project financing of \$289.0 million. This debt will not be consolidated on IEnova's Consolidated Financial Statements.

This acquisition increased IEnova's indirect participation in the Los Ramones II Norte pipeline from 25 percent to 50 percent through TAG Norte Holding, S. de R. L. de C. V. ("TAG").

Please refer to Notes 10.4., 10.5. and 11.3.

1.2.9 Financing with unconsolidated affiliates

- a. On March 2, 2015, IEnova entered into two related party revolving credit facilities by \$90.0 million with Inversiones Sempra Latin America Limitada ("ISLA") and \$30.0 million with Inversiones Sempra Limitada ("ISL").

On December 27, 2016, IEnova entered into a \$70.0 million revolving credit facility with ISLA.

On March 21, 2017, IEnova entered into a \$85.0 million affiliate credit facility with ISL. The credit is a twelve-month term, with an option to extend it for up to four years.

Effective June 1, 2017, ISLA was merged with and into ISL which is the surviving entity in the merger, the agreements conditions between ISL and IEnova remain the same.

On December 15, 2017 the Company signed addendums modifying the contracts terms over the \$90.0 million, \$30.0 million and \$70.0 million credit facilities with ISL and the new characteristics are:

- The term was extended and are due and payable in full on December 15, 2018.

The revolving credit facilities are intended to finance working capital needs and general corporate purposes. Please refer to Note 6.1.iii.

- b. On December 22, 2015, IEnova entered into a related party revolving credit facility in the amount of \$219.6 million with Semptra Energy Holdings XI, B. V. ("SEH").

On August 1, 2016 the Company repaid \$120.5 million of this credit facility, including corresponding interest.

In October 2016, with the proceeds from the Global Offering, the outstanding balance of \$99.5 million was paid in full by the Company.

On August 23, 2017 IEnova entered into a \$132.8 million U.S. Dollar denominated affiliate credit facility with SEH.

The revolving credit facilities are intended to finance working capital needs and general corporate purposes. Please refer to Note 6.1.iv.

- c. On December 27, 2016, IEnova entered into a related party revolving credit facility for \$20.0 million with Peruvian Opportunity Company S. A. C. ("POC").

On April 27, 2017, IEnova entered into a \$19.0 million revolving credit facility with POC.

On June 26, 2017, IEnova entered into a \$21.0 million revolving credit facility with POC.

On September 29, 2017, IEnova entered into a \$21.0 million revolving credit facility with POC.

On December 28, 2017, IEnova entered into a \$21.0 million revolving credit facility with POC.

The revolving credit facilities are intended to finance working capital needs and general corporate purposes. Please refer to Note 6.1.v.

1.2.10 Projects under development

a. Liquefaction project

During March 2015, the Company, together with its subsidiary IEnova Marketing, S. de R. L. de C.V. ("IEnova Marketing") (formerly, IEnova LNG, S. de R. L. de C. V.), announced the execution of a "Memorandum of Understanding" ("Memorandum") with a subsidiary of Pemex, for collaboration in the development of a natural gas liquefaction project at Energia Costa Azul, S. de R. L. de C. V. ("ECA"). ECA is a subsidiary of IEnova and is a liquefied natural gas ("LNG") receipt, storage and regasification facility, located in Ensenada, Baja California, Mexico. The Memorandum defines partner participation in the liquefaction project, including the development, structuring and the terms under which Pemex may become a client and/or investor.

b. Marine pipeline

In June 2016, Infraestructura Marina del Golfo, S. de R. L. de C. V. ("IMG"), the joint venture formed between IEnova and TransCanada Corporation ("TransCanada"), whereby TransCanada has 60 percent interest in the partnership and IEnova owns the remaining 40 percent interest, resulted the winner of a bidding process and entered into a 25-year natural gas transportation service agreement with the Comisión Federal de Electricidad ("CFE"), in connection with the bid issued by CFE for the South Texas-Tuxpan marine pipeline. IMG shall be responsible for the development, construction, and operation of the 42-inch pipeline, with a capacity of 2,600 Million Cubic Feet per Day ("MMCFPD") and a length of approximately 800 kilometers ("km"). The project will require an investment of approximately \$2.1 billion and is expected to begin operations in the last quarter of 2018. Please refer to Note 10.3.

c. La Rumorosa Solar Project and Tepezala II Solar Project

On September 28, 2016, the Company was declared winner of two solar projects, bided by the Centro Nacional de Control de Energía ("CENACE"), La Rumorosa Solar Complex ("La Rumorosa") and Tepezala II Solar Complex ("Tepezala II") with an approximate capacity of 41 MW, located in Baja California, Mexico and 100 MW capacity, located in Aguascalientes, Mexico, respectively. The Tepezala II project will be developed and constructed in collaboration with Trina Solar Holdings, B. V. ("Trina Solar") who will have a 10 percent stake in this project.

The Company, through its subsidiaries will be responsible for the development, construction, operation and maintenance of these projects, including the permits, rights, financing and land acquisition. The estimated investment for these projects is \$150.0 million and the beginning of commercial operations is expected to occur in the second quarter of 2019.

Trina Solar has the option to sell, Trina Solar's ownership interest at the end of the construction period, before operations commence.

d. Pima Solar Project

In March 2017, the Company, through one of its subsidiaries executed a 20-year electric supply contract with Deacero, S. A. P. I. de C. V. to provide energy, clean energy certificates, and capacity from a new solar power plant located in Caborca, Sonora, Mexico.

The Company will be responsible for all aspects of the project implementation, including permitting, acquisition of land and rights of way, engineering, procurement, construction, financing, operations and maintenance.

The solar power plant will have a 110 MW capacity. The estimated investment for this project is \$115.0 million. The beginning of commercial operations is expected to occur in the fourth quarter of 2018.

e. Veracruz marine terminal and in-land terminal projects

On July 12, 2017, the Company won the Administración Portuaria Integral de Veracruz, S. A. de C. V. ("API") bid for a 20-year transfer of its concession rights of an area to build and operate a marine terminal for the reception, storage and delivery of refined products.

According to the bidding basis, the Company made a onetime counter-payment offered for the right to build, use, leverage and benefit from the operation of the Veracruz marine terminal, in two installments, each equivalent to the 50 percent of the total amount, the first payment of \$500.0 million Mexican Pesos (\$28.2 million U. S. Dollars) was settled on August 1, 2017, prior to the execution of the concession agreement, as per bidding basis.

The Company paid the remaining 50 percent of a counterpayment fee for \$500.0 million Mexican Pesos, on January 8, 2018.

On August 3, 2017, the Company executed the 20-year concession agreement with the Veracruz API to develop, construct and operate the aforementioned marine terminal. The concession includes the transfer, during 2018, of the waterfront lot where the terminal will be built.

With an investment of approximately \$166.0 million U.S. Dollars, the terminal will have a capacity of 2,120,000 barrels and is expected to begin operations at the end of 2018.

Additionally, the Company will build and operate two storage terminals that will be strategically located in Puebla and Mexico City, and will have initial storage capacities of approximately 500,000 and 800,000 barrels, respectively. With an investment of approximately \$120.0 million U.S. Dollars, the two in-land terminals will start operations during 2019.

The Company will be responsible for the implementation of the projects, including the obtaining of permits, engineering, procurement, construction, operation, maintenance, financing and providing services.

On July 29, 2017, the Company executed three long-term firm capacity contracts with Valero Marketing and Supply de Mexico, S. A. de C. V. ("Valero") for the receipt, storage capacity and delivery of hydrocarbons in the Veracruz marine terminal and for the two in-land terminals to be constructed in Puebla and Mexico City, for a 20-years term, the contracts are denominated in U.S. Dollars.

Valero plans to import refined products including gasoline, diesel and jet fuel, and store them at the Veracruz marine terminal. Locally, the products will be distributed by truck and transported to Puebla and Mexico City by rail.

After commercial operations, and subject to all relevant regulatory and corporate authorizations as well as the approval of the API of Veracruz, Valero will have the option to acquire 50 percent of the equity in each of the three terminals.

f. Wind power generation facility

On November 16, 2017, the Company through Energia Sierra Juarez 2 U. S., LLC, a wholly owned affiliate, executed a 20-year power purchase agreement with San Diego Gas & Electric Company, a IEnova's unconsolidated affiliate. The contract will be supplied through a new wind power generation facility that will be located in the municipality of Tecate in Baja California, Mexico. The project will have a capacity of 108 MW and will require an investment of approximately \$150.0 million. The development of this project is subject to the receipt of regulatory approvals, including from the California Public Utilities Commission and the U.S. Federal Energy Regulatory Commission. It is also subject to obtaining consents from financing parties and partners.

1.2.11 Others matters

a. Payment of financial derivatives held for hedging purposes

In September 2005, the Company entered into derivative transactions to hedge future interest payments associated with forecasted borrowings. In 2007, the original hedged items became probable of not occurring due to a change in the Company's external borrowing needs. As of December 31, 2014, there was one remaining interest rate swap agreement under which IEnova received a variable interest rate (three-month LIBOR) and paid a fixed interest rate of 5 percent. The original terms of the swap expire on December 15, 2027. On September 16, 2015, the Company, through an early termination clause, made a payment in the amount of \$29.8 million and as a result, such derivative was canceled.

b. Energy Reforms

On December 20, 2013, Mexico's president enacted constitutional reform with respect to laws governing the energy sector, which was approved by the national congress and the majority of state congresses. The Reform modifies Articles 25, 27 and 28 of the Mexican Constitution, allowing for private investment in the following areas: exploration and production of hydrocarbons, petrochemicals, refining, transportation, storage and distribution of petroleum products and power transmission and distribution. On August 11, 2014, the secondary legislation derived from the reform was enacted and on October 31, 2014, its most relevant regulations were published in the Federal Official Gazette. 2015 and 2016 witnessed the implementation of the Reform since particular regulation (General Administrative Procedures) regarding natural gas, electricity, renewables and liquids were issued by the Energy Regulatory Commission. The Centro Nacional de Control del Gas Natural ("CENAGAS") and CENACE started functioning as the Independent System Operators of the natural gas and national electricity systems (Sistrangas and National Electrical System), and Pemex and CFE had important corporate restructures.

c. Credit Ratings

On November 30, 2017, S&P gave the Company a global corporate credit rating of BBB with a stable outlook, and Fitch Ratings gave IEnova long-term foreign and local currency issuer default ratings of BBB+ with a stable outlook.

1.3. Activities

The Company operates in the energy sector. The Company is organized in two separately managed reportable segments, Gas and Power. Amounts labeled as Corporate consist of parent company activities at IEnova. (Please refer to Note 28.).

The Gas segment develops, owns and operates, or holds interests in, natural gas, LPG ethane pipelines, storage facilities for LNG, and LPG, transportation, distribution and sale of natural gas in the states of Baja California, Sonora, Sinaloa, Coahuila, Chihuahua, Durango, Tamaulipas, Chiapas, San Luis Potosi, Tabasco, Veracruz, Nuevo Leon and Jalisco, Mexico. It also owns and operates a LNG terminal in Baja California, Mexico for importing, storing and regasifying LNG.

The Power segment develops three solar projects located in Baja California, Aguascalientes and Sonora, Mexico, owns and operates a natural gas fired power plant that includes two gas turbines and one steam turbine, owns a wind farm located in Nuevo Leon, Mexico and holds interests in a renewable energy project in a joint venture in Baja California, Mexico, both renewable energy projects use the wind resources to serve costumers in Mexico and in the U. S., respectively.

The Company develops a project for the construction of a marine terminal and two in-land terminals for the reception, storage and delivery of refined products, located in Veracruz, Mexico City and Puebla, Mexico, respectively.

The Company obtained the corresponding authorization from the Comision Reguladora de Energia ("CRE") in order to perform the regulated activities.

Seasonality of operations. Customer demand in both Gas and Power segments experience seasonal fluctuations. For the Gas segment, the demand for natural gas service is higher in colder months. In the case of the Power segment, the demand for power distribution service is higher during months with hot weather.

1.3.1. Gas segment

The Company's subsidiaries included in this reportable segment are:

- a. Ecogas Mexico, S. de R. L. de C. V. ("ECO") is engaged in the distribution and sale of natural gas for industrial, residential and commercial use in three local distribution zones: Mexicali (serving the city of Mexicali, Baja California), Chihuahua (serving the cities of Chihuahua, Delicias, Cuauhtemoc and Anahuac) and La Laguna-Durango (serving the cities of Torreon, Gomez Palacio, Lerdo and Durango), with pipelines of approximately 3,795 km in length.

During 1996, 1997 and 1999, the CRE granted ECO the first natural gas distribution permits for the local distribution zones of Mexicali, Baja California, Chihuahua, Chihuahua and La Laguna-Durango, under which ECO receives, transports, delivers and sells natural gas through a pipeline system.

In May 2009, the CRE approved the third five-year plan to ECO for the local distribution zones of Chihuahua, Chihuahua and Mexicali, Baja California, and in June 2010 for the local distribution zone of La Laguna-Durango. Additionally, in 2016, the CRE authorized an adjustment to the authorized tariffs to be applied in the five-year plan for the local distribution zones of Chihuahua, Chihuahua and La Laguna-Durango and in 2017 an actualization to tariffs related to inflationary effects. The five-year plans do not include commitments regarding the minimum number of customers. As of December 31, 2017, 2016 and 2015, ECO had over 120,000, 119,000 and 113,000 customers, respectively.

- b. PE International Canada, S. de R. L. de C. V. ("PEI") is a subholding company of the group.
- c. Servicios DGN de Chihuahua, S. A. de C. V. ("SDGN") provides administrative, and operational services to other affiliates of the group.
- d. Gasoducto Rosarito, S. de R. L. de C. V. ("GRO") renders services of transportation of natural gas, serving the energy requirements of Baja California, Mexico. GRO operates the Gasoducto system comprised of three natural gas pipelines (*Rosarito Mainline*, *LNG Spur* and *Yuma Lateral*) and one 30,000 horse power ("HP") compression station located in Baja California, Mexico. The total length of GRO system is approximately 302 km. The system begins at the interconnection with the El Paso Natural Gas Co. pipeline near Ehrenberg, Arizona, U. S. ("North Baja Pipeline"), and ends in southern Tijuana, Baja California at the interconnection with the Transportadora de Gas Natural de Baja California, S. de R. L. de C. V. ("TGN", a subsidiary company) pipeline. The Mexican portion of the pipeline begins at the interconnection in Algodones, Baja California with the North Baja Pipeline and travels through Mexicali and Tecate, Baja California ending at the interconnection with TGN. These three pipelines operate under one transportation permit issued by the CRE.

Rosarito Mainline: This system was originally placed in service in August 2002 to supply natural gas from the U.S. to several power plants and industrial customers in the Baja California, Mexico market. This system is a 30-inch diameter pipeline with a length of approximately 225 km and a designed transportation capacity of 534 MMCFPD.

LNG Spur: This system was completed in May 2008 and transports natural gas to the Rosarito Mainline for delivery to power plants to the Baja California market. This system is a 42-inch diameter pipeline with a length of approximately 72 km and a designed transportation capacity of 2,600 MMCFPD.

Yuma Lateral: This system was the latest addition to the GRO transportation system and was placed in service in March 2010 to transport natural gas to the Arizona border. This system is a 12-inch diameter pipeline with a length of approximately 5 km and a designed transportation capacity of 190 MMCFPD.

Effective August 1, 2017, GRO was merged with and into Gasoductos de Aguaprieta, S. de R. L. de C. V. ("GAP") which is the surviving entity in the merger.

- e. TGN is engaged in the transportation of natural gas in accordance with a permit issued by the CRE, through a 45 Km, 30-inch pipeline with a designed transportation capacity of 940 MMCFPD as permitted by the CRE. TGN interconnects with the GRO pipeline system in the Tijuana, Baja California, Mexico, area and extends north to interconnect with the San Diego Gas & Electric Company ("SDG&E", an unconsolidated affiliate in the U. S.) system at the Otay Mesa International border and southwest to the CFE's 600 MW Presidente Juarez Power Plant in Rosarito, Baja California, Mexico. The TGN pipeline system was placed in service in June 2000. A 19 km expansion to the TGN system began operations in May 2008.

Effective August 1, 2017, TGN was merged with and into GAP which is the surviving entity in the merger.

- f. IEnova Gasoductos Mexico, S. de R. L. de C. V. ("IEnova Gasoductos Mexico") is engaged in the acquisition and subscription of any kind of participation in the capital stock of a variety of companies; its subsidiaries are engaged in the compression, storage and transportation of natural gas and LPG as well as in rendering all kind of services related to such activities, including the coordination, consulting and supervision of construction and development of energy infrastructure projects.

Sempre Compresion Mexico, S. de R. L. de C. V. ("SCM") was incorporated on August 8, 2003, as a result of a spin-off of El Paso Energy Marketing de Mexico, S de R. L. de C. V. ("EPEMM"). It is primarily engaged in the compression of natural gas using compression equipment located in Naco, Sonora (also referred to as the Naco Compression Station).

In 2001, SCM entered into an agreement with Pemex TRI to provide natural gas compression services for a 20-year period. The term of the agreement may be extended up to five additional years by mutual agreement between SCM and Pemex TRI.

In 2014, SCM was merged into IEnova Gasoductos Mexico subsisting this last company.

- g. GAP, a subsidiary of IEnova Gasoductos Mexico, was incorporated on July 4, 2001 and commenced operations on November 20, 2002. GAP is primarily engaged in the transportation of natural gas.

On July 19, 2002, GAP obtained its natural gas transportation permit from the CRE. The term of the permit is for 30 years and is renewable every 15 years.

On June 28, 2002, GAP entered into a 25-year gas transportation agreement with EPEMM, a related party until April 2010. The pipeline starts at the border of Arizona, U. S., and extends to the power plant called "Naco-Nogales", which is owned by Power and Energy Naco Nogales, S. A. de C. V., located in Agua Prieta, Sonora, Mexico.

Sonora pipeline: In October 2012, GAP was awarded two contracts by the CFE with two contracts to build and operate an approximately 835 km natural gas pipeline network connecting the Northwestern Mexican states of Sonora and Sinaloa ("Northwest gas pipeline", also known as the "Sonora Pipeline") to the U.S. interstate pipeline.

The Sonora pipeline is comprised of two segments, the first one (Sasabe – Guaymas), has an approximate length of 505 km, 36-inch diameter pipeline with 770 MMCFPD of transportation capacity; and the second one (Guaymas – El Oro), has an approximate length of 330 km, and 30-inch pipeline with 510 MMCFPD of transportation capacity and started commercial operation on May 19, 2017.

On August 18, 2014, CFE granted a compliance certification for the Sasabe – Puerto Libertad segment construction. The first 220 km, of the first segment were put into operation in the fourth quarter of 2014. The second 285 km of the first segment (Puerto Libertad – Guaymas), this segment started commercial operation in the third quarter of 2015.

The capacity of the Sonora pipeline is contracted by CFE under two 25-year firm contracts denominated in U.S. Dollars.

Ojinaga - El Encino pipeline: In December 2014, GAP, entered into the Ojinaga pipeline natural gas transportation services agreement with the CFE, which has a term of 25 years. The CFE contracted 100 percent of the transportation capacity of the Ojinaga pipeline, equal to 1.4 billion Cubic Feet Per Day ("CFPD"). The 42-inch pipeline, with a length of approximately 222 km. This segment started commercial operation on June 30, 2017.

San Isidro - Samalayuca pipeline: During 2015, the Company, through its subsidiary GAP, was declared winner of the CFE tender for a natural gas transportation contract through a pipeline from San Isidro to Samalayuca in the State of Chihuahua. Such project consists of a header facility with a capacity of 3 billion CFPD and a 23 km pipeline with a capacity of 1,135 MMCFPD of natural gas. The system supplies natural gas to the Norte III Combined Cycle Power Plant and interconnect with the following systems: Gasoductos de Chihuahua, Tarahumara Pipeline and the Samalayuca-Sasabe pipeline. This segment started commercial operation on March 31, 2017. The contract maturity is 25 years.

El Empalme pipeline branch: In May 2016, IEnova entered into a natural gas transportation service agreement with CFE for a 21 year term, denominated in U.S. Dollars, for 100 percent of the transportation capacity of the Ramal Empalme pipeline, equal to 226 MMCFPD of natural gas. The 20 km pipeline branch. This segment started commercial operation on June 24, 2017.

- h. IGH is engaged in the acquisition and subscription of any participation in the share capital of various companies.
- i. IEnova, S. de R. L. de C. V. is engaged in providing administrative and operating services to other subsidiaries in the group.

During 2015, this entity was liquidated.

- j. ECA, owns and operates an LNG regasification and storage facility ("LNG Terminal") in Ensenada, Baja California, Mexico.

During 2007, ECA obtained all necessary operating permits from Mexican regulatory agencies and operations commenced in May 2008.

In December 2009, ECA completed the construction of a nitrogen injection facility to allow customers to deliver LNG with a greater range of gross heating value. The nitrogen injection facility produces nitrogen that can be mixed with natural gas when it is necessary to lower the heating content to meet pipeline gas quality standards in Mexico and the U. S.

ECA entered into a 20-year firm storage service agreement with Sempra LNG International, LLC ("SLNGI", an unconsolidated affiliate in the U.S.) through IEnova Marketing for which SLNGI is committed to pay for the 50 percent of the total storage capacity of the LNG Terminal. The agreement commenced in May 2008 after the LNG Terminal was placed in service. In April 2009, the shipper assigned the remaining contracted storage capacity to other independent third parties.

- k. IEnova Marketing provides LNG services related to the purchase and sale of LNG and natural gas. In May 2008, IEnova Marketing began operating jointly with ECA. Up to that date, the activities of IEnova Marketing were primarily focused on obtaining necessary permits to operate.

In November 2009, IEnova Marketing entered into an agreement with SLNGI, whereby SLNGI agreed to deliver and sell LNG cargoes to IEnova Marketing from startup date of the LNG Terminal. Accordingly, IEnova Marketing entered into transportation and storage capacity service agreements to commercialize the LNG.

Thereafter, on January 1, 2013, SLNGI and IEnova Marketing entered into an LNG sale and purchase, transportation and supply agreement expiring on August 20, 2029. The minimum annual quantity committed for delivery is 188 million British Thermal Units ("MmBtus"). Under the terms of the agreement, SLNGI will be responsible for the transportation to the receiving terminal of all quantities of LNG sold and delivered from the delivery point to the receiving terminal and, IEnova Marketing will take LNG in order to meet its purchase commitments.

- l. IEnova Pipelines is engaged in providing natural gas and LPG transportation services through Gasoductos de Tamaulipas, S de R. L. de C. V. ("GdT"), Gasoductos del Noroeste, S. de R. L. de C. V. ("GdN") and TDF, S. de R. L. de C. V. ("TDF"), respectively, it also stores gas for the supply of LPG, through Transportadora del Norte SH, S. de R. L. de C. V. ("TdN", TDF's holding company). These activities are regulated by the CRE. IEnova Pipelines is also engaged as well in the ethane gas transportation service through Gasoductos del Sureste, S. de R. L. de C. V. ("GdS").

IEnova Pipelines has to follow the rulings authorized by the CRE. Those contain among other things, general service provision conditions for the service supply, tariff limits, the approved maximum revenues and the route followed by the gas pipeline proposed by the companies. The construction program and established investments in each permit must have been developed by IEnova Pipelines. In addition, the rulings require that a review of the maximum revenue be performed every five years to make any adjustments required regarding revenue and the related tariffs.

GdT - San Fernando pipeline: a fully bi-directional system that is comprised of a 36-inch diameter pipeline with an approximate length of 114 km and a capacity of 1,460 MMCFPD and two compression stations with a total of 95,670 HP. The pipeline extends from the El Curacol compression station in Reynosa, Tamaulipas to Los Indios compression station in San Fernando, Tamaulipas. CENAGAS, as transferee of Pemex TRI, is the sole customer of the San Fernando pipeline and also purchases the system's unused compression capacity on an as-needed basis pursuant to an interruptible transportation services agreement. The services agreement with CENAGAS has an initial term of 20 years beginning in 2003, but is extendable for a five-year period at the customer's option.

IEnova Pipelines - Samalayuca pipeline: a 24-inch diameter pipeline with an approximate length of 37 km and a capacity of 400 MMCFPD. The Samalayuca pipeline, which began operations in 1997, was the first privately-owned natural gas pipeline in Mexico. The Samalayuca pipeline extends from Ejido San Isidro, Chihuahua, to CFE's Samalayuca power plant and interconnects with a separate, 16-inch diameter pipeline owned by Pemex TRI that extends from Ciudad Juarez to Chihuahua. IEnova Pipelines has entered into long-term transportation service agreements with the Samalayuca pipeline's customers, which have 50 percent of the system's design capacity contracted on a firm basis.

IEnova Pipelines - Gloria a Dios compression station: a 14,300 HP compressor with a capacity of 60 MMCFPD. It is installed at the interconnection point of the Samalayuca pipeline and Pemex TRI's Ciudad Juarez-Chihuahua natural gas pipeline in Gloria a Dios, Chihuahua. CFE, which is the station's sole customer, has contracted 100 percent of the station's capacity on a firm basis through 2021, at the rates established by the CRE, pursuant to a transportation and compression services agreement. Under this agreement, the Gloria a Dios compression station provides compression services for the Chihuahua II power plant, transports natural gas from an interconnection between Kinder Morgan's pipeline system and the Samalayuca pipeline at the Mexico-U.S. border, and delivers the compressed gas to the interconnection point of the Samalayuca pipeline and Pemex TRI's pipeline system.

TDF - LPG pipeline: a system comprised of approximately 190km of 12-inch diameter pipeline with an average daily transportation capacity of 34,000 Barrels per day ("Bbld") of LPG, a pumping station located near the pipeline's point of delivery, and a reception facility that includes two storage spheres with a combined storage capacity of 40,000 Bbld.

The TDF's LPG pipeline, which was the first private LPG pipeline in Mexico, extends from Pemex TRI's Burgos LPG production area in the State of Tamaulipas to a delivery facility near Monterrey, Nuevo Leon. The TDF's LPG pipeline has in place a firm transportation services agreement with Pemex TRI, which expires in 2027.

TdN - Guadalajara LPG terminal: in 2013 TdN completed the construction of an LPG storage facility with a capacity of 80,000 Bbld near Guadalajara, Jalisco. This facility consists of four storage spheres, each with a capacity of approximately 20,000 Bbld, ten loading bays, and an interconnection with a separate LPG pipeline system that is owned by Pemex TRI. The Company has entered into several 15-year storage service agreements with Pemex TRI, pursuant to which it has contracted 100 percent of the terminal's capacity through 2028.

GdN - Los Ramones I pipeline: the system is comprised of a 48-inch diameter pipeline with an approximate length of 116 km and two compression stations with a total of 123,000 HP. The Los Ramones I pipeline transports natural gas from northern Tamaulipas, near the Mexico-U.S. border, to the interconnection point with the Los Ramones II Norte pipeline and Mexico's national pipeline system in Los Ramones, Nuevo Leon. CENAGAS, as transferee of Pemex TRI, is the sole customer of this facility under a 25-year firm transportation services agreement.

GdS - Ethane pipeline: an approximately 224 km system comprised of three segments. The first segment is a 20-inch diameter pipeline with a transportation capacity of approximately 33 MMCFPD (0.6 MMThd). The second segment is a 16/24-inch diameter pipeline with a transportation capacity of approximately 100 MMCFPD (1.8 MMThd). The third segment is a 20-inch diameter pipeline with a transportation capacity of approximately 106 MMCFPD (1.9 MMThd). The Ethane pipeline transports ethane from Pemex's processing facilities in the states of Tabasco, Chiapas, and Veracruz to the Ethylene XXI ethylene and polyethylene polymerization plant in the State of Veracruz. Pemex TRI, the sole customer of this facility, has contracted 100 percent of its capacity for a period of twenty one years under a purchase agreement on a take-or-pay basis. This system, which began operations in 2015, is Mexico's first privately-owned ethane pipeline.

- m. DEN provides operation and maintenance services to the Los Ramones II Norte pipeline system under a 25-year term agreement, starting in February 2016, the commercial operations date DEN owned 50 percent of TAG, which owned 99.99 percent of TAG Pipelines Norte, S. de R.L. de C. V. ("TPN"), under which the Los Ramones II Norte pipeline was built. On November 15, 2017, IEnova completed the acquisition of Pemex TRI 50 percent interest in DEN, through this acquisition IEnova increased its ownership interest in TAG from 25 percent to 50 percent. DEN became a wholly owned, consolidated subsidiary of IEnova. Please refer to Note 11.3.

1.3.2. Power segment

The Company's subsidiaries included in this reportable segment are:

- a. TDM, a 625-MW natural-gas-fired, combined-cycle power generation facility located in the city of Mexicali, Baja California, is engaged in the generation and sale of electricity. In August 2001, TDM received a favorable resolution by the CRE to generate and export electricity.

On January 1, 2013 (with an effective date of January 1, 2012), Sempra Generation, L.L.C. ("SGEN") and TDM entered into a new commercial agreement, for which TDM delivers all of its power output directly to the California's Independent System Operator power grid ("CAISO") in the U. S. at the Mexico border, and SGEN provides marketing, scheduling and dispatch services for TDM.

- b. In October 2013, ESJ began the construction of the 155 MW first phase of the wind generation project, which is fully contracted by SDG&E and started operations in June 2015. The ESJ project is designed to provide up to 1,200 MW of capacity if fully developed. In June 2014, the ESJ wind project entered into a \$240.0 million loan agreement to finance the construction project. The credit facilities mature on June 30, 2033.

The loan agreement also provides for a \$31.7 million letter of credit facility. ESJ also entered into a separate Mexican Peso denominated credit facility for up to \$35.0 million U.S. Dollar equivalent to fund the VAT of the project. On December 23, 2015, ESJ repaid and canceled the total credit facility related to VAT. Please refer to Note 10.2.

- c. In December 2016, the Company acquired 100 percent of the equity interests of Ventika's wind farm, located in the State of Nuevo Leon, approximately 56 km from the U.S. border. It is powered by 84 turbines, provides an aggregate of up to 252 MW of generating capacity, and is connected to CFE's transmission line. Ventika's location has one of the strongest wind resources in the country. It started operations in April 2016, and substantially all of Ventika's generation capacity is contracted to private companies through 20-year, U.S. Dollar-denominated, energy supply agreements.

1.3.3. Corporate segment

The Corporate Segment holds interests in the transportation, storage, distribution, and regasification of gas, and hold interest in power generation operations in Mexico.

- a. Sempra Servicios Energeticos, S. de R. L. de C. V. ("SSE") is a holding company that invests in affiliated companies in the electricity and natural gas industries.
- b. Fundacion IEnova, A. C., was established as a non-profit organization.

2. Significant accounting policies

2.1. Statement of compliance

The Consolidated Financial Statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB").

2.2. Basis of preparation

The Consolidated Financial Statements have been prepared on the historical cost basis except for certain financial instruments, and assets and liabilities recognized upon business combinations that are measured at revalued amounts of fair values at the end of reporting period, as explained in the accounting policies below. (Please refer to Note 11.)

a. Historical cost

Historical cost is generally based on the fair value of the consideration given in exchange for goods and services.

b. Fair value

Fair value ("FV") is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Company takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these Consolidated Financial Statements is determined on such a basis, except for leasing transactions that are within the scope of IAS 17, *Leases* and measurement that have some similarities for fair value but are not fair value, such as net realizable value in IAS 2, *Inventories* or value in use in IAS 36, *Impairment of assets*. In addition, for financial reporting purposes, fair value measurements are categorized into Level 1, 2 or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Company can access at the measurement date;

- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

2.3. Consolidation of Financial Statements

2.3.1. Basis of consolidation

The Consolidated Financial Statements of IEnova incorporate the Financial Statements of all entities where it maintains control (its subsidiaries). Control is achieved when the Company:

- Has power over the investee;
- Is exposed, or has rights, to variable returns from its involvement with the investee; and
- Has the ability to use its power to affect its returns.

The Company reassesses whether or not controls an investee if facts and circumstances indicate that there are changes to one or more of the three control elements that were listed above.

When the Company has less than a majority of the voting rights of an investee, it has power over the investee when the voting rights are sufficient to give it the practical ability to direct the relevant activities of the investee unilaterally. The Company considers all relevant facts and circumstances in assessing whether or not the Company's voting rights in an investee are sufficient to give it power, including:

- The size of the Company's holding of voting rights relative to the size and dispersion of holdings of the other vote holders;
- Potential voting rights held by the Company, other vote holders or other parties;
- Rights arising from other contractual arrangements; and
- Any additional facts and circumstances that indicate that the Company has, or does not have, the current ability to direct the relevant activities at the time that decisions need to be made, including voting patterns at previous shareholders' meetings.

Consolidation of a subsidiary begins when the Company obtains control over the subsidiary and ceases when the Company loses control of the subsidiary. Specifically, income and expenses of a subsidiary acquired or disposed of during the year are included in the Consolidated Statement of Profit and Other Comprehensive Income ("OCI") from the date the Company gains control until the date when the Company ceases to control the subsidiary.

Profit or loss and each component of OCI are attributed to the owners of the Company and to the non-controlling interests. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

When necessary, adjustments are made to the Financial Statements of subsidiaries to bring their accounting policies in line with the Company accounting policies.

All intercompany transactions, assets and liabilities, equity, income, expenses and cash flows relating to transactions between members of the Company are eliminated in full on consolidation.

IEnova's equity ownership in subsidiaries for the year ended December 31, 2017 is as follows:

Company	Ownership percentage 2017
<i>Gas Segment:</i>	
Ecogas Mexico, S. de R. L. de C. V.	100.00
PE International Canada, S. de R. L. de C. V.	98.99
Servicios DGN de Chihuahua, S. A. de C. V.	100.00
Gasoducto Rosarito, S. de R. L. de C. V. ("Merged in 2017 with GAP")	100.00
Transportadora de Gas Natural de Baja California, S. de R. L. de C. V. ("Merged in 2017 with GAP")	100.00
IEnova Gasoductos Mexico, S. de R. L. de C. V.	100.00
Gasoducto de Aguaprieta, S. de R. L. de C. V.	100.00
IEnova Gasoductos Holding, S. de R. L. de C. V.	100.00
IEnova, S. de R. L. de C. V.	100.00
Energia Costa Azul, S. de R. L. de C. V. and Subsidiary	100.00
IEnova Marketing, S. de R. L. de C. V.	100.00
Ductos e Infraestructura Marina, S. de R. L. de C. V.	100.00
IEnova Gas, S. de R. L. de C. V.	100.00
IEnova Pipelines, S. de R. L. de C. V.	100.00
Gasoductos de Tamaulipas, S. de R. L. de C. V.	100.00
Gasoductos del Noroeste, S. de R. L. de C. V.	100.00
Transportadora del Norte SH, S. de R. L. de C. V.	100.00
TDF, S. de R. L. de C. V.	100.00
Ductos y Energeticos del Sureste, S. de R. L. de C. V.	100.00
Gasoductos del Sureste, S. de R. L. de C. V.	100.00
Gasoductos Servicios Subholding, S. de R. L. de C. V.	100.00
Gasoductos Ingenieria, S. de R. L. de C. V.	100.00
Gasoductos Servicios Corporativos, S. de R. L. de C. V.	100.00
Gasoductos Servicios Corporativos y de Administracion, S. de R. L. de C. V.	100.00
Ductos y Energeticos del Norte, S. de R. L. de C. V.	100.00
IEnova Infraestructura Marina Holding, B.V.	100.00
IEnova Petroleum Liquids Holding, B.V.	100.00
ESJ Renewable III, S. de R. L. de C. V.	100.00
IEnova Gasoductos Holding, LLC	100.00
Sempra Ecogas Holdings, LLC	100.00
IEnova Petroliferos Holdings, S. de R. L. de C. V.	100.00
IEnova Petroliferos III, S. de R. L. de C. V.	100.00
IEnova Petroliferos IV, S. de R. L. de C. V.	100.00
<i>Power segment:</i>	
Termoelectrica de Mexicali, S. de R. L. de C. V. and Subsidiaries	100.00
Controladora Sierra Juarez, S. de R. L. de C. V.	100.00
IEnova Ventika Holding, B.V.	100.00
IEnova Ventika Holding II, B.V.	100.00

Company	Ownership percentage 2017
IEnova Ventika Mexico, S. de R. L. de C. V.	100.00
IEnova Ventika Mexico II, S. de R. L. de C. V.	100.00
Ventika, S.A.P. I. de C. V.	100.00
Ventika II, S.A.P. I. de C. V.	100.00
ESJ Renewable I, S. de R. L. de C. V.	90.00
ESJ Renewable II, S. de R. L. de C. V.	100.00
IEnova Renewable Holding I, B. V.	100.00
IEnova Renewable Holding II, B. V.	100.00
Energia Sierra Juárez 2, U. S., LLC	100.00
Energia Sierra Juárez 2, S. de R. L. de C. V.	100.00
Energia Sierra Juárez Holding, S. de R. L. de C. V.	100.00
<i>Corporate segment:</i>	
Sempre Servicios Energeticos, S. de R. L. de C. V.	99.87
Fundacion IEnova, A. C.	100.00

2.4. Classification of costs and expenses

The costs and expenses are presented according to their function because this is the practice of the industry in which the Company operates.

2.5. Cash and cash equivalents

Cash and cash equivalents consist mainly of bank deposits in checking accounts and short-term investments that are highly liquid and easily convertible into cash, mature within three months as of their acquisition date, and are subject to low risk of material changes in value. Cash is stated at nominal value and cash equivalents are valued at fair value; any fluctuations in value are recognized in the Consolidated Statements of Profit.

2.6. Restricted cash

Restricted cash comprises the amounts of cash of escrows used by the Company to make payments of certain operating costs, which are guaranteed until the completion of the projects. It also comprises the restricted cash under the project financing structure.

2.7. Short-term investments

Short-term investments consist mainly in money market funds, highly liquid and easily convertible into cash, maturing within three months as of their acquisition date, which are subject to immaterial value change risks and are maintained for purposes other than operation.

2.8. Natural gas inventories

Liquefied natural gas inventory is recorded at the lower of cost or net realizable value. Costs of inventories are determined on a first-in-first-out basis. Net realizable value represents the estimated selling price for inventories less all estimated costs necessary to sell.

2.9. Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership of the benefits. All other leases are classified as operating leases.

2.9.1. The Company as lessor

Amounts payable by lessees under finance leases are recognized as receivables at the amount of the Company's net investment in the leases. Finance lease income is distributed in the accounting periods to reflect a constant periodic rate of return on the Company's net investment with respect of the leases.

Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized on a straight-line basis over the lease term.

2.9.2. Company as lessee

Assets held under finance leases are initially recognized as assets of the Company at their fair value at the inception of the lease, or if lower, the present value of the minimum lease payments. The corresponding liability to the lessor is included in the Consolidated Statements of Financial Position as a finance lease obligation.

Lease payments are apportioned between finance charges and reduction of the lease obligation so as to achieve a constant rate of interest on the remaining balance of the liability. Finance expenses are recognized immediately in profit, unless they are directly attributable to qualifying assets, in which case they are capitalized in accordance with the Company's accounting policy on borrowing costs (Please refer to Note 2.18). Contingent rentals are recognized as expenses in the periods in which they are incurred.

Operating lease payments are recognized as an expense on a straight-line basis over the lease term, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed. Contingent rentals arising under operating leases are recognized as an expense in the period in which they are incurred.

In the event that income incentives received for holding operating leases, such incentives are recognized as a liability. The aggregate benefit of incentives is recognized as a reduction of rental expense on a straight line basis except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

Investments in joint ventures

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint arrangement. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require unanimous consent of the parties sharing control.

The results, assets and liabilities of the joint venture are incorporated in these Consolidated Financial Statements using the equity method of accounting, except when the investment, or a portion thereof, is classified as held for sale, in which case it is accounted for in accordance with IFRS 5, *Non-current assets held for sale and discontinued operations*. Under the equity method, an investment in a joint venture is initially recognized in the Consolidated Statement of Financial Position at cost and adjusted thereafter to recognize the Company's share of the profit or loss and OCI of the joint venture.

When the Company's share of losses of a joint venture exceeds the Company's interest in that joint venture (which includes any long-term interests that, in substance, form part of the Company's net investment in the joint venture), the Company discontinues recognizing its share of further losses. Additional losses are recognized only to the extent that the Company has incurred legal or constructive obligations or made payments on behalf of the joint venture.

An investment in a joint venture is accounted for using the equity method from the date on which the investee becomes a joint venture. On acquisition of the investment in a joint venture, any excess of the cost of the investment over the Company's share of the net fair value of the identifiable assets and liabilities of the investee is recognized as goodwill, which is included within the carrying amount of the investment.

Any excess of the Company's share of the net fair value of the identifiable assets and liabilities over the cost of the investment, after reassessment, is recognized immediately in profit in the year in which the investment is acquired.

The requirements of IAS 39, *Financial instruments: recognition and measurement*, are applied to determine whether it is necessary to recognize any impairment loss with respect to the Company's investment in a joint venture. When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with IAS 36, *Impairment of Assets*, as a single asset, by comparing its recoverable amount (higher of value in use and fair value less costs to sell) with its carrying amount. Any impairment loss recognized forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized in accordance with IAS 36 to the extent that the recoverable amount of the investment subsequently increases.

The Company discontinues the use of the equity method from the date when the investment ceases to be a joint venture, or when the investment is classified as held for sale. When the Company retains an interest in the former joint venture and the retained interest is a financial asset, the Company measures the retained interest at fair value at that date and the fair value is regarded as its fair value on initial recognition in accordance with IAS 39. The difference between the carrying amount of the joint venture at the date the equity method was discontinued, and the fair value of any retained interest and any proceeds from disposing of a part interest in the joint venture is included in the determination of the gain or loss on disposal of the joint venture. In addition, the Company accounts for all amounts previously recognized in OCI in relation to that joint venture on the same basis as would be required if that joint venture had directly disposed of the related assets or liabilities. Therefore, if a gain or loss previously recognized in OCI by that joint venture would be reclassified to profit on the disposal of the related assets or liabilities, the Company reclassifies the gain or loss from equity to profit (as a reclassification adjustment) when the equity method is discontinued.

The Company continues to use the equity method when an investment in an associate becomes an investment in a joint venture or an investment in a joint venture becomes an investment in an associate. There is no remeasurement to fair value upon such changes in ownership interests.

When the Company reduces its ownership interest in a joint venture but the Company continues to use the equity method, the Company reclassifies to profit the proportion of the gain or loss that had previously been recognized in OCI regarding that reduction in ownership interest if that gain or loss would be reclassified to profit on the disposal of the related assets or liabilities.

When the Company conducts transactions with joint ventures, non-realized profit and losses are eliminated at the Company's ownership percentage in the joint venture.

2.11. Business combination and assets acquisition

A company shall determine whether a transaction or other event is a business combination by applying the definition of IFRS 3 *Business Combinations*, which requires that the assets acquired and liabilities assumed constitute a business. If the assets acquired are not a business, the Company shall account for the transaction or other event as an asset acquisition.

Acquisitions of businesses are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the acquisition-date fair values of the assets transferred by the Company, liabilities incurred by the Company to the former owners of the acquiree and the equity interests issued by the Company in exchange for control of the acquiree. Acquisition-related costs are generally recognized in profit or loss as incurred.

At the acquisition date, the identifiable assets acquired and the liabilities assumed are recognized at their fair value, except for:

- Deferred tax assets or liabilities, and assets or liabilities related to employee benefit arrangements are recognized and measured in accordance with IAS 12 *Income Taxes* and IAS 19 *Employee Benefits*, respectively,

- Assets (or disposal groups) that are classified as held for sale in accordance with IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations* are measured in accordance with that Standard.

Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interest in the acquiree (if any) over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed. If, after reassessment, the net of the acquisition-date amounts of the identifiable assets acquired and liabilities assumed exceeds the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree and the fair value of the acquirer's previously held interest in the acquiree (if any), the excess is recognized immediately in profit as a bargain purchase gain.

Non-controlling interests that are present ownership interests and entitle their holders to a proportionate share of the Company's net assets in the event of liquidation may be initially measured either at fair value or at the non-controlling interests' proportionate share of the recognized amounts of the acquiree's identifiable net assets. The choice of measurement basis is made on a transaction-by-transaction basis. Other types of non-controlling interests are measured at fair value or, when applicable, on the basis specified in another IFRS.

When the consideration transferred by the Company in a business combination includes assets or liabilities resulting from a contingent consideration arrangement, the contingent consideration is measured at its acquisition-date fair value and included as part of the consideration transferred in a business combination. Changes in the fair value of the contingent consideration that qualify as measurement period adjustments are adjusted retrospectively, with corresponding adjustments against goodwill. Measurement period adjustments are adjustments that arise from additional information obtained during the measurement period (which cannot exceed one year from the acquisition date) about facts and circumstances that existed at the acquisition date.

The subsequent accounting for changes in the fair value of the contingent consideration that do not qualify as measurement period adjustments depends on how the contingent consideration is classified. Contingent consideration that is classified as equity is not remeasured at subsequent reporting dates and its subsequent settlement is accounted for within equity. Other contingent consideration that is classified as an asset or a liability is remeasured at subsequent reporting dates in accordance with IAS 39, or IAS 37 *Provisions, Contingent Liabilities and Contingent Assets*, as appropriate, with the corresponding gain or loss being recognized in profit.

When a business combination is achieved in stages, the Company's previously held equity interest in the acquiree is remeasured to its acquisition-date fair value and the resulting gain or loss, if any, is recognized in profit. Amounts arising from interests in the acquiree prior to the acquisition date, that have previously been recognized in OCI are reclassified to profit where such treatment would be appropriate if that interest were disposed of.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Company reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period (see above), or additional assets or liabilities are recognized, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognized at that date.

2.12. Goodwill

For the purposes of impairment testing, goodwill is allocated to each of the Company's cash-generating units that are expected to benefit from the synergies of the combination.

A cash-generating unit to which goodwill has been allocated is tested for impairment annually, or more frequently when there is indication that the unit may be impaired. If the recoverable amount of the cash-generating unit is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit pro rata based on the carrying amount of each asset in the unit. Any impairment loss for goodwill is recognized directly in profit or loss in the Consolidated Statement of Profit. An impairment loss recognized for goodwill is not reversed in subsequent periods.

On disposal of the relevant cash-generating unit, the attributable amount of goodwill is included in the determination of the profit on disposal.

2.13. Carbon allowances

The Company has elected to account for carbon allowances, or emission allowances, ("CAs") under the inventory model, whereby CAs are measured at a weighted-average cost. CAs allocated by a regulatory body will have a zero cost basis, CAs purchased at auction or from other market participants are recorded at their purchase price, and CAs acquired when the Company elects to physically settle carbon futures are recorded based on the settlement price. The weighted-average cost of CAs consumed (i.e., carbon emitted while power is generated) is charged to cost of revenue of each reporting period. The CAs' carrying value is evaluated under the "lower of cost or net realizable value" approach. The CAs inventory is classified as other current assets or other non-current assets if it is expected to surrender the inventory within the term greater than one year beginning at the Consolidated Statements of Financial Position date. The CAs' cash inflows and outflows are classified as an operating activity in the Consolidated Statements of Cash Flows. (Please refer Note 20).

2.14. Property, plant and equipment

Property, plant and equipment are presented in the Consolidated Statements of Financial Position and recorded at acquisition cost, less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Acquisition costs include labor, material costs and construction service agreements.

The Company recognizes decommissioning liabilities for the present value of liabilities of future costs expected to be incurred when assets are retired from service, if the retirement process is legally required and if a reasonable estimate of fair value can be made.

Property, plant and equipment include major expenditures for improvements and replacements parts, which extend useful lives or increase capacity. Routine maintenance costs are expensed as incurred.

Properties in the course of construction for production, supply or administrative purposes are carried at cost, less any recognized impairment loss. Cost includes professional fees and, for qualifying assets, borrowing costs capitalized in accordance with the Company's accounting policy. Such properties are classified to the appropriate categories of property, plant and equipment when completed and ready for intended use. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

Land is not depreciated. The buildings, equipment and other assets are stated at cost less accumulated depreciation and accumulated impairment losses.

Depreciation is recognized to write-off the cost of assets (other than land and properties under construction) less their residual values over their useful lives, using the straight-line method. The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

An item of property, plant and equipment is derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognized in profit.

2.15. Intangible assets

Intangible assets acquired in a business combination and/or assets acquisition and recognized separately from goodwill and are initially recognized at their fair value at the acquisition date (which is regarded as their cost).

Subsequent to initial recognition, intangible assets acquired in a business combination and/or assets acquisition are reported at cost less accumulated amortization and accumulated impairment losses, on the same basis as intangible assets that are acquired separately.

2.16. Impairment of tangible and intangible assets (other than goodwill)

At the end of each reporting period, the Company reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). When it is not possible to estimate the recoverable amount of an individual asset, the Company estimates the recoverable amount of the cash-generating unit to which the asset belongs. When a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual cash-generating units, or otherwise they are allocated to the smallest group of cash-generating units for which a reasonable and consistent allocation basis can be identified.

Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment at least annually, and whenever there is an indication that the asset may be impaired.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognized immediately in profit, unless the relevant asset is carried at a revalued amount, in which case the impairment loss is treated as a revaluation decrease.

When an impairment loss subsequently reverses, the carrying amount of the asset (or a cash-generating unit) is increased to the revised estimate of its recoverable amount, but such that the increased carrying amount should not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognized immediately in profit.

When non-current assets and disposal groups are classified as held for sale, they are required to be measured at the lower of their carrying amount and fair value less costs to sell. The comparison of carrying amount and fair value less costs to sell is carried out at each reporting date while it continues to meet the held for sale criteria. As described in Note 12, an impairment loss related to TDM has been recognized in the Consolidated Statements of Profit.

Fair value is an estimate of the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Accordingly, a gain or loss could arise once an actual sale is completed.

2.17. Non-current assets classified as held for sale and discontinued operations

Non-current assets and disposal groups are classified as held for sale if their carrying amount will be recovered principally through a sale transaction rather than through continuing use. This condition is regarded as met only when the asset (or disposal group) is available for immediate sale in its present condition subject only to terms that are usual and customary for sales of such asset (or disposal group) and its sale is highly probable. Management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

When the Company is committed to a sale plan involving loss of control of a subsidiary, all of the assets and liabilities of that subsidiary are classified as held for sale when the criteria described above are met, regardless of whether the Company will retain a non-controlling interest in its former subsidiary after the sale.

When the Company is committed to a sale plan involving disposal of an investment, or a portion of an investment, in an associate or joint venture, the investment or the portion of the investment that will be disposed of is classified as held for sale when the criteria described above are met, and the Company discontinues the use of the equity method in relation to the portion that is classified as held for sale. Any retained portion of an investment in an associate or a joint venture that has not been classified as held for sale continues to be accounted for using the equity method.

The Company discontinues the use of the equity method at the time of disposal when the disposal results in the Company losing significant influence over the associate or joint venture.

After the disposal takes place, the Company accounts for any retained interest in the associate or joint venture in accordance with LAS 39 unless the retained interest continues to be an associate or a joint venture, in which case the Company uses the equity method.

Non-current assets classified as held for sale are measured at the lower of their previous carrying amount and fair value less costs to sell.

2.18. Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

To the extent that the Company generally borrows funds and uses them for the purpose of obtaining a qualifying asset, the Company shall determine the amount of borrowing costs eligible for capitalization by applying a capitalization rate to the expenditures on that asset. The capitalization rate shall be the weighted average of the borrowing costs applicable to the borrowings of the Company that are outstanding during the period, other than borrowings made specifically for the purpose of obtaining a qualifying asset. The amount of borrowing costs that the Company capitalizes during a period shall not exceed the amount of borrowing costs it incurred during that period. For a relationship designated as cash flow hedging, none of the effects of the derivative are included in capitalized interest.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalization.

All other borrowing costs are recognized in profit in the period in which they are incurred.

2.19. Employee benefits

Payments to defined contribution retirement benefit plans are recognized as an expense when employees have rendered service entitling them to the contributions.

In accordance with Mexican Labor Law, the Company provides seniority premium benefits to its employees under certain circumstances. These benefits consist of a one-time payment equivalent to 12 days wages for each year of service (at the employee's most recent salary, but not to exceed twice the legal minimum wage), payable to all employees with 15 or more years of service, as well as to certain employees terminated involuntarily prior to the vesting of their seniority premium benefit.

For defined benefit retirement plans, which include pension plans as well as its seniority premium benefits, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each annual reporting period. Remeasurement comprising actuarial gains and losses and the effect of the changes on the floor of the asset (if applicable), are immediately recognized in the Consolidated Statement of Financial Position charged to the credit recognized in the Consolidated Statements of Profit and OCI in the period in which they occur.

Remeasurement recognized in OCI is reflected immediately in retained earnings and will not be reclassified to profit or loss. The Company presents service costs within administrative and other expenses in the Consolidated Statements of Profit. The Company presents net interest cost within finance costs in the Consolidated Statements of Profit. The retirement benefit obligation recognized in the Consolidated Statements of Financial Position represents the present value of the defined benefit obligation as of the end of each reporting year.

2.19.1. Short-term and other long-term employee benefits and statutory employee profit sharing ("PTU")

A liability is recognized for benefits accruing to employees in respect of wages and salaries, annual leave and sick leave in the period the related service is rendered at the undiscounted amount of the benefits expected to be paid in exchange for that service.

Liabilities recognized in respect of short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in exchange for the related service and are presented in other liabilities.

Liabilities recognized in respect of other long-term employee benefits are measured at the present value of the estimated future cash outflows expected to be made by the Company in respect of services provided by employees up to the reporting date.

2.19.2. Statutory employee profit sharing

PTU is recorded in the results of the year in which it is incurred and is presented in operating expenses and cost of sales line item in the Consolidated Statement of Profit and Other Comprehensive Income.

As result of the 2014 Income Tax Law, as of December 31, 2017, 2016 and 2015, PTU is determined based on taxable income, according to Section I of Article 9 of the that Law.

2.20. Provisions

Provisions are recognized when the Company has a present obligation (legal or constructive) as a result of a past event, it is probable that the Company will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (when the effect of the time value of money is material).

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

2.21. Financial instruments

Financial assets and financial liabilities are recognized when the Company becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit.

2.21.1. Amortized cost

The amortized cost of a financial asset or liability is the amount at which the financial asset or liability is measured at initial recognition, minus principal repayments, plus or minus the cumulative amortization using the effective interest method of any difference between the initial amount recognized and the maturity amount, minus any reduction for impairment.

The effective interest method is a method of calculating the amortized cost of a debt instrument or financial liability and of allocating interest income or expense over the relevant period.

The effective interest rate is the rate that exactly discounts estimated future cash receipts or payments (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the debt instrument, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

2.21.2. Fair value

Fair value is defined in Note 2.2.b.

2.22. Financial assets

Financial assets are classified into the following categories: financial assets 'at fair value through profit or loss' ("FVTPL"), investments preserved at maturity financial assets 'available for sale' ("AFS") and 'loans and receivables'. The classification depends on the nature and purpose of the financial assets and is determined at initial recognition. All purchases or sales of financial assets made routinely identified and removed based on the trade date. Purchases or sales regularly are those purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or custom in that market.

2.22.1. Effective interest rate method

The effective interest method is a method of calculating the amortized cost of a debt instrument and of allocating the interest income or interest cost during the relevant period. The effective interest rate is the rate that discounts estimated future cash receipts (including all fees and basis points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) during the expected life of the debt instrument or, when appropriate, a shorter period to the net carrying amount on initial recognition.

2.22.2. Financial assets at FVTPL

Financial assets are classified as at FVTPL when the financial asset is either held for trading or it is designated as at FVTPL.

A financial asset is classified as held for trading if:

- It has been acquired principally for the purpose of selling it in the near term; or
- On initial recognition it is part of a portfolio of identified financial instruments that the Company manages together and has a recent actual pattern of short-term profit-taking; or
- It is a derivative that is not designated and effective as a hedging instrument.

A financial asset other than a financial asset held for trading may be designated as at FVTPL upon initial recognition if, certain conditions are met. The Company has not designated any financial assets as at FVTPL.

Financial assets at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporates any dividend or interest earned on the financial asset and is included in the cost of revenues and in other gains and losses line items in the Consolidated Statements of Profit. Fair value is determined in the manner described in Note 2.2.b.

2.22.3. Held-to-maturity investments

Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturity dates that the Company has the positive intent and ability to hold to maturity. Subsequent to initial recognition, held-to-maturity investments are measured at amortized cost using the effective interest method less any impairment. The Company does not hold any held-to-maturity financial assets.

2.22.4. Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables (including trade and other receivables and amounts due from unconsolidated affiliates) are measured at amortized cost using the effective interest method, less any impairment.

Interest income is recognized by applying the effective interest rate, except for short-term receivables when the recognition of interest would be immaterial.

2.22.5. Impairment of financial assets

Financial assets are subject to impairment tests at the end of each reporting period. It is considered that financial assets are impaired when there is objective evidence that as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the financial asset have been affected.

For all other financial assets, objective evidence of impairment could include:

- Significant financial difficulty of the issuer or counterparty;
- Non-payment of interest or principal;
- It is probable that the borrower will enter bankruptcy or financial reorganization; or
- The disappearance of an active market for that financial asset because of financial difficulties.

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets, except for accounts receivable where the carrying amount is reduced through an account of allowance for doubtful accounts. When a receivable is uncollectible, it is removed from the estimate. Subsequent recoveries of amounts previously written off become claims against the estimate. Changes in the carrying amount of the allowance account are recognized in the Consolidated Statement of Profit.

When non-current assets and disposal groups are classified as held for sale, they are required to be measured at the lower of their carrying amount and fair value less costs to sell. The comparison of carrying amount and fair value less costs to sell is carried out at each reporting date while it continues to meet the held for sale criteria. As described in Note 12, an impairment loss has been recognized related to TDM in the Consolidated Statements of Profit.

Fair value is an estimate of the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Accordingly, a gain or loss could arise once an actual sale is completed.

2.22.6. Derecognition of financial assets

The Company derecognizes a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If the Company neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Company recognizes its retained interest in the asset and an associated liability for amounts it may have to pay. If the Company retains substantially all the risks and rewards of ownership of a transferred financial asset, the Company continues to recognize the financial asset and also recognizes a collateralized borrowing for the proceeds received.

If a financial asset is derecognized, the difference between the book value of the asset and the compensation received is recognized in the Consolidated Statements of Profit.

2.23. Financial liabilities and equity instruments

2.23.1. Classification as debt or equity

Debt and equity instruments issued by the Company are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

2.23.2. Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the Company are recognized at the proceeds received, net of direct issue costs.

Repurchase of the Company's own equity instruments is recognized and deducted directly in equity. No gain or loss is recognized in profit on the purchase, sale, issue or cancellation of the Company's own equity instruments.

2.23.3. Financial liabilities

Financial liabilities are classified as either financial liabilities at FVTPL or other financial liabilities.

2.23.3.1. Financial liabilities at FVTPL

Financial liabilities are classified as at FVTPL when the financial liability is either held for trading or it is designated as at FVTPL.

A financial liability is classified as held for trading if:

- It has been acquired mainly for the purpose of repurchasing it in the near term; or
- It is part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent pattern of making profits in the short term; or
- It is a derivative that is not designated and effective as a hedging instrument.

A financial liability other than a financial liability held for trading may be designated as at FVTPL upon initial recognition if, certain conditions are met. The Company has not designated any financial liabilities as at FVTPL.

Financial liabilities at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporates any interest paid on the financial liability and is included in the 'other gains and losses' line item in the Consolidated Statements of Profit. Fair value is determined as described in Note 24.

2.23.3.2. Other financial liabilities

Other financial liabilities (including borrowings, due to unconsolidated affiliates, trade payables and customers deposits) are subsequently measured at amortized cost using the effective interest method.

2.23.3.3. Derecognition of financial liabilities

The Company derecognizes financial liabilities when, and only when, the Company's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit.

2.24. Derivative financial instruments

The Company enters into derivative financial instruments to reduce its exposure to risks. These instruments are negotiated with institutions of recognized financial strength and when trading limits have been established for each institution. The Company's policy is to carry out transactions with derivative financial instruments for the purpose of offsetting its exposure to such risks through risk management. Further details of derivative financial instruments are disclosed in Note 24.

The Company recognizes all assets or liabilities that arise from transactions with derivative financial instruments at fair value on the Consolidated Statements of Financial Position, regardless of its intent for holding them.

Derivatives are initially recognized at fair value at the date the derivative contracts are entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss in the same line as the hedged item affects profit or loss for derivatives that are economic hedges.

2.24.1. Embedded derivatives

Derivatives embedded in non-derivative host contracts are treated as separate derivatives when their risks and characteristics are not closely related to those of the host contracts and the host contracts are not measured at FVTPL.

2.24.2. Own use exemption

Contracts that are entered into and continue to be held for the purpose of the receipt or delivery of a non-financial item in accordance with the Company's expected purchase, sale or usage requirements fall within the "own use" (or "normal purchase or sale") exemption. Under this scope exemption, ordinary physical supply arrangements are excluded from derivative accounting treatment.

2.25. Hedge accounting

The Company designates certain hedging instruments, which include derivatives, embedded derivatives and non-derivative with respect to foreign currency risk, either as fair value hedges, cash flow hedges, or hedges of a net investment in a transaction foreign. The hedge of the foreign currency risk of a firm commitment is accounted for as a cash flow hedge.

For its hedging instruments, the Company documents the relationship between the hedging instrument and the hedged item at the inception of the hedge relationship, along with its risk management objectives and its strategy for undertaking various hedge transactions. Furthermore, at the inception of the hedge and on an ongoing basis, the Company documents whether the hedging instrument is highly effective in offsetting changes in fair values or cash flows of the hedged item attributable to the hedged risk.

2.25.1. Cash flow hedges

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges is recognized in OCI and accumulated under the heading of cash flow hedging reserve. The gain or loss relating to the ineffective portion is recognized immediately in profit.

Amounts previously recognized in OCI and accumulated in equity are reclassified to profit in the years when the hedged item is recognized in profit, in the same line of the Consolidated Statements of Profit as the recognized hedged item. However, when the hedged forecast transaction results in the recognition of a non-financial asset or a non-financial liability, the gains and losses previously recognized in OCI and accumulated in equity are transferred from equity and included in the initial measurement of the cost of the non-financial asset or non-financial liability.

Hedge accounting is discontinued when the Company revokes the hedging relationship, when the hedging instrument expires or is sold, terminated, or exercised, or when it no longer qualifies for hedge accounting.

Any gain or loss recognized in OCI and accumulated in equity at that time remains in equity and is recognized when the forecast transaction is ultimately recognized in profit. When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognized immediately in profit.

2.25.2. Fair value hedges

Changes in the fair value of derivatives that are designated and qualify as fair value hedges are recognized in profit immediately, together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk. The change in the fair value of the hedging instrument and the change in the hedged item attributable to the hedged risk are recognized in the line of the profit or loss consolidated statements of related to the hedged item.

Hedge accounting is discontinued when the Company revokes the hedging relationship, when the hedging instrument expires or is sold, terminated, or exercised, or when it no longer qualifies for hedge accounting. The fair value adjustment to the carrying amount of the hedged item arising from the hedged risk is amortized to profit or loss from that date.

2.26. Taxation

Income Tax expense represents the sum of the current and deferred tax.

2.26.1. Current tax

Current income tax is recognized in the results of the year in which it is incurred.

2.26.2. Deferred taxes

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the Consolidated Financial Statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred tax assets are generally recognized for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such deferred tax assets and liabilities are not recognized if the temporary difference arises from the initial recognition (other than in a business combination) of assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit. In addition, deferred tax liabilities are not recognized if the temporary difference arises from the initial recognition of goodwill.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates, and interests in joint ventures, except where the Company is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent that it is probable that there will be sufficient taxable profits against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting year.

The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Company expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

2.26.3 Current and deferred tax for the year

Current and deferred tax are recognized in profit or loss, except when they relate to items that are recognized in OCI or directly in equity, in which case, the current and deferred tax are also recognized in OCI or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

2.26.4 Tax on assets

The assets tax ("IMPAC") expected to be recoverable is recorded as a tax credit and is presented in the balance sheet in the deferred taxes line item.

2.27. Revenue recognition

Revenue is measured at the fair value of the consideration received or receivable. Revenue is reduced for estimated customer returns, rebates and other similar allowances.

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Company and the revenue can be measured reliably. Revenue includes amounts receivable for goods and services provided in the normal course of business, net of discounts, rebates; VAT.

2.27.1. Sale of goods

Revenue from the sale of goods is recognized when the goods are delivered and titles have passed, at which time all the following conditions are satisfied:

- The Company has transferred to the buyer the significant risks and rights of ownership of the goods;
- The Company retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold;
- The amount of revenue can be measured reliably;
- It is probable that the economic benefits associated with the transaction will flow to the Company; and,
- The costs incurred or to be incurred in respect of the transaction can be reliably measured.

The following revenue streams related to the sale of goods are recognized in accordance with the previous accounting policy as disclosed in more detail below:

- Sales of natural gas and the related costs are recognized upon the transfer of title, which coincides with the physical delivery of natural gas to customers; and,
- Power generation revenues are recognized when generated power is delivered.

2.27.2. Rendering of services

Revenue from service contracts to provide services is recognized by reference to the stage of completion of the contract. The stage of completion of the contract is determined as follows:

- Service fees included in the price of the products sold are recognized by reference to the proportion of the total cost of the service provided for the product sold; and,
- Revenue from contracts is recognized based on the rates provided to the extent incurred in working hours and direct costs.

The following revenue streams related to the rendering of services are recognized in accordance with the previous accounting policy as disclosed in more detail below:

- Storage and regasification capacity are recognized based on reservation and usage fees under terminal capacity agreements and nitrogen injection service agreements;

- Revenues and related costs and expenses from gas distribution and transportation are recognized when the distribution or transportation services are rendered;
- Revenues also include net realized gains and losses and the net change in the fair value of unrealized gains and losses on derivative contracts for natural gas; and,
- Revenues and costs related to administrative and other services are recognized when such services are rendered according to the related service contracts.

2.27.3. Interest income

Interest income from a financial asset is recognized when it is probable that the economic benefits will flow to the Company and the amount of income can be measured reliably. Interest income is accrued on a timely basis, by reference to the principal outstanding and at the effective interest rate applicable, which is the rate that exactly discounts estimated future cash receipts through the expected life of the financial asset to that asset's net carrying amount on initial recognition.

2.27.4. Rental income

The Company's policy for recognition of revenue from finance leases is described in Note 2.9.1.

2.28. Foreign currencies

The Company's functional currency is the U.S. Dollar, except for ECO, PEI and SDGN in its Gas segment, and Fundacion IEnova in the corporate segment, which is the Mexican Peso.

In preparing the Consolidated Financial Statements of each individual subsidiary of the Company, transactions in currencies other than the subsidiaries functional currency (U.S. Dollar or Mexican Peso) are recognized at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are translated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are translated at the rates prevailing at the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not translated.

Exchange differences on monetary items are recognized in profit or loss in the period in which they arise except for:

- Exchange differences on foreign currency borrowings relating to assets under construction for future productive use, which are included in the cost of those assets when they are regarded as an adjustment to interest costs on those foreign currency borrowings;
- Exchange differences on monetary items receivable from or payable to a foreign operation for which settlement is neither planned nor likely to occur (therefore forming part of the net investment in the foreign operation), which are recognized initially in OCI and reclassified from equity to profit on repayment of the monetary items.

For the purposes of presenting Consolidated Financial Statements, the assets and liabilities of the Company's subsidiaries with Mexican peso functional currency are translated into U.S. Dollars (the Company's reporting currency) using exchange rates prevailing at the end of each reporting period. Profit amounts are translated at the rate of the transaction date, unless there are significant currency fluctuations during the period, in which case the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognized in other items of comprehensive income and accumulated in equity.

On the disposal of an operation with a Mexican Peso functional currency all of the exchange differences accumulated in equity related to the disposed operation that are attributable to the owners of the Company are reclassified to profit.

Critical accounting judgments and key sources of estimation uncertainty

In the application of the Company's accounting policies, the management of the Company required to make judgments, estimates and assumptions about the carrying amounts of assets and liabilities in the Consolidated Financial Statements. The estimates and assumptions are based on historical experience and other factors considered relevant. Actual results could differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both the current and future periods.

3.1. Critical judgments in applying accounting policies

The following are the critical judgments, apart from those involving estimations (see Note 3.2 below), that Company's management has made in the process of applying the Company's accounting policies and that have the most significant effect on the amounts recognized in the Consolidated Financial Statements.

3.1.1. Finance leases

Management has determined that certain arrangements should be accounted for as a finance lease as the present value of the minimum lease payments at inception date of the arrangement amounted to substantially all of the fair value of the compression station as of such date. Details of the finance lease asset are included in Note 8.

3.1.2. Regulatory accounting

Rate regulation is the setting, by regulatory bodies or governments of prices that can be charged to customers for services or products through regulations, often where a company has a monopoly or dominant market position that gives it significant market power.

As of December 31, 2017, 2016 and 2015, there is no explicit guidance under IFRS regarding whether entities operating in rate-regulated environments should recognize assets and liabilities arising from the effects of rate regulation. Generally Accepted Accounting Principles in the U.S. ("U.S. GAAP") provide specific guidance on this matter.

The IFRS Interpretations Committee ("IFRIC") has previously commented that the U.S. GAAP recognition criteria pertaining to rate-regulated accounting are not consistent with IFRS. The IASB, issued IFRS 14, *Regulatory deferral accounts* on January 30, 2014, as a part of its project on this matter, however, such standard is not applicable to the Company as it is not a first-time adopter of IFRS. As a result, the Company does not recognize rate-regulated assets or liabilities in its Consolidated Financial Statements. Management will continue to monitor the status of future deliberations by the IASB and IFRIC as it relates to this matter and its potential impact on the Company's Consolidated Financial Statements.

3.1.3. Contingencies

The Company accrues losses for the estimated impacts of various matters, situations or circumstances involving uncertain outcomes. For loss contingencies, the Company accrues for the loss if an event has occurred on or before the date of the Consolidated Statements of Financial Position. The Company does not accrue contingencies that might result in gains. The Company continuously assesses contingencies for litigation claims, environmental remediation and other events.

3.1.4. Own use exemption

IAS 39 contains a scope exemption from derivative accounting treatment for physical delivery contracts of a non-financial item for an entity's own use. The scope exemption is meant to apply to ordinary physical supply arrangements. However, the standard also seeks to identify contracts which are not used for operational purposes as derivative instruments. If a non-financial item can be settled net either in cash or another financial instrument, or by exchange of financial instruments, it must be accounted for as a financial instrument.

There are various ways in which a contract can be settled net. Management applies judgment in assessing whether, among others, past practices of net settling similar contracts or of taking delivery and selling the item within a short period, or, the commodity is readily convertible to cash, would lead to net settlement.

Management analyzes each of its physical delivery contracts of nonfinancial items for determining if they are within the own use exemption from derivative accounting treatment.

3.1.5. Determining whether an arrangement contains a lease

The Company evaluates if an arrangement that does not take the legal form of a lease but conveys a right to use an asset in return for a series of payments should be accounted for as a lease. The Company's management uses its judgment to determine, whether, based on facts and circumstances existing at the inception of the contract, it is remote that parties other than the purchaser will take more than an insignificant amount of the output of the related asset.

3.1.6. Classification of its joint arrangements

Interests in associates and the joint ventures are accounted for using the equity method. They are initially recognized at cost, which includes transaction costs. Subsequent to initial recognition, the Consolidated Financial Statements include the Group's share of the profits and OCI of equity-accounted investees, until the date on which significant influence or joint control ceases.

3.2. Key sources of estimation uncertainty

The following are the key assumptions concerning the future and other key sources of estimation uncertainty at the end of the reporting period that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities presented in the Company's Consolidated Statements of Financial Position.

3.2.1. Estimated useful lives of property, plant and equipment

As described in Note 2.14., the Company reviews the estimated useful lives of property, plant and equipment at the end of each reporting period. Please refer to Note 14.1. for useful lives of property, plant and equipment.

3.2.2. Impairment of long-lived assets (goodwill)

Determining whether goodwill is impaired requires an estimation of the value in use of the cash-generating units to which goodwill has been allocated. The value in use calculation requires the directors to estimate the future cash flows expected to arise from the cash-generating unit and a suitable discount rate in order to calculate present value. Where the actual future cash flows are less than expected, a material impairment loss may arise. Impairment testing is performed on an annual basis.

3.2.3. Asset decommissioning obligation

The estimated cost of decommissioning at the end of the useful lives of the Company's long-lived assets is reviewed periodically and is based on estimates at the date of the Consolidated Statements of Financial Position of the present value of future costs expected to be incurred when assets are retired from service as required by law or per its contractual obligations. The payment dates of total expected future decommissioning costs are uncertain and dependent on the lives of the long-lived assets, but are currently anticipated to be between 25 to 50 years. The Company uses its long-term "borrowing cost" rate as the discount rate for calculating its provision related to its decommissioning liabilities, which is the 30-year borrowing cost for companies in its industry with similar credit ratings, as measured by Bloomberg.

3.2.4. Valuation of financial instruments (fair value measurement)

The Company uses valuation techniques that include inputs that are based on observable market data to estimate the fair value of certain types of financial instruments. Please refer to Note 24. for detailed information about the key assumptions used in the determination of the fair value of financial instruments.

The Company believes that the chosen valuation techniques and assumptions used are appropriate in determining the fair value of financial instruments.

3.2.5. Allowance for doubtful accounts

The methodology for determining the allowance for doubtful accounts on trade and other receivables is set out in Note 5. The estimates and assumptions used to determine the allowance are reviewed periodically. Although the provisions recognized are considered appropriate, changes in economic conditions could lead to changes in the allowance and, therefore, impact profit.

3.2.6. Recoverability of deferred tax assets

As mentioned in Note 25., the Company has accumulated tax loss carryforward benefits, for which an evaluation of recoverability is performed on an annual basis.

The use of estimates and assumptions are particularly important in the recognition of deferred income tax assets.

3.2.7. Measurement of defined benefit obligations: key actuarial assumptions

As described in Note 17., the Company uses actuarial valuations that include inputs that are based on published statistic and mortality tables. The Company believes that the chosen valuation techniques and assumptions used are appropriate in determining the benefit obligations.

3.2.8. Key sources of estimation uncertainty for IEnova Pipelines

Selected Valuation Methodology.

IEnova Pipelines is a regulated business that will earn a return of its costs and a reasonable return on its invested capital, without other consideration; the value of the assets of a regulated business is the value of its invested capital. Under this premise, the FV of the fixed assets of regulated businesses is equivalent to carrying value for financial reporting purposes, as carrying value reflects the basis for which invested capital is derived, and for which a regulated business is allowed to earn a reasonable return.

The Company concluded that the carrying value of the fixed assets is deemed to be representative of FV for IFRS purposes.

3.2.9. Key sources of estimation uncertainty for Ventika

Selected Valuation Methodology.

Based on the nature of the power facility and generally accepted industry practice, the Company relied on the Income Approach, specifically the Discounted Cash Flow ("DCF") method.

Associated intangibles such as rights of way / easements are embedded in the value of the property plant and equipment.

While the Cost Approach was not relied upon to derive the fair value estimate, provided the Income Approach being the preferred approach to valuing an operational wind power facility, it was considered for corroboratory purposes in relation to the fair value estimate derived utilizing the Income Approach. It is noted that the derived fair value estimate embeds a developer margin (i.e., margin above the cost to develop/construct the power project) that is within the reasonable range of developer margins expected for this type of power facility and at the stage of development associated with Ventika (i.e., recently entering commercial operation).

In addition to what is described above, the Company used different estimates relating to operating statistics, revenues, operating expenses and cash flow items.

4. Cash and cash equivalents

For purposes of the Consolidated Statements of Cash Flows, cash and cash equivalents include cash, banks and investments in instruments in the money market funds, net of bank overdrafts.

Cash and cash equivalents at end of year as shown in the Consolidated Cash Flow Statement can be reconciled to the related items in the Consolidated Statement of Financial Position as follows:

	12/31/17	As of 12/31/16	12/31/15
Cash and bank balances	\$ 37,208	\$ 24,918	\$ 32,177
Short-term investments classified as cash equivalents	—	—	8,200
	<u>\$ 37,208</u>	<u>\$ 24,918</u>	<u>\$ 40,377</u>

As of December 31, 2017 and 2016, the Company maintained \$55.8 million and \$51.4 million of restricted cash, respectively, as a current asset to make payments of certain operating costs for the execution of projects.

5. Trade and other receivables, net

	12/31/17	As of 12/31/16	12/31/15
Trade receivables	\$ 93,299	\$ 90,523	\$ 32,895
Allowance for doubtful accounts (a)	<u>(41)</u>	<u>(101)</u>	<u>(147)</u>
	93,258	90,422	32,748
Other receivables	<u>1,535</u>	<u>10,464</u>	<u>20,980</u>
	<u>\$ 94,793</u>	<u>\$ 100,886</u>	<u>\$ 53,728</u>

- (a) For the Gas segment, ECO, has recognized an allowance for doubtful accounts of 80 percent against all receivables outstanding between 180 and 269 days and 100 percent against all receivables outstanding over 270 days, based on historical experience. Allowances for doubtful accounts are recognized against trade receivables for customers whose outstanding balances are outstanding between 30 and 179 days when such receivables are estimated not to be recoverable based on an analysis of the customers' financial position.

For all the other companies within the Gas segment and for the Power segment, the average credit period on trade receivables is 30 days.

Trade receivables disclosed above include amounts (see below for aging analysis) that are past due at the end of the reporting year for which the Company has not recognized an allowance for doubtful debts because the amounts are still considered recoverable.

5.1. Age of receivables that are past due but not impaired

	12/31/17	As of 12/31/16	12/31/15
31-120 days	\$ 61	\$ 35	\$ 12
121-180 days	21	7	5
181-270 days	<u>5</u>	<u>3</u>	<u>2</u>
Total	<u>\$ 87</u>	<u>\$ 45</u>	<u>\$ 19</u>
Average age (days)	<u>29</u>	<u>30</u>	<u>29</u>

5.2. Movement in the allowance for doubtful accounts

	12/31/17	As of 12/31/16	12/31/15
Balance as of beginning of the year	\$ (101)	\$ (147)	\$ (194)
Impairment losses recognized on receivables	(90)	(46)	(30)
Amounts written off during the year as uncollectible	152	65	48
Foreign exchange translation (loss) gains	<u>(2)</u>	<u>27</u>	<u>29</u>
Balance as of end of the year	<u>\$ (41)</u>	<u>\$ (101)</u>	<u>\$ (147)</u>

In determining the recoverability of a trade receivable, the Company considers any change in the credit quality of the trade receivable from the date credit was initially granted up to the end of the reporting period. See Note 24.9. for more details of the Company's credit risk management and concentration of credit risk assessment.

5.3. Age of impaired trade receivables

	12/31/17	As of 12/31/16	12/31/15
181-270 days	\$ (20)	\$ (10)	\$ (9)
Over 270 days	<u>(21)</u>	<u>(91)</u>	<u>(138)</u>
Total	<u>\$ (41)</u>	<u>\$ (101)</u>	<u>\$ (147)</u>

6. Transaction and balances with unconsolidated affiliates

Transactions and balances between IEnova and its subsidiaries have been eliminated upon consolidation and are not disclosed in this note, except for those transactions between continued and discontinued operations.

Transactions between continued and discontinued operations are not eliminated in consolidation. Any profit made from sales to external parties by the discontinued operations are presented outside continuing operations.

Accordingly, the Consolidated Statements of Profit present revenues from continuing operations as follows:

	Revenues / Cost of revenues		
	12/31/17	Year ended 12/31/16	12/31/15
Effects of continuing operation with GAP and IEnova Marketing	\$ 73,256	\$ 61,382	\$ 84,838

6.1. Transactions and balances with unconsolidated affiliates

During the years ended December 31, 2017, 2016 and 2015, the Company entered into the following transactions with unconsolidated affiliates as part of ongoing operations:

	Revenues		
	12/31/17	Year ended 12/31/16	12/31/15
Discontinued operation – Sempra Gas & Power Marketing, LLC ("SG&PM")	\$ 130,192	\$ 62	\$ —
Sempra LNG International Holdings, LLC ("SLNGIH")	103,043	101,998	51,683
SG&PM	10,722	—	—
DEN	6,761	—	—
Sempra International, LLC ("Sempra International")	1,844	1,746	1,711
TAG	1,766	—	—
Servicios ESJ, S. de R. L. de C. V. ("SESJ")	1,072	890	98
Southern California Gas Company ("SoCalGas")	231	12	—
Sempra LNG ECA Liquefaction, LLC ("SLNGEL")	217	2,026	1,676
Discontinued operation – SGEN	—	101,130	143,073
Discontinued operation – SESJ	—	353	428
ESJ	—	94	—
SLNGI	—	—	49,138

Cost of revenue, administrative and other expenses

	Year ended		
	12/31/17	12/31/16	12/31/15
SLNGI	\$ 207,505	\$ 178,145	\$ 190,519
SG&PM	63,719	3,102	—
Discontinued operation – SG&PM	24,425	1,022	—
Sempra International	7,250	8,301	5,822
Sempra Infrastructure, LLC. (formerly Sempra U.S. Gas & Power, LLC "USGP")	6,936	6,930	6,709
SoCalGas	1,258	1,450	1,031
Sempra Midstream, Inc. ("Sempra Midstream")	492	688	746
Discontinued operations – SGEN	—	22,152	27,634
SGEN	—	3,183	4,380
Sempra Services Company, S. de R. L. de C. V. ("Sempra Services Company")*	—	—	128

* On December 15, 2015, this company was liquidated.

Included in the operational transactions are administrative services from affiliates by \$7.3 million, \$8.3 million and \$5.9 million for the years ended December 31, 2017, 2016 and 2015, respectively, which were collected and paid, and have been properly distributed to the segments incurring those costs.

	Interest income		
	12/31/17	Year ended 12/31/16	12/31/15
IMG	\$ 17,211	\$ —	\$ —
DEN	3,665	4,082	4,638
ESJ	775	1,122	1,450
Discontinued operations - SGEN	180	24	11
Sempra Servicios Mexico *	—	—	2

* On December 2015, this company was liquidated.

	Finance costs		
	12/31/17	Year ended 12/31/16	12/31/15
ISL	\$ 3,491	\$ 534	\$ 485
Sempra Oil Trading Suisse ("SOT Suisse")	1,265	1,363	1,448
ISLA	1,174	1,618	1,455
POC	944	4	—
SEH	937	1,236	47
Discontinued operations - SEG (i)	332	831	—
DEN	143	46	—
TAG	50	—	—
Semco (ii)	—	364	—

- i. On September 26, 2016, IEnova entered into a \$800.0 million of U.S. Dollar-denominated loan with SEG, to finance IEnova Pipelines acquisition. The agreement was for two-month term. Interest is payable on a monthly basis at LIBOR plus 110 Basis Points ("BPS") of outstanding balances. In October 2016, with the proceeds from the Global Offering, the Company repaid this loan including the corresponding interests.
- ii. On September 26, 2016, IEnova entered into a \$350.0 million of loan with Semco, to finance IEnova Pipelines acquisition. The agreement was for two-month term. Interest was payable on a monthly basis at LIBOR plus 110 BPS of outstanding balances.

The following balances were outstanding at the end of the reporting period:

	Amounts due from unconsolidated affiliates		
	12/31/17	As of 12/31/16	12/31/15
SG&PM	\$ 10,723	\$ —	\$ —
SLNGIH	9,162	6,456	9,685
TAG	4,289	—	—
SESJ	371	174	138
SLNGEL	34	53	668
SoCalGas	21	—	—
DEN	—	5,754	—
ESJ	—	539	51
SGEN *	—	—	17,066
	<u>\$ 24,600</u>	<u>\$ 12,976</u>	<u>\$ 27,608</u>

* As of March 31, 2016, the amount was reclassified to assets held for sale.

	Amounts due to unconsolidated affiliates		
	12/31/17	As of 12/31/16	12/31/15
ISL (iii)	\$ 275,188	\$ 30,025	\$ 30,000
SEH (iv)	132,800	—	219,600
POC (v)	102,020	20,004	—
SG&PM	17,525	491	—
SLNGI	16,360	11,135	12,220
Sempra International	226	582	470
SoCalGas	98	120	—
ISLA (iii)	—	160,091	90,000
SOT Suisse (vi)	—	38,460	—
Sempra Midstream	—	6	—
SGEN	—	—	360
	<u>\$ 544,217</u>	<u>\$ 260,914</u>	<u>\$ 352,650</u>

- iii. On March 2, 2015, IEnova entered into a \$90.0 million and a \$30.0 million U.S. Dollar-denominated credit facilities with ISLA and ISL, respectively, to finance working capital and for general corporate purposes. The agreements are nine-month term, with an option to be extended for up to four years. Interest is payable on a quarterly basis a rate of 1.98 percent per annum of outstanding balances.

In December 2016, the Company signed addendums modifying the initial contracts and the new characteristics are: the term was extended and was due and payable in full on December 15, 2017. The applicable interest shall be computed and paid on a quarterly basis at the rate of 1.75 percent per annum.

On December 27, 2016, IEnova entered into a \$70.0 million U.S. Dollar-denominated affiliate revolving credit facility with ISLA, to finance working capital and for general corporate purposes. The credit facility has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at a rate of 1.75 percent per annum. Interest shall be paid on the last day of each calendar quarter.

On March 21, 2017, IEnova entered into an \$85.0 million U.S. Dollar-denominated affiliate credit facility with ISL, to finance working capital and for general corporate purposes. The credit is a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 60 BPS per annum. Interest shall be paid on the last day of each calendar quarter.

Effective June 1, 2017, ISLA was merged with and into ISL which is the surviving entity in the merger, the agreements conditions between ISL and IEnova remain the same.

On December 15, 2017, the Company signed addendums modifying the contracts terms over the \$90.0 million, \$30.0 million and \$70.0 million U.S. Dollar-denominated credit facilities with ISL and the new conditions are: the term was extended and are due and payable in full on December 15, 2018, the interest rate applicable shall be computed on a calendar quarter basis at three-month LIBOR plus 63 BPS per annum. Interest shall be paid on the last day of each calendar quarter.

- iv. On December 22, 2015, IEnova entered into a \$219.6 million U.S. Dollar-denominated credit facility with SEH, to finance working capital and for general corporate purposes. The term of the agreement is for twelve months. Interest is payable on a quarterly basis at three-month LIBOR plus 0.17 percent of outstanding balances. On August 1, 2016, the Company paid \$120.5 million, which includes the corresponding interest. In October 2016, with the proceeds from the Global Offering, the outstanding balance of \$99.5 million was paid in full by the Company.

On August 23, 2017, IEnova entered into a \$132.8 million U.S. Dollar-denominated affiliate credit facility with SEH, to finance working capital and general corporate purposes. The credit facility is for a six-month term. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 61 BPS per annum.

On February 6, 2018, IEnova signed an addendum modifying the contract term to August 22, 2018.

- v. On December 27, 2016, IEnova entered into a \$20.0 million U.S. Dollar-denominated affiliate revolving credit facility with POC, to finance working capital and general corporate purposes. The credit has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at rate of 1.75 percent per annum.

On April 27, 2017, IEnova entered into a \$19.0 million U.S. Dollar-denominated affiliate revolving credit facility with POC, to finance working capital and general corporate purposes. The credit has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 60 BPS per annum.

On June 26, 2017, IEnova entered into a \$21.0 million U.S. Dollar-denominated affiliate revolving credit facility with POC, to finance working capital and general corporate purposes. The credit has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 70 BPS per annum.

On September 29, 2017, IEnova entered into a \$21.0 million U.S. Dollar-denominated affiliate revolving credit facility with POC, to finance working capital and general corporate purposes. The credit has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 70 BPS per annum.

On December 15, 2017, the Company signed addendum modifying the contract term over the \$20.0 million U.S. Dollar-denominated revolving credit facilities with POC and the new characteristics are: the term was extended and are due and payable in full on December 15, 2018, the interest rate applicable shall be computed on a calendar quarter basis at three-month LIBOR plus 63 BPS per annum. Interest shall be paid on the last day of each calendar quarter.

On December 28, 2017, IEnova entered into a \$21.0 million U.S. Dollar-denominated affiliate revolving credit facility with POC, to finance working capital and general corporate purposes. The credit has a twelve-month term, with an option to extend it for up to four years. Interest of the outstanding balance is payable on a quarterly basis at three-month LIBOR plus 63 BPS per annum.

- vi. During 2017, 2016 and 2015 related to the loan with SOT Suisse, the Company paid interest in the amount of \$1.3 million, \$1.4 million and \$1.4 million, respectively. The loan matures in March 2017 and bear variable interest based on U. S. Treasury mid-term applicable federal rate plus 200 BPS (an average annual rate of 3.29 percent, 3.58 percent and 3.64 percent in 2017, 2016 and 2015, respectively).

Transactions with unconsolidated affiliates during 2017, 2016 and 2015 have been carried out in accordance with applicable transfer pricing requirements, as of December 31, 2017, and as of the date of this report, the nature and amount of transactions are consistent with previous years. The amounts outstanding are unsecured and will be settled in cash. No guarantees have been given or received. No expenses have been recognized in the current or prior periods for bad or doubtful debts regarding the amounts owed by unconsolidated affiliates.

6.2. Loans to unconsolidated affiliates

	12/31/17	As of 12/31/16	12/31/15
IMG (i)	\$ 487,187	\$ —	\$ —
ESJ	6,700	14,307	25,142
DEN	—	90,045	85,963
SGEN*	—	—	661
	<u>\$ 493,887</u>	<u>\$ 104,352</u>	<u>\$ 111,766</u>

* As of March 31, 2016, the amount was reclassified to assets held for sale.

- i. On April 21, 2017, IEnova entered into a loan agreement with IMG, providing a credit line in an amount of up to \$9,042 million Mexican Pesos, the maturity date is March 15, 2022. The applicable interest rate is the Mexican Interbank Interest Rate ("TIE") at 91 days plus 220 BPS capitalized quarterly.

On December 6, 2017, the Company signed an addendum modifying the amount of the loan up to \$14,168 million Mexican Pesos.

As of December 31, 2017, the outstanding balance amounts \$9,615 million Mexican Pesos, including \$283 million Mexican Pesos of capitalized interest.

6.3. Loans from unconsolidated affiliates

	12/31/17	As of 12/31/16	12/31/15
SOT Suisse (i)*	\$ 38,460	\$ —	\$ 38,460
TAG (ii)	35,050	—	—
DEN	—	3,080	—
	<u>\$ 73,510</u>	<u>\$ 3,080</u>	<u>\$ 38,460</u>

* This amount was reclassified in 2016 to current liabilities.

- i. On March 17, 2017, IEnova entered into an amended agreement with SOT Suisse in order to extend the loan to seven years. The interest is payable on an annually basis at three-month LIBOR plus 180 BPS.
- ii. On December 19, 2017, DEN entered into a \$35.0 million U.S. Dollar-denominated affiliate credit facility with TAG, to finance working capital and general business purposes. The credit facility has a four years term. Interest of the outstanding balance is payable on a quarterly basis at six-month LIBOR plus 290 BPS per annum.

6.4. Compensation of key management personnel

Total compensation paid to key management personal was \$10.3 million, \$5.0 million and \$8.8 million, for the years ended December 31, 2017, 2016 and 2015, respectively.

There are no loans granted to the Company's key management personnel.

7. Natural gas inventories

	12/31/17	As of 12/31/16	12/31/15
Liquefied natural gas	\$ 7,196	\$ 6,083	\$ 4,628

The cost of inventories recognized within cost of revenues were \$194.0 million, \$164.4 million and \$190.2 million for the years ended December 31, 2017, 2016 and 2015, respectively.

For the years ended December 31, 2017, 2016 and 2015, no cost of revenue were recognized, due to write-downs of inventory to net realizable value.

8. Finance lease receivables

8.1. Finance lease receivables – Natural Gas Compression Plant

	12/31/17	As of 12/31/16	12/31/15
Current finance lease receivables	\$ 308	\$ 219	\$ 156
Non-current finance lease receivables	13,827	14,135	14,354
	<u>\$ 14,135</u>	<u>\$ 14,354</u>	<u>\$ 14,510</u>

Leasing arrangements.

The Company entered into a finance lease arrangement for one of its compression stations. The lease is denominated in U.S. Dollars. The term of the finance lease is 25 years.

8.1.1. Amounts receivables under finance leases

	Minimum lease payments			Present value of minimum lease payments		
	As of			As of		
	12/31/17	12/31/16	12/31/15	12/31/17	12/31/16	12/31/15
Not later than one year	\$ 5,136	\$ 5,136	\$ 5,137	\$ 308	\$ 219	\$ 156
Later than one year and not later than five years	21,828	22,458	22,458	3,464	3,403	2,422
More than five years	17,975	24,395	29,531	10,363	10,732	11,932
	44,939	51,989	57,126	14,135	14,354	14,510
Less: unearned finance income	(30,804)	(37,635)	(42,616)	n/a	n/a	n/a
Present value of minimum lease payments receivable	\$ 14,135	\$ 14,354	\$ 14,510	\$ 14,135	\$ 14,354	\$ 14,510

No residual values of assets leased under finance lease at the end of the year are estimated.

The interest rate inherent in the finance lease is fixed at the contract date for the entire lease term.

The average effective interest rate contracted is approximately 34.5 percent per annum for 2017, 2016 and 2015. The receivable under finance lease balance as of December 31, 2017, 2016 and 2015, is neither past due nor impaired.

8.2. Finance lease receivables – Los Ramones I Pipeline

	As of	
	12/31/17	12/31/16
Current finance lease receivables	\$ 3,665	\$ 3,383
Non-current finance lease receivables	567,405	571,070
	\$ 571,070	\$ 574,453

Leasing arrangements.

The Company entered into a finance lease arrangement for one of its natural gas pipelines and compression stations. The lease is denominated in U.S. Dollars. The term of the finance lease is 25 years.

8.2.1. Amounts receivables under finance leases

	Minimum lease payments		Present of minimum lease payments	
	As of		As of	
	12/31/17	12/31/16	12/31/17	12/31/16
Not later than one year	\$ 87,104	\$ 87,639	\$ 3,665	\$ 3,384
Later than one year and not later than five years	424,616	428,582	28,108	23,997
More than five years	901,512	984,650	539,297	547,072
	1,413,232	1,500,871	571,070	574,453
Less: unearned finance income	(842,162)	(926,418)	n/a	n/a
Present value of minimum lease payments receivable	\$ 571,070	\$ 574,453	\$ 571,070	\$ 574,453

No residual values of assets leased under finance lease at the end of the reporting year are estimated.

The interest rate inherent in the finance lease is fixed at the contract date for the entire lease term.

The average effective interest rate contracted is approximately 15.2 percent per annum for 2017 and 2016. The receivable under finance lease balance as of December 31, 2017 and 2016 is neither past due nor impaired.

8.3. Finance lease receivables – Ethane Pipeline

	As of	
	12/31/17	12/31/16
Current finance lease receivables	\$ 4,153	\$ 3,553
Non-current finance lease receivables	360,952	365,106
	\$ 365,105	\$ 368,659

Leasing arrangements.

The Company entered into a finance lease arrangement for its ethane pipeline. The lease is denominated in U.S. Dollars.

The transportation system refers to:

Segment I. Transports ethane from Ethylene Complex XXI Braskem-IDESIA to Cangrejera (Veracruz), through a 20-inch and 4 km length pipeline. The term of the finance lease is 20.5 years.

Segment II. Transports ethane from Nuevo Pemex (Tabasco) to Cactus (Chiapas) through a 16-inch and 15 km length pipeline and from Cactus to the Ethylene XXI Complex Braskem-IDESIA through a 24-inch and 133.5 km length pipeline. The term of the finance lease is 20.5 years.

Segment III. Transports liquid ethane from Ciudad Pemex to Nuevo Pemex (Tabasco) through a 20-inch and 73.5 km length pipeline. The term of the finance lease is 21 years. The breakdown as of December 31, 2017 of this finance lease is as follows.

	Amount
Segment I	\$ 31,631
Segment II	186,030
Segment III	147,444
Total	\$ 365,105

8.3.1. Amounts receivables under finance leases

	Minimum lease payments		Present of minimum lease payments	
	As of		As of	
	12/31/17	12/31/16	12/31/17	12/31/16
Not later than one year	\$ 55,393	\$ 55,976	\$ 4,153	\$ 3,553
Later than one year and not later than five years	264,235	268,951	33,512	28,779
More than five years	388,982	439,651	327,440	336,327
	708,610	764,578	365,105	368,659
Less: unearned finance income	(343,505)	(395,919)	n/a	n/a
Present value of minimum lease payments receivable	<u>\$ 365,105</u>	<u>\$ 368,659</u>	<u>\$ 365,105</u>	<u>\$ 368,659</u>

No residual values of assets leased under finance lease at the end of the reporting year are estimated.

The average effective interest rate contracted is approximately 16 percent for segment I and 14 percent for segments II and III as of December 31, 2017 and 2016.

The receivable under finance lease balance as of December 31, 2017 and 2016, is neither past due nor impaired.

9. Other assets

	12/31/17	As of 12/31/16	12/31/15
Veracruz marine terminal initial bidding quota (Refer to Note 1.2.10.e.)	\$ 28,180	\$ —	\$ —
Prepayments	9,620	9,495	5,782
Pipeline interconnection rights	1,637	1,792	1,938
IMPAC recoverable	1,455	1,698	2,450
Natural gas imbalance	974	320	243
Pipeline integrity system	593	—	—
Prepaid land leases	526	839	101
	<u>\$ 42,985</u>	<u>\$ 14,144</u>	<u>\$ 10,514</u>
Current	\$ 10,327	\$ 9,289	\$ 8,576
Non-current	32,658	4,855	1,938
	<u>\$ 42,985</u>	<u>\$ 14,144</u>	<u>\$ 10,514</u>

10. Investment in joint ventures

10.1. IEnova Pipelines

Until September 26, 2016, the Company owned a 50 percent interest in IEnova Pipelines, a joint venture with Pemex TRI a Pemex subsidiary (Please refer to Note 11.1.). IEnova Pipelines operates three natural gas pipelines, five natural gas compression stations, one LPG system and one ethane pipeline, in the states of Chiapas, Chihuahua, Nuevo Leon, Tabasco, Tamaulipas and Veracruz and one LPG storage facility in the state of Jalisco, Mexico.

Beginning September 27, 2016, the Company fully consolidates IEnova Pipelines.

IEnova Pipelines Condensed Consolidated Financial Statements and the Company's equity method investment are summarized as follows:

	As of 12/31/15
Cash and cash equivalents	\$ 22,080
Short-term investments	10,780
Other assets	55,383
Current assets	<u>88,243</u>
Finance lease receivables	952,201
Property, plant and equipment, net	320,079
Investments in joint ventures	131,338
Other assets	1,727
Deferred income tax asset	12,314
Non-current assets	<u>1,417,659</u>
Total assets	<u>\$ 1,505,902</u>
Current liabilities	\$ 133,730
Non-current liabilities	662,307
Total liabilities	<u>796,037</u>
Total members' equity	<u>\$ 709,865</u>
Share of members' equity	\$ 354,933
Goodwill	64,943
Carrying amount of investment in IEnova Pipelines	<u>\$ 419,876</u>

IEnova Pipelines Condensed Consolidated Statements of Profit is as follows:

	Period ended 09/26/16	Year ended 12/31/15
Revenues	\$ 199,996	\$ 249,424
Operating, administrative and other expenses	(60,174)	(66,539)
Finance costs	(20,989)	(28,673)
Income tax expense	(53,409)	(64,307)
Share of profit (loss) of joint venture, net of income tax	15,417	(6,936)
Profit for the period / year	<u>\$ 80,841</u>	<u>\$ 82,969</u>
Share of profit of IEnova Pipelines	<u>\$ 40,421</u>	<u>\$ 41,485</u>

10.2 ESJ

ESJ, the joint venture formed between IEnova and InterGen, N. V. ("InterGen"), started operations in June 2015.

As of December 31, 2017, 2016 and 2015, the Company's remaining 50 percent interest in ESJ is accounted for under the equity method. ESJ Condensed Consolidated Statements of Financial Position and the Company's equity method investment are summarized as follows:

	12/31/17	As of 12/31/16	12/31/15
Cash and cash equivalents	\$ 2,785	\$ 9,601	\$ 12,930
Other assets	18,479	15,201	21,937
Current assets	21,264	24,802	34,867
Deferred income tax assets	4,778	5,413	6,534
Other assets	2,795	2,650	12,347
Property, plant and equipment, net	252,856	264,468	276,352
Non-current assets	260,429	272,531	295,233
Total assets	\$ 281,693	\$ 297,333	\$ 330,100
Current liabilities	\$ 17,509	\$ 17,777	\$ 7,248
Non-current liabilities	231,048	255,070	306,635
Total liabilities	\$ 248,557	\$ 272,847	\$ 313,883
Total members' equity	\$ 33,136	\$ 24,486	\$ 16,217
Share of members' equity	\$ 16,568	\$ 12,243	\$ 8,108
Goodwill	12,121	12,121	12,121
Carrying amount of investment in ESJ	\$ 28,689	\$ 24,364	\$ 20,229

ESJ's Condensed Consolidated Statements of Profit is as follows:

	12/31/17	Year ended 12/31/16	12/31/15
Revenues	\$ 46,570	\$ 44,283	\$ 29,227
Operating, administrative and other expenses	(22,147)	(20,773)	(13,491)
Finance costs	(15,929)	(16,731)	(9,426)
Other gains, net	13	221	—
Income tax expenses	(1,340)	(1,886)	(4,642)
Profit for the year	\$ 7,167	\$ 5,114	\$ 1,668
Share of profit of ESJ	\$ 3,584	\$ 2,557	\$ 834

- a) *Project financing for the ESJ project.* On June 12, 2014, ESJ entered into a \$239.8 million project finance loan for the construction of the wind project with five banks: Mizuho as coordinating lead arranger, the North American Development Bank ("NADB") as technical and modeling bank, Nacional Financiera, S. N. C. Institucion de Banca de Desarrollo ("NAFINSA"), NORD/LB and SMBC as lenders.

On June 30, 2015, ESJ converted the construction loans into 18-year term loans. The credit facilities mature on June 30, 2033, with payments due on a semi-annual basis (each June 30 and December 30 until the final maturity date), starting on December 30, 2015. The credit facilities bear interest at LIBOR plus the applicable margin.

Years	LIBOR applicable margin
June 2015 – June 2019	2.375%
June 2019 – June 2023	2.625%
June 2023 – June 2027	2.875%
June 2027 – June 2031	3.125%
June 2031 – June 2033	3.375%

As per the financing agreement, the ability to make withdrawals ended on the term conversion date June 30, 2015. ESJ made total accumulated withdrawals from the credit facility in the amount of \$239.8 million. The debt outstanding is \$216.9 million and the breakdown is as follows:

	Debt balance
MIZUHO	\$ 48,685
SMBC	48,685
NORD/LB	48,685
NAFINSA	35,407
NADB	35,407
	<u>\$ 216,869</u>

- b) *Interest rate swaps.* To partially mitigate its exposure to interest rate changes associated with the term loan, ESJ entered into floating-to-fixed interest rate swaps for 90 percent of the ESJ project financing loan amount. There are three outstanding interest rate swaps with Mizuho, SMBC and NORD/LB, each one with a trade date of June 12, 2014 and an effective date of June 30, 2015, the date of conversion to a term loan. The terms of the interest rate swaps were constructed to match the critical terms of the interest payments. The swaps are accounted for as cash flow hedges.
- c) *Financing of the project's VAT with Santander.* On June 12, 2014, ESJ entered into a line of credit with Santander and on February 23, 2015 there was an amendment to increase the line for up to \$501.0 million Mexican Pesos (approximately \$35.0 million historical U.S. Dollar equivalent). Interest on each withdrawal accrued interest at the TIIE plus 145 BPS payable on a semi-annual basis. The credit line under this contract was used to finance the VAT on the ESJ project. As of December 23, 2015, ESJ withdrawn \$472.6 million Mexican Pesos of the credit line. On December 23, 2015 ESJ repaid and canceled the total credit facility.
- d) *Other disclosures.* The member's agreement provides certain restrictions and benefits to the sale of the membership interest in ESJ. The agreement establishes that capital calls that are to be contributed on a pro rata basis by the members. CSJ and its joint venture partner have provided guarantees of payment of amounts due by ESJ and its subsidiaries under the wind turbine supply agreement with Vestas WTG Mexico, S. A. de C. V. The guarantees are immaterial as of December 31, 2017, 2016 and 2015.

10.3. IMG

The joint venture formed between IEnova and TransCanada, for the construction of the South Texas - Tuxpan marine pipeline, whereby TransCanada has 60 percent interest in the partnership and IEnova owns the remaining 40 percent interest of the project.

As of December 31, 2017 and 2016, the Company's 40 percent interest in IMG is accounted for under the equity method. IMG Condensed Consolidated Financial Statements and the Company's equity method investment are summarized as follows:

	As of	
	12/31/17	12/31/16
Cash and cash equivalents	\$ 58,284	\$ 128,110
Value added tax receivable	195,350	12,264
Other assets	434	683
Total current assets	254,068	141,057
Total non-current assets	1,653,554	135,494
Total assets	\$ 1,907,622	\$ 276,551
Current liabilities	\$ 176,771	\$ 27,916
Long term debt	1,222,973	—
Deferred income tax liabilities	34,209	2,678
Total non-current liabilities	1,257,182	2,678
Total liabilities	1,433,953	30,594
Total members' equity	\$ 473,669	\$ 245,957
Share of members' equity	189,468	98,383
Guarantees	5,018	—
Share of members' equity and carrying amount of investment in IMG	\$ 194,486	\$ 98,383

IMG's Condensed Consolidated Statements of Profit is as follows:

	Year ended	
	12/31/17	12/31/16
Finance income (costs), net	\$ 78,082	\$ (467)
Other income (expense), net	692	(1,646)
Income tax expense	(31,233)	(3,122)
Profit (loss) for the year	\$ 47,541	\$ (5,235)
Share of profit (loss) of IMG	\$ 19,016	\$ (2,094)

- a) *Project financing for the IMG project.* As of December 31, 2017, the project resources for the design and construction of the marine pipeline have been funded with capital contributions of its members and loans.

On April 21, 2017, IMG entered into two revolving credit agreements with IEnova and TransCanada, parent entities, by \$9,042 million Mexican Pesos and \$13,563 million Mexican Pesos, respectively.

On December 6, 2017, IEnova and TransCanada renegotiated the credit line of such credit facility agreements for an amount up to \$14,168 million Mexican Pesos and \$21,252 million Mexican Pesos, respectively. Loans accrue an annual interest rate of TIIE plus 220 BPS.

Loan balances for the year ended on December 31, 2017 with IEnova is \$9,615 million Mexican Pesos.

IEnova and TransCanada have each provided guarantees to third parties associated with the construction of IMG's Sur de Texas-Tuxpan natural gas marine pipeline. IEnova's share of potential exposure of the guarantees was estimated to be \$210.0 million and will terminate upon completion of all guaranteed obligations. The guarantees have terms ranging to 2020.

As of December 31, 2017, IEnova recognized an increase to the equity method investment for the amount of \$5.0 million, fair value of the guarantees granted.

10.4. DEN

Until October 31, 2017 the Company owned a 50 percent interest in DEN, a joint venture with Pemex TRI.

In November, 2017, the Company fully consolidated DEN.

DEN's Condensed Consolidated Financial Statements of Financial Position and the Company's equity method investment, are summarized as follows:

	As of	
	10/31/17	12/31/16
Cash and cash equivalents	\$ 17,257	\$ 8,819
Due from unconsolidated affiliates	4,135	4,012
Other assets	7,166	4,278
Total current assets	28,558	17,109
Deferred income tax assets	10,361	17,364
Investments in joint ventures	195,981	155,327
Property, plant and equipment, net	1,795	1,689
Total non-current assets	208,137	174,380
Total assets	\$ 236,695	\$ 191,489
Current liabilities	\$ 68	\$ 646
Non-current liabilities	194,010	185,627
Total liabilities	\$ 194,078	\$ 186,273
Total members' equity	\$ 42,617	\$ 5,216
Share of members' equity and carrying amount of investment in DEN	\$ 21,309	\$ 2,608

DEN's Condensed Consolidated Statements of Profit is as follows:

	Period ended 10/31/17	Year ended 12/31/16
Revenues	\$ 18,532	\$ 5,623
Operating, administrative and other expenses	(7,185)	(5,310)
Finance costs	(7,394)	(2,126)
Other losses	(202)	(341)
Income tax (expense) benefit	(7,003)	3,464
Share of profit of joint venture, net of income tax	41,551	2,604
Profit for the period / year	\$ 38,299	\$ 3,914
Share of profit of DEN	\$ 19,149	\$ 1,957

On November 15, 2017, IEnova completed the acquisition of Pemex's TRI 50 percent interest in DEN.

In November, 2017, DEN became a wholly owned, consolidated subsidiary of IEnova. Please refer to Note 11.3.

10.5. TAG

TAG, together with TPN a joint venture between DEN and Pemex TRI, and a consortium comprised of BlackRock and First Reserve, own Los Ramones Norte pipeline, which began operations in February 2016.

In November, 2017, the Company increased its indirect participation in TAG from 25 percent to 50 percent. Please refer to Note 11.3.

As of December 31, 2017, the interest in TAG is accounted for under the equity method. TAG's Condensed Consolidated Statement of Financial Position and the Company's equity method investment are summarized as follows:

	As of 12/31/17
Cash and cash equivalents	\$ 81,823
Other assets	22,293
Total current assets	104,116
Due from unconsolidated affiliates	70,698
Finance lease receivables	1,431,703
Other assets	16,466
Property, plant and equipment, net	15,471
Total non-current assets	1,534,338
Total assets	\$ 1,638,454
Current liabilities	\$ 58,023
Non-current liabilities	1,178,616
Total liabilities	\$ 1,236,639
Total members' equity	\$ 401,815
Share of members' equity and carrying amount of investment in TAG	\$ 200,907
Equity method goodwill	99,020
Total amount of the investment in TAG	\$ 299,927

TAG's Condensed Consolidated Statement of Profit is as follows:

	For the period of 11/01/17 to 12/31/17
Revenues	\$ 32,411
Operating, administrative and other expenses	(6,876)
Finance costs	(10,517)
Other gains	217
Income tax expense	(9,378)
Profit for the period	\$ 5,857
Share of profit of TAG	\$ 2,928

a) TAG Project financing

On December 19, 2014, TAG, (subsidiary of DEN), entered into a credit contract with Santander as lender, administrative agent and collateral agent, with the purpose of financing the engineering, procurement, construction and commissioning of the gas pipeline.

During 2016 and 2015, there were amendments to the credit contract in order to include additional banks as lenders. The total amount of the credit is \$1,274.5 million, divided in tranches: i) long tranche, up to \$701.0 million, ii) short tranche up to \$513.3 million and iii) the letter of credit tranche for debt service reserve up to \$60.2 million.

The credit facilities mature in December 2026 and December 2034 for the short and long tranche loan respectively, with payments due on a semi-annual basis. The credit facilities bear interest at LIBOR plus the spread.

Years	Applicable margin BPS
1 st disbursement - (System Commercial Operation Date)	250
0-4	265
5-9	300
10-14	325
15-until credit maturity	350

As of December 31, 2017 the total outstanding loan is \$1,155.4 million, with its respective maturities. TAG hedged a portion of the loans tied to the interest rate risk through an interest rate swap, by changing the variable rate for a fixed rate.

The loans mentioned above contain restrictive covenants, which require TAG to maintain certain financial ratios and limits dividend payments, loans and obtaining additional financing. TAG met such covenants as of December 31, 2017.

Long-term debt due dates are as follows:

Year	Amount
2017	\$ 30
2018	59
2019	59
2020	59
Thereafter	949
Total	<u>\$ 1,156</u>

- b) *Interest rate swaps.* In December 2015, TAG contracted derivative instruments in order to hedge the risk of variable interest rates originated from LIBOR. The fixed contracted interest rate is 2.5 percent for the debt maturing at December 2016 and 2.9 percent for the debt maturing at December 2034.
- c) *Exchange rate forwards.* TAG entered into forward contracts with five banks to exchange Pesos for Dollars of a portion of the projects revenues for 2016; maturing through 2016 and in the first quarter of 2017. Additionally, in September 2016, TAG entered into forward contracts to exchange Mexican Pesos for U.S. Dollars of a portion of the projects' revenues for 2017; maturing through 2017 and in the first quarter of 2018.
- d) *Debt for financing VAT.* On December 19, 2014, TAG signed a credit agreement for financing VAT with Santander NAFINSA, Banco Nacional de Comercio Exterior, S. N. C. Institucion de Banca de Desarrollo ("BANCOMEXT") and Banco del Bajío, S. A., Institucion de Banca Multiple ("Ban Bajío"). The amount of the credit line was for \$3,680.9 million Mexican Pesos. On September 29, 2017, the VAT line of credit was paid in full for a total amount including interest of \$206.4 million Mexican Pesos. (US\$11.3 million).

11. Business combinations and asset acquisition

11.1. IEnova Pipelines, business combination

On September 26, 2016, IEnova acquired the remaining 50 percent of IEnova Pipelines shares at a value of \$1,143.8 million, which was recorded using the acquisition method as it obtained control over IEnova Pipelines as of such date. The result of this acquisition has been included in the accompanying Consolidated Financial Statements as of the acquisition date.

a. Subsidiaries acquired

Entity	Principal activity	Date of acquisition	Proportion of voting equity interests acquired	Consideration transferred
IEnova Pipelines	Gas transportation	September 26, 2016	50%	\$1,143,834

b. Consideration transferred

The costs associated with the acquisition have been excluded from the consideration transferred and have been recognized as an expense in the period within "Operating, administrative and other expenses" in the Consolidated Statements of Profit.

c. Assets acquired and liabilities recognized at the acquisition date and goodwill on acquisitions

	As of 9/26/16
Fair value of business combination:	
Cash consideration (fair value of total consideration)	\$ 1,143,834
Total fair value of business combination	<u>\$ 2,287,668</u>
Cash and cash equivalents	66,250
Trade and other receivables	66,739
Finance lease receivables	945,104
Property, plant and equipment, net	309,186
Other assets	933
Current liabilities	(112,980)
Non-current liabilities (1)	<u>(484,572)</u>
Total identifiable, net assets	<u>1,275,232</u>
Goodwill	<u>\$ 1,497,008</u>

(1) Includes \$364.0 million related to bank loans.

None of the goodwill is expected to be deductible for tax purposes.

Key sources of estimation uncertainty

Selected Valuation Methodology:

IEnova Pipelines is a regulated business, that will earn a return of its costs and a reasonable return on its invested capital, without other consideration; the value of the assets of a regulated business is the value of its invested capital. Under this premise, the FV of the fixed assets of regulated businesses is equivalent to carrying value for financial reporting purposes, as carrying value reflects the basis for which invested capital is derived, and for which a regulated business is allowed to earn a reasonable return.

The Company concluded that the carrying value of the fixed assets is deemed to be representative of FV for IFRS purposes.

d. Net cash flow from acquisition of subsidiaries

	As of 09/26/16
Consideration paid in cash	\$ 1,143,834
Less: balances of cash and cash equivalents acquired	<u>(66,250)</u>
Consideration paid in cash, net	<u>\$ 1,077,584</u>

e. Impact of acquisitions on the results of the period

The results of the year ended December 31, 2016, includes a gain of \$673.1 million for the excess of the acquisition-date fair value of IEnova's previously held equity interest in IEnova Pipelines over the carrying value of that interest, included as remeasurement of equity method investment on the Consolidated Statements of Profit.

11.2. Ventika, business combination

On December 14, 2016, IEnova acquired the 100 percent of the shares of Ventika at a value of \$434.7 million, which was recorded using the acquisition method as it obtained control over Ventika as of such date. The result of this acquisition has been included in the accompanying Consolidated Financial Statements as of the acquisition date.

a. Subsidiaries acquired

Entity	Principal activity	Date of acquisition	Proportion of voting equity interests acquired	Consideration transferred
Ventika	Wind Generation Facility	December 14, 2016	100%	\$434,688

b. Consideration transferred

The costs associated with the acquisition have been excluded from the consideration transferred and have been recognized as an expense in the period within "Operating, administrative and other expenses" in the Consolidated Statements of Profit.

c. Assets acquired and liabilities recognized at the acquisition date and goodwill on acquisitions

	As of 12/14/16
Fair value of business combination:	
Cash consideration (fair value of total consideration)	\$ 309,724
Total fair value of business combination	<u>\$ 309,724</u>
Cash and cash equivalents	24
Trade and other receivables, net	14,939
Restricted cash	68,299
Other assets	51,216
Property, plant and equipment, net	673,410
Intangible assets	154,144
Current liabilities	(145,912)
Non-current liabilities	<u>(621,825)</u>
Total identifiable, net assets	<u>\$ 194,295</u>
Goodwill	<u>\$ 115,429</u>

During the fourth quarter of 2017, the Company received additional information regarding Ventika's deferred income taxes as of the acquisition date, primarily related to net operating loss carryforwards. As a result, the Company recorded measurement period adjustments that resulted in a net decrease to goodwill and an increase in deferred tax assets of \$13.7 million, respectively.

d. Net cash flow used in acquisition of subsidiaries

	As of 12/14/16
Consideration paid in cash	\$ 434,688
Less: balances of cash and cash equivalents acquired	<u>(24)</u>
Consideration paid in cash, net	<u>\$ 434,664</u>

11.3. DEN, asset acquisition

On November 15, 2017, IEnova completed the acquisition of Pemex TRT's 50 percent interest in DEN, a joint venture that holds a 50 percent interest in the Los Ramones Norte pipeline, through TAG, for a purchase price of \$164.8 million (exclusive of \$17.2 million of cash and cash equivalents acquired), plus the assumption of \$95.8 millions of intercompany debt. This acquisition increases IEnova's ownership interest in TAG from 25 percent to 50 percent. IEnova Pipelines previously accounted for its 50 percent interest in DEN as an equity method investment. In November, 2017, DEN became a wholly owned, consolidated subsidiary of IEnova. DEN will continue to account for its interest in TAG as an equity method investment.

This transaction was accounted as an asset acquisition because DEN does not meet the definition of a business, since it does not have substantive inputs or processes. DEN's most significant asset is its equity method investment in TAG, the entity that owns the Los Ramones Norte pipeline. The excess consideration over the fair value of assets acquired and liabilities assumed was allocated on a relative fair value basis between the equity investment in TAG and an acquired intangible asset (Please refer to Note 15).

a. Assets acquisition

Entity	Main activity	Date of acquisition	Proportion of voting equity interests acquired	Consideration transferred
DEN	Holds equity investment in TAG	November 15, 2017	50%	\$164,752

Assets acquired and liabilities recognized at the acquisition date

	As of 11/15/17
Fair value of assets acquisition:	
Cash paid	\$ 164,752
Acquisition costs	<u>143</u>
Total fair value of assets acquisition	<u>\$ 164,895</u>
Cash and cash equivalents	17,257
Trade and other receivables	12,284
Deferred income tax assets	10,481
Investment in TAG	295,002
Property, plant and equipment, net	1,795
Other intangible assets	44,566
Current liabilities	(99,343)
Non-current liabilities	<u>(95,839)</u>
Total identifiable, net assets	<u>\$ 186,203</u>
Less: Carrying value of equity interest in DEN immediately prior to acquisition	(21,308)
Total fair value of assets acquisition	<u>\$ 164,895</u>

Valuation of DEN's Assets and Liabilities. DEN is substantially comprised of two assets. The first asset is DEN's equity method investment in TAG. The second asset is an acquired intangible asset, with an amortization period of 23 years, representing a favorable Operation & Maintenance ("O&M") agreement. Both assets were valued using an income approach. For substantially all other assets and liabilities, the Company determined that historical carrying value approximates fair value due to their short-term nature.

b. Net cash flow from acquisition of assets

	As of 11/15/17
Consideration paid in cash	\$ 164,752
Plus: Acquisition costs paid	143
Less: balances of cash and cash equivalents acquired, net of acquisition costs	(17,257)
Consideration paid in cash, net	<u>\$ 147,638</u>

12. Assets classified as held for sale and discontinued operations

- (a) As mentioned in Note 1.2.3., the Company's management approved a plan to market and sell TDM, a 625 MW natural gas-fired power plant located in Mexicali, Baja California, Mexico. Since March 31, 2016, the assets and liabilities were classified under current assets and liabilities held for sale. The results of TDM are presented within discontinued operations.
- (b) Details of the discontinued operations are provided as follows:

	12/31/17	Year ended 12/31/16	12/31/15
Revenues	\$ 129,634	\$ 101,547	\$ 143,500
Cost of revenues	(101,640)	(85,446)	(114,209)
Operating, administrative and other expenses	(26,189)	(17,515)	(22,354)
Impairment	(63,804)	(136,880)	—
Depreciation and amortization	—	(2,222)	(15,212)
Interest income	—	25	42
Finance costs	(595)	(254)	(244)
Other gains (losses), net	623	(1,396)	(151)
Income tax benefit (expense) *	5,567	29,809	(6,169)
Loss for the year	<u>\$ (56,404)</u>	<u>\$ (112,332)</u>	<u>\$ (14,797)</u>

* The Company does not recognize a deferred tax liability related to the undistributed earnings, because it currently does not expect these earnings to be taxable in the near future, for that reason the deferred tax liability recorded in 2016, amounted to \$5.3 million was derecognized. This effect is shown in the Consolidated Statements of Profit in the line item of "(Loss) profit for the year from discontinued operations, net of income tax".

During 2017 the Company has not recognized a deferred tax asset in the amount of \$15.2 million generated for the deductible temporary differences between book value and tax basis as a result of the decision to sell the partnership interest in TDM.

Additionally, the Company has not recognized a deferred tax asset in the amount of \$25.9 million generated for the deductible temporary differences between book value and tax basis of TDM.

The Company considers that there are no sufficient taxable profits available to recognize all or part of the deferred tax asset.

	12/31/17	Year ended 12/31/16	12/31/15
Loss per share:			
From discontinued operations	<u>\$ (0.04)</u>	<u>\$ (0.09)</u>	<u>\$ (0.01)</u>

- (c) Assets and liabilities held for sale corresponding to TDM are as follows:

	As of 12/31/17	As of 12/31/16
Cash and cash equivalents	\$ —	\$ 434
Other assets	64,263	32,813
Total current assets	<u>64,263</u>	<u>33,247</u>
Deferred income tax assets	201	193
Other assets	1,515	1,125
Carbon allowance	2,272	22,089
Property, plant and equipment, net (1)	79,939	134,633
Total non-current assets	<u>83,927</u>	<u>158,040</u>
Total assets	<u>\$ 148,190</u>	<u>\$ 191,287</u>
Current liabilities	\$ 54,336	\$ 7,974
Non-current liabilities	8,186	27,477
Total liabilities	<u>\$ 62,522</u>	<u>\$ 35,451</u>

(1) As a result of the allocation as assets held for sale, the Company carried out a review of the recoverable amount of these assets. The Company estimated the fair value less estimated costs to sell of property, plant and equipment based on available market appraisals or using other valuation techniques.

As a result of the allocation in assets held for sale property, made during this year, the Company carried out a review of the recoverable amount of these assets. The review led to the recognition of an after-tax impairment loss of \$63.8 and \$95.8 million during 2017 and 2016 respectively, which have been recognized in the Consolidated Statements of Profit. The Company also estimated the fair value less costs of disposal of property, plant and equipment, which is based on the recent market prices of assets with similar age and obsolescence.

	Year ended 12/31/17	Year ended 12/31/16
Cash flows from discontinued operations:		
Net cash flows provided by (used in) operating activities	\$ 10,084	\$ (868)
Net cash flows used in investing activities	(10,031)	(2,198)
Net cash flows used in financing activities	(53)	(256)
Net cash flows	<u>\$ —</u>	<u>\$ (3,322)</u>

TDM meets the criteria established in IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations* to maintain the classification as assets and liabilities held for sale and discontinued operation as of December 31, 2017 and 2016.

13. Goodwill

	12/31/17	As of 12/31/16	12/31/15
Cost	\$ 1,638,091	\$ 1,638,091	\$ 25,654

There are no accumulated impairment losses. The breakdown of goodwill is as follows:

Company	12/31/17	As of 12/31/16	12/31/15
IEnova Pipelines	\$ 1,497,008	\$ 1,497,008	\$ —
Ventika	115,429	115,429	—
IGM	25,654	25,654	25,654
Total	\$ 1,638,091	\$ 1,638,091	\$ 25,654

Allocation of goodwill to cash-generating units

IEnova Pipelines

Management expects the IEnova Pipelines acquisition to have strategic benefits, including opportunities for expansion into other infrastructure projects and larger platform and presence in Mexico to participate in energy sector. As such, IEnova Pipelines goodwill is tested at the Company's Cash Generated Unit ("CGU"), IEnova Pipelines.

The Company used DCF analysis to determine the fair value of the CGU. The DCF includes cash flows through contracted period of the pipelines and the gas storage terminal exit multiple of 4.3x. The discount rate used was the weighted average cost of capital ("WACC") calculated in 7.2 percent. Under this approach, the value in use was greater to the carrying value. Based on that no impairment was determined.

Ventika

There are no significant changes in Ventika's operations that would indicate potential impairment since acquisition, including the following: a) its financial results have been consistent with management initial projections, b) there has not been a material change in macroeconomic indicators, and c) there have been no significant changes in workforce, strategy, market trends or impacts due to recent acquisitions/integrations.

In the case of Ventika, the Company considered appropriate to use cash flows from the acquisition model and reviewed consistency with the actual results in 2017. The discount rate used was the WACC of 10.1 percent. Under this approach, the value in use is greater to the carrying value. Based on that no impairment was determined.

During the fourth quarter of 2017, the Company received additional information regarding Ventika's deferred income taxes as of the acquisition date, primarily related to net operating loss carryforwards. As a result, the Company recorded a measurement period adjustment that resulted in a net decrease to goodwill of \$13.7 million. (Please refer to Note 11.2.c.).

IGM

Goodwill has been allocated for impairment testing purposes to IEnova Gasoductos Mexico's cash-generating unit, which is included in the Gas segment.

The recoverable amount of this cash-generating unit is determined based on a 10-year DCF analysis of IEnova Gasoductos Mexico's projected results. The DCF for 2017, 2016 and 2015, was calculated based on a long-term unlevered cash flow forecast using a discount rate of 9 percent, which was the same rate used at the acquisition date.

There are no significant changes in IEnova Gasoductos Mexico's operations that would indicate potential impairment since acquisition, including the following: a) its financial results have been consistent with management's initial projections, b) the changes on the macroeconomic indicators may have not had adverse effect on the Company's operations (i.e. risk free rates are unchanged or lower than acquisition date and the change of Sovereign average rating from BBB to BBB+ for Mexico), c) changes in the regulatory environment have not had adverse effect on the Company's operations and, d) there have been no significant changes in workforce, strategy, market trends or impacts due to recent acquisitions/integrations.

Although, the Company's management believes the current discount rate may be lower as market rates have declined since the acquisition, the discount rate used as of the acquisition date was deemed to be a reasonable rate for goodwill impairment testing purposes.

14. Property, plant and equipment, net

	12/31/17	As of 12/31/16	12/31/15
<i>Carrying amounts of:</i>			
Buildings and plants	\$ 4,017,315	\$ 3,110,525	\$ 2,586,775
Equipment	28,674	96,017	86,965
Other assets	117,279	59,670	38,843
	4,163,268	3,266,212	2,712,583
Accumulated depreciation and amortization	(545,148)	(433,074)	(557,563)
Land	82,389	82,404	76,524
Properties under construction	28,947	698,543	364,296
	\$ 3,729,456	\$ 3,614,085	\$ 2,595,840

	Land	Buildings and plants	Equipment	Properties under construction	Other assets	Total
Cost						
Balance as of January 1, 2015	\$ 74,988	\$ 2,287,706	\$ 64,572	\$ 415,211	\$ 32,948	\$ 2,875,425
Additions	1,542	332,691	22,697	(50,048)	8,764	315,646
Disposals	—	(2,738)	—	—	(1,317)	(4,055)
Effect of foreign currency translation	(6)	(25,275)	(304)	(867)	(1,552)	(28,004)
Revisions and additions to decommissioning liability	—	(5,609)	—	—	—	(5,609)
Balance as of December 31, 2015	76,524	2,586,775	86,965	364,296	38,843	3,153,403
Assets held for sale	(674)	(436,077)	(7,525)	(533)	(2,935)	(447,744)
Additions	282	15,523	17,085	332,682	17,386	382,958
Business combination IEnova Pipelines (Refer to Note 11.1.)	6,026	296,520	—	—	8,750	311,296
Business combination Ventika (Refer to Note 11.2.)	252	673,531	—	—	—	673,783
Disposals	—	(1,021)	(164)	—	(738)	(1,923)
Effect of foreign currency translation	(6)	(26,882)	(344)	(724)	(1,636)	(29,592)
Revisions and additions to decommissioning liability	—	4,978	—	—	—	4,978
Balance as of December 31, 2016	82,404	3,113,347	96,017	695,721	59,670	4,047,159
Additions	13	886,917	192	(705,173)	33,318	215,267
Assets acquisition DEN (Refer to Note 11.3)	—	—	203	—	1,592	1,795
Disposals	(30)	(7,501)	(59)	(325)	(2,146)	(10,061)
Effect of foreign currency translation	2	(10,662)	—	16,013	837	6,190
Revisions and additions to decommissioning liability	—	10,814	—	—	—	10,814
Other	—	24,400	(67,679)	22,711	24,008	3,440
Balance as of December 31, 2017	<u>\$ 82,389</u>	<u>\$ 4,017,315</u>	<u>\$ 28,674</u>	<u>\$ 28,947</u>	<u>\$ 117,279</u>	<u>\$ 4,274,604</u>
Accumulated depreciation						
Balance as of January 1, 2015	\$ —	\$ (468,778)	\$ (8,545)	\$ —	\$ (20,363)	\$ (497,686)
Eliminated on disposals of assets	—	870	(599)	—	183	454
Depreciation expense	—	(62,203)	(1,635)	—	(3,844)	(67,682)
Effect of foreign currency translation	—	6,269	173	—	909	7,351
Balance as of December 31, 2015	—	(523,842)	(10,606)	—	(23,115)	(557,563)
Assets held for sale	—	178,795	—	—	1,622	180,417
Eliminated on disposals of assets	—	271	111	—	270	652
Depreciation expense	—	(57,741)	(2,241)	—	(3,468)	(63,450)
Effect of foreign currency translation	—	6,732	186	—	886	7,804
Other	—	(934)	—	—	—	(934)
Balance as of December 31, 2016	—	(396,719)	(12,550)	—	(23,805)	(433,074)
Eliminated on disposals of assets	—	890	146	—	1,572	2,608
Depreciation expense	—	(102,805)	(911)	—	(6,745)	(110,461)
Effect of foreign currency translation	—	(1,314)	(234)	—	(666)	(2,214)
Other	—	(3,379)	3,579	—	(2,207)	(2,007)
Balance as of December 31, 2017	<u>\$ —</u>	<u>\$ (503,327)</u>	<u>\$ (9,970)</u>	<u>\$ —</u>	<u>\$ (31,851)</u>	<u>\$ (545,148)</u>

ECA acquired 19,452,209 square meters of land of which 627,614 were used for the construction of the LNG Terminal. The remaining land is used as buffer and access zones in accordance with the authorization issued by the Mexican Natural Resources and Environmental Ministry (Secretaría de Medio Ambiente y Recursos Naturales, "SEMARNAT" by its initials in Spanish).

The additions to property, plant and equipment during 2017, 2016 and 2015, are mainly comprised of construction in process, related to the following pipeline segments: Guaymas-El Oro, Ojinaga-El Encino, San Isidro-Samalayuca and El Empalme pipeline branch.

As of December 31, 2017, the pipeline projects started commercial operation as follows:

- San Isidro - Samalayuca on March 31, 2017
- Guaymas - El Oro on May 19, 2017
- El Empalme pipeline branch on June 24, 2017
- Ojinaga - El Encino on June 30, 2017

As of December 31, 2017, 2016 and 2015, additions of property, plant and equipment that were not paid, amount to \$41.7 million, \$49.8 million and \$5.2 million, respectively.

Borrowing cost. During the years ended December 31, 2017, 2016 and 2015 the Company capitalized borrowing costs on qualifying assets in the amount of \$10.2 million, \$14.8 million and \$15.1 million, respectively. The weighted average rate used to determine the amount of borrowing costs eligible for capitalization were 2.98 percent, 3.33 percent and 3.47 percent, for the years ended December 31, 2017, 2016 and 2015, respectively.

14.1. Useful lives of property, plant and equipment

Depreciation is calculated using the straight-line method based on the remaining useful lives of the related assets, as follows:

	Years
Buildings	40
Plant and equipment for LNG storage, regasification and nitrogen injection facility ¹	5-45
Plant and equipment for wind power generation facilities ¹	20-30
Pipelines system for transportation and distribution of gas ¹	34-50
Plant and equipment for generation of electricity ¹	37
Fiber optic network ²	5-20
Leasehold improvements ²	3-10
Machinery and other equipment ²	3-10
Other assets ²	3-20

¹ Useful lives related to plant and equipment category

² Useful lives related to other assets category

15. Intangible assets

	12/31/17	As of 12/31/16
<i>Carrying amounts of:</i>		
Renewable transmission rights (a)	\$ 154,144	\$ 154,144
O&M contract (b)	44,566	—
Amortization	(8,511)	—
	<u>\$ 190,199</u>	<u>\$ 154,144</u>

(a) Renewable transmission rights

As of December 14, 2016, regarding Ventika's acquisition the Company recorded \$154.0 million related to the renewable transmission and consumption rights associated with the projects approved under the preexisting self-supply renewable program.

Amortization is calculated using the straight-line method based on the remaining useful life of the related intangible asset, derived over the term of the self-supply power agreements of 20 years. As of December 31, 2017, the amortization amount to \$8.3 million.

(b) O&M Contract

In November 2017, the Company, through DEN's asset acquisition, acquired an intangible asset related to the O&M contract with TAG, the amortization is calculated on a straight-line basis until the expiration of the Agreement in February 2041, equivalent to 23 years.

As of December 31, 2017, the amortization amount to \$0.2 million.

16. Trade and other payables

	12/31/17	As of 12/31/16	12/31/15
Trade payables	\$ 72,603	\$ 93,731	\$ 43,830
Other miscellaneous payables	35	835	19
	<u>\$ 72,638</u>	<u>\$ 94,566</u>	<u>\$ 43,849</u>

The average credit period on purchases of goods and services is between 15 to 30 days. No interest has been charged on trade payables. The Company has policies in place to ensure that all payables are paid within the pre-agreed credit terms.

17. Employee benefits

17.1. Defined contribution component

The Company provides a defined contribution plan for all permanent full-time employees in Mexico. Employees that leave the Company obtain the capital accumulated with the contributions according to the following vesting schedule: a) Basic Contribution: 100 percent immediately for the capital accumulated. b) Additional Contribution: for the capital accumulated the vesting rates are: 100 percent in case of death or disability, and in case of voluntary termination according with the Company policy.

17.2. Defined benefit component

The Company also provides defined benefit plans for all permanent full-time employees of its subsidiaries in Mexico. Under the plans, the employees are entitled to retirement benefits varying between 55 percent and 100 percent of their final salary upon reaching the retirement age of 65 years. No other post-retirement benefits are provided to these employees.

17.3. Seniority premium benefits

The Company provides seniority premium benefits, which consist of a lump sum payment of 12 days of wages per each year worked, calculated using the employee's most recent salary, not to exceed twice the minimum wage established by law.

17.3.1. Costs and obligations for post-employment and other long-term employee benefits

The principal assumptions used for the purposes of the actuarial valuations were as follows:

	12/31/17	Valuation at 12/31/16	12/31/15
Discount rates	8.25%	8.00%	8.00%
Expected rates of salary increase	4.75%	4.75%	4.75%
Long-term expected inflation	3.75%	3.75%	3.75%
Exchange rate	\$ 18.20	\$ 19.72	\$ 17.20

Amounts recognized within current earnings and OCI as well as benefits paid with respect to the Company's post-employment and other long-term employee benefits were as follows:

	12/31/17	As of 12/31/16	12/31/15
Current service cost recognized in administrative and other expenses	\$ 155	\$ 646	\$ 531
Interest on obligation recognized in finance costs	457	345	321
Actuarial gain (losses) recognized in OCI	704	1,765	(1,793)

The amount included in the Consolidated Statements of Financial Position arising from the Company's obligation related to its defined benefit plans, and changes in the present value of the defined benefit obligation in the current year, were as follows:

	12/31/17	As of 12/31/16	12/31/15
Opening defined benefit obligation	\$ 5,586	\$ 4,295	\$ 3,045
Current service cost	105	585	531
Interest benefit	422	309	321
Actuarial gain (loss)	482	435	(655)
Exchange differences on plans maintained by Mexican peso functional currency entities	—	—	1,102
Payment	—	115	—
Benefits paid	(58)	(153)	(49)
Ending defined benefit obligation	\$ 6,537	\$ 5,586	\$ 4,295

18. Other financial liabilities

	12/31/17	As of 12/31/16	12/31/15
Accrued interest payable (a)	\$ 6,959	\$ 4,855	\$ 5,661
Guarantee liability (b)	2,080	—	—
Customer deposits	1,333	1,022	783
	<u>\$ 10,372</u>	<u>\$ 5,877</u>	<u>\$ 6,444</u>

(a) Balance represents accrued interest payable on long-term debt. Please refer to Note 23.

(b) IEnova and its partner on the Sur of Texas-Tuxpan natural gas pipeline, Transcanada, have a jointly guaranteed obligation for constructions services during the construction of the pipeline. Please refer to Note 10.3.

19. Other liabilities

	12/31/17	As of 12/31/16	12/31/15
Wages and benefits payable	\$ 19,012	\$ 14,995	\$ 12,482
Other current liabilities	619	13,866	4,755
	<u>\$ 19,631</u>	<u>\$ 28,861</u>	<u>\$ 17,237</u>

20. Carbon allowances

The Company is required by California Assembly Bill 32 to acquire CAs for every metric ton of carbon dioxide equivalent emitted into the atmosphere during electricity generation. Under the bill TDM is subject to this extraterritorial regulation, despite being located in Baja California, Mexico since their end users are located in California, U. S.

The Company records CAs at the lower of weighted average cost or market value, and includes them as current or non-current on the Consolidated Statements of Financial Position based on the dates that they are required to be surrendered. The Company measures the compliance of the obligation, which is based on emissions, at the carrying value of allowances held plus the fair value of additional allowances necessary to satisfy the obligation. The Company derecognizes the assets and liabilities from the Consolidated Statements of Financial Position as the allowances are surrendered. Please refer to Note 12.

CAs are shown in the Consolidated Statements of Financial Position as follows:

	As of 12/31/15
Assets:	
Current	\$ 5,385
Non-current	12,975
	<u>\$ 18,360</u>
Liabilities	
Current	\$ 5,385
Non-current	12,611
	<u>\$ 17,996</u>

21. Short-term debt

As of December 31, 2017, 2016 and 2015, short-term debt includes the following:

	12/31/17	As of 12/31/16	12/31/15
Credit agreement (a)	\$ 137,053	\$ 446,034	\$ 91,374
Certificados Bursátiles ("CEBURES") at variable rate (Refer to Note 23.a.)	65,871	—	—
Current portion of IEnova Pipelines Bank Loan (Refer to Note 23.c.)	40,631	38,682	—
Current portion of Ventika Bank Loan (Refer to Note 23.d.)	22,588	13,482	—
	<u>266,143</u>	<u>498,198</u>	<u>91,374</u>
Borrowing costs	(3,383)	(4,627)	(2,867)
	<u>\$ 262,760</u>	<u>\$ 493,571</u>	<u>\$ 88,507</u>

(a) **Credit agreement.** On August 21, 2015, the Company entered into an agreement for a \$400.0 million, U.S. Dollar-denominated, five-year corporate revolving credit facility to finance working capital and for general corporate purposes. The lenders are Banco Nacional de Mexico, S. A. Integrante de Grupo Financiero Banamex, SMBC, Santander, The Bank of Tokyo, and The Bank of Nova Scotia.

Credit facility with SMBC. On August 25, 2014, the Company entered into an agreement for a \$100.0 million, U.S. dollar-denominated, three-year corporate revolving credit facility to finance working capital and for general corporate purposes. The lender is Sumitomo Mitsui Banking Corporation. Interest accrues based on the 3-month LIBOR plus 105 BPS. During July 2015, the Company withdrew \$34.0 million. On August 24, 2015, the Company decided to repay the total credit facility and cancelled this credit facility.

Interest accrues based on the 3-month LIBOR plus 90 BPS. As of December 23, 2015, IEnova had \$310.0 million of outstanding borrowings supported by the facility. On December 22, 2015, the Company renegotiated the credit line of agreement for an amount up to \$600.0 million, U.S. Dollar-denominated. On December 23, 2015, the Company decided to repay \$219.0 million (principal) of such credit facility.

Withdrawal of credit line. In June and July 2016, the Company withdrew \$20.0 million and \$380.0 million, respectively, of the credit line to be used for working capital and general corporate purposes. In December 2016, the Company withdrew \$375.0 million to finance a portion of Ventika's acquisition and for general corporate purposes.

On October 21, 2016, the Company paid \$250.0 million of the credit agreement.

On November 3, 2016, the Company renegotiated the credit line of the credit agreement for an amount up to \$1,170.0 million, U.S. Dollar-denominated. On December 30, 2016, a portion of this revolving credit was repaid in the amount of \$200.0 million.

On November 14, 2017, the Company withdrew \$260.0 million, a portion of this disposition was used to finance the acquisition of DEN. (Please refer to Note 11.3.)

On December 14, 2017, with the proceeds received from the Senior Notes offering the Company paid a portion of this revolving credit by \$730.0 million. (Please refer to Note 23.f.)

As of December 31, 2017, 2016 and 2015 the available unused credit portion is \$1,033.0 million, \$724.0 million and \$509.0 million, respectively.

Dispositions of the credit line to be used for working capital and general corporate purposes.

(b) **Financing of project's VAT** - On April 8, 2014, Ventika entered into a line of credit with NAFINSA and BANCOMEX, as lenders. On December 17, 2015, there was an amendment to increase the line for up to \$569.4 million Mexican Pesos and \$713.3 million Mexican pesos, respectively. Interest was accrued at the TIIE plus 250 BPS payable on a quarterly basis. The credit line under this contracts was used to finance the VAT on the Ventika's projects. In 2016, the Company decided to repay and accordingly canceled the total credit facility.

(c) **Credit facility with Santander.** On June 19, 2014, the Company entered into an agreement for a \$200.0 million, U.S. Dollar-denominated, three-year corporate revolving credit facility to finance working capital and for general corporate purposes. The lender Santander. Interest accrued base on the 3-month LIBOR plus 105 BPS. During July and August 2015, the Company withdrew \$76.0 million and \$25.0 million respectively. On August 26, 2015, the Company decided to repay the total credit facility. As a result, transaction cost were recorded in the Consolidated Statements of Profit.

22. Provisions

	12/31/17	As of 12/31/16	12/31/15
Decommissioning liabilities (a)	\$ 58,654	\$ 41,618	\$ 34,236
Other provisions (b)	8,950	10,347	1,293
	<u>\$ 67,604</u>	<u>\$ 51,965</u>	<u>\$ 35,529</u>
Current	\$ 394	\$ 930	\$ 1,293
Non-current	67,210	51,035	34,236
Total provisions	<u>\$ 67,604</u>	<u>\$ 51,965</u>	<u>\$ 35,529</u>
	Asset retirement obligations	Others	Total
Balance as of January 1, 2015	\$ 38,250	\$ 1,619	\$ 39,869
Additional provisions recognized	1,596	—	1,596
Payments and other decreases in provisions recognized	—	(326)	(326)
Unwinding of discount and effect of changes in the discount rate	(5,610)	—	(5,610)
Balance as of December 31, 2015	\$ 34,236	\$ 1,293	\$ 35,529
Additional provisions recognized	1,705	9,380	11,085
Increase of financial cost	1,745	—	1,745
Payments and other decreases in provisions recognized	—	(326)	(326)
Unwinding of discount and effect of changes in the discount rate	3,932	—	3,932
Balance as of December 31, 2016	\$ 41,618	\$ 10,347	\$ 51,965
Additional provisions recognized	4,239	—	4,239
Increase of financial cost	1,983	—	1,983
Payments and other decreases in provisions recognized	—	(1,397)	(1,397)
Unwinding of discount and effect of changes in the discount rate	10,814	—	10,814
Balance as of December 31, 2017	<u>\$ 58,654</u>	<u>\$ 8,950</u>	<u>\$ 67,604</u>

(a) Decommissioning liabilities

For long-lived assets, the Company recognized decommissioning liabilities for the present value of future costs expected to be incurred when assets are withdrawn from service, if the Company has a legal or constructive obligation and if the Company can make a reasonable estimate of that obligation. The discount rates used by the Company were 3.90 percent, 4.54 percent and 4.66 percent as of December 31, 2017, 2016 and 2015, respectively.

(b) Other provisions

The balance of other provisions include a liability by \$0.4 million due to an onerous contract representing the present value of future losses that the Company expects to incur under one of their service contracts. Because the related asset is operating below full capacity, management of the Company utilized a present value model to determine the provision utilizing a discount rate of 10 percent.

The Company reported damage and declared a force majeure event for the Guaymas-El Oro segment of the Sonora pipeline in the Yaqui territory that has interrupted its operations since August 23, 2017. As of December 31, 2017, the Company recorded a provision by \$0.8 million. The Sasabe-Puerto Libertad-Guaymas segment remains in full operation.

As of December 31, 2017, the balances of the Specific Services Contract ("CSE") related to the authorized provision stipulated under the O&M contract with Pemex TRI regarding the acquisition of materials, spare parts and services for the maintenance of the pipelines transportation system amounts \$7.7 million.

23. Long-term debt

As of December 31, 2017, 2016 and 2015, long-term debt includes:

	12/31/17	As of 12/31/16	12/31/15
Senior Notes (f)	\$ 840,000	\$ —	\$ —
Santander -Ventika (d, e)	451,248	472,781	—
BBVA Bancomer - IEnova Pipelines (c)	277,175	317,279	—
CEBURES at fixed rate (a, b)	197,614	188,734	226,659
CEBURES at variable rate (a, b)	—	62,911	75,553
	<u>1,766,037</u>	<u>1,041,705</u>	<u>302,212</u>
Debt issuance costs	(33,997)	(1,901)	(2,287)
	<u>\$ 1,732,040</u>	<u>\$ 1,039,804</u>	<u>\$ 299,925</u>

a. CEBURES. On February 14, 2013, the Company entered into two public debt issuances of CEBURES or debt securities as follows:

- The first placement was for \$306.2 million (\$3,900 million of historical Mexican Pesos) bearing interest at a rate of 6.30 percent, with semi-annual payment of interest, maturing in 2023.
- The second placement was for \$102.1 million (\$1,300 million of historical Mexican Pesos) bearing interest at variable rate based on the TIIE plus 30 BPS, with monthly payments of interest, maturing in 2018. The average annual rate as of December 31, 2017, 2016 and 2015, was 7.25 percent, 4.64 percent and 3.62 percent, respectively.

b. Cross-currency and interest rate swaps. On February 14, 2013, regarding the placements of CEBURES, the Company executed cross-currency and interest rate swap contracts for hedging its exposure to the payment of its liabilities in Mexican Pesos:

- For the debt maturing in 2023, the Company swapped fixed rate in Mexican Pesos for a fixed rate in U.S. Dollars, exchanging principal and interest payments. The weighted average interest rate, in U.S. Dollars for this swap was 4.12 percent.
- For the debt maturing in 2018, the Company swapped variable rate in Mexican Pesos for a fixed rate in U.S. Dollars, exchanging principal and interest payments. The weighted average interest rate, in U.S. Dollars for this swap was 2.65 percent.

The swaps' total notional value is \$408.3 million (\$5,200 million historical Mexican Pesos). These contracts have been designated as cash flow hedges.

c. Bancomer - IEnova Pipelines. On December 5, 2013, IEnova Pipelines signed a credit contract with Bancomer as agent and Deutsche Bank Mexico, Fiduciary Division, as Fiduciary. The amount of the loan is for \$475.4 million U.S. Dollars, the proceeds of which will be used to develop the Entity's projects in process. The four participating credit institutions are Bancomer with a 50 percent contribution, The Bank of Tokyo with 20 percent, Mizuho with 15 percent and NORD/LB with 15 percent.

The loan calls for quarterly payments beginning on March 18, 2014, and ending in 2026 for a total term of 13 years.

The loan bears an interest at the LIBOR plus 2.0 percent per year until the fifth anniversary, LIBOR plus 2.25 percent from the fifth to the eighth anniversary, LIBOR plus 2.50 percent from the eighth to twelfth anniversary and LIBOR plus 2.75 percent from the thirteenth anniversary until maturity.

As of December 31, 2017, the long term debt maturity are as follows:

Year	Amount
2018	\$ 40,631
2019	39,119
2020	42,213
Thereafter	<u>195,843</u>
	<u>\$ 317,806</u>

In such credit, IEnova Pipelines was defined as debtor, TDF together with GdT were assigned as guarantors and collaterals through the cession of the collections rights from their portfolio of projects integrated by IEnova Pipelines, TDF and GdT as source of payment for the credit.

Covenants arising from the credit require for the following:

Maintain a minimum member's equity during the term of the loan, in the amounts indicated:

Entity	Amount
IEnova Pipelines	\$ 450,000
GdT	130,000
TDF	90,000

Maintain an interest ratio of 2.5 to 1 at least on a consolidated basis (EBITDA to interest) for the payment of interest.

As of the date of the Consolidated Financial Statements, the Company has complied with these obligations.

On January 22, 2014, the Company contracted a financial derivative instrument (swap) with Bancomer, The Bank of Tokyo, Mizuho and NORD/LB. Such swap is to cover the interest rate risk on its debt total amount. The financial instrument changes the LIBOR for a fixed rate of 2.63 percent.

The Company has designated derivative financial instruments mentioned above under the model of cash flow hedges, in terms of what is permitted by the accounting standards. Given that, this interest rate swap, hedge objective is to set the flowing cash derived from interest payments on the syndicated loan maturing in 2026.

- d. **Project financing for the Ventika project.** On April 8, 2014, Ventika entered into a project finance loan for the construction of the wind projects with five banks: Santander as administrative and collateral agent, the NADB, Banco Nacional de Obras y Servicios Públicos, S. N. C. Institución de Banca de Desarrollo ("BANOBRAS"), BANCOMEXT, and NAFINSA as lenders.

The credit facilities mature according to the following table, with payments due on a quarterly basis each March 15, June 15, September 15 and December 15 until the final maturity date, as follows:

Bank	Maturity date
SANTANDER	3/15/2024
BANOBRAS	3/15/2032
NADB	3/15/2032
BANCOMEXT	3/15/2032
NAFINSA	3/15/2032

The breakdown of the debt is as follows:

Bank	As of 12/31/17
NADB	\$ 138,320
SANTANDER	107,096
BANOBRAS	88,920
BANCOMEXT	69,160
NAFINSA	69,160
Interest payable	1,180
	<u>\$ 473,836</u>

- e. **Interest Rate Swaps.** In order to mitigate the impact of benchmark interest rate changes, Ventika entered into four interest rate swaps with Santander and BANOBRAS; it allows Ventika to have almost 92.0 percent of the mentioned credit facilities above fixed. The swap contracts allow for the Company to pay a fixed interest rate of 2.94 percent and 3.68 percent, respectively, and to receive variable interest rate (three-month LIBOR).
- f. **Senior Notes.** On December 14, 2017, the Company entered into an agreement for \$840.0 million international Senior Notes as follows:
- The first placement was for \$300.0 million bearing interest at a rate of 3.75 percent, with semi-annual payment of interest, maturing in 2028.
 - The second placement was for \$540.0 million bearing interest at a rate of 4.88 percent, with semi-annual payment of interest, maturing in 2048.

As of December 31, 2017, the debt issuance costs amounts \$32.6 million.

The Company used the net proceeds from the offering to repay outstanding short-term indebtedness, with the remainder for general corporate purposes.

24. Financial instruments

24.1. Capital management

The Company expects its cash flows from operations to fund a substantial portion of future capital expenditures and dividends.

The Company is subject to externally imposed capital requirements for its regulated subsidiaries in the gas segment. According to applicable regulations the subsidiaries need to include in their bylaws the requirement to have a minimum fixed capital, without withdrawal rights, equivalent to 10 percent of their investment.

Also, the Company has a commitment with the Mexican regulator for capital contributions based on invested capital for its projects. As of December 31, 2017, 2016 and 2015, the Company had complied with the above requirements.

24.2. Categories of financial instruments

	12/31/17	As of 12/31/16	12/31/15
Financial assets			
Cash and cash equivalents	\$ 37,208	\$ 24,918	\$ 40,377
Short term investment	1,081	80	20,068
Restricted cash	55,820	51,363	—
FVTPL			
Held for trading	9,146	8,120	21,994
Amortized cost			
Loans and receivables	613,280	218,214	193,102
Financial leasing	950,310	957,466	14,510
Financial liabilities			
FVTPL			
Held for trading	\$ 204,170	\$ 226,161	\$ 133,056
Amortized cost	2,695,537	1,897,812	829,835

24.3. Financial risk management objectives

The activities carried out by the Company may expose it to financial risk, including market risk, which encompasses foreign exchange, interest rate and commodity price risks, credit risk and liquidity risk. The Company seeks to minimize the potential negative effects of these risks on its financial performance through an overall risk management program. The Company may use derivative and non-derivative financial instruments to hedge against some exposures to financial risks embedded in assets and liabilities on the Consolidated Statements of Financial Position or off-balance sheet risks (firm commitments and highly probable forecasted transactions). Both financial risk management and the use of derivative and non-derivative financial instruments are governed by Company policies.

The Company identifies, assesses, monitors and centrally manages the financial risks of its operating subsidiaries through written policies that establish limits associated with specific risks including guidelines for permissible losses, guidelines for determining when the use of certain derivative financial instruments are appropriate and within policy guidelines, guidelines for when instruments can be designated as hedges, and guidelines for when derivative instruments do not qualify for hedge accounting but can qualify as held-for-trading, which is the case for derivative financial instruments. Compliance with established policies and exposure limits by the Company's management is reviewed by internal audit on a routine basis.

24.4. Market risk

Market risk is the risk of erosion of the Company's cash flows, earnings, asset values and equity due to adverse changes in market prices and interest and foreign currency rates.

The Company has policies governing its market risk management and trading activities. The Parent's senior officers are members of committees that establish policies, oversee energy risk management activities, and monitor the results of trading and other activities to ensure compliance with the Company's stated energy risk management and trading policies. These activities include, but are not limited to, daily monitoring of market positions that create credit, liquidity and market risk. The respective oversight organizations and committees are independent from the energy procurement departments.

The Company enters into a variety of derivative financial instruments to manage its exposure to commodity price, interest rate and foreign currency exchange rate risks, including:

- Interest rate swaps to mitigate the risk of rising interest rates or foreign currencies under which certain liabilities are denominated (and its related tax impacts), and
- Commodity price contracts to hedge the volatility in the prices and basis of natural gas.

There has been no material change to the Company's exposure to market risks or the manner in which these risks are managed and measured.

24.5. Value at Risk ("VaR") analysis

The VaR measure estimates the potential loss in pre-tax profit, under normal market conditions, over a given holding period for a specified confidence level. The VaR methodology is a statistically defined, probability-based approach that takes into account market volatilities as well as risk diversification by recognizing offsetting positions and correlations between products and markets. Risks can be measured consistently across all markets and products, and risk measures can be aggregated to arrive at a single risk number.

Along with other tools, the Company uses VaR to measure its exposure to market risk primarily associated with commodity derivative instruments that the Company holds. The Company uses historical volatilities and correlations between instruments and positions in the calculations.

The Company uses a one-day holding period and a 95 percent confidence interval in its VaR calculations. The one-day 95 percent VaR number reflects the 95 percent probability that the daily loss will not exceed the reported VaR.

The variance-covariance approach was used to calculate the VaR values.

VaR History (95%, one day) by risk type	As of		
	12/31/17	12/31/16	12/31/15
Interest rate swap	\$ 2,581	\$ 4,025	\$ 3,761
Total VaR exposure	\$ 2,452	\$ 3,824	\$ 3,573

VaR is a statistical estimate of how much a portfolio may lose in the given time horizon for the given confidence interval. By using a VaR with a 95 percent confidence interval, the potential losses above that percentile are not considered; by using historical data possible adverse extreme movements might not be captured, since these did not occur during the time period considered in the calculations; and there is no guarantee that the actual losses will not exceed the calculated VaR.

While VaR captures the Company's daily exposure to commodity and interest rate risk, sensitivity analysis evaluates the impact of a reasonably possible change in commodity prices and interest rates over a year. Details of sensitivity analysis for foreign currency risk are set out in Note 24.7.1.

24.6. Commodity price risk

Market risk related to physical commodities is created by volatility in the prices and basis of certain commodities. The Company's various subsidiaries are exposed, in varying degrees, to price risk, primarily to prices in the natural gas markets. The Company's policy is to manage this risk within a framework that considers the unique market and operating and regulatory environments of each subsidiary.

The Company is generally exposed to commodity price risk, indirectly through its LNG, gas pipelines and storage, and power generating assets. The Company may utilize commodity transactions in the course of optimizing these assets. These transactions are typically priced based on market indexes, but may also include fixed price purchases and sales of commodities. Please refer to Note 24.4.

24.7. Foreign currency risk management

The Company has investments in entities whose functional currency is not the U. S. Dollar; additionally, it also has balances in Mexican Pesos held by its U.S. Dollar functional currency subsidiaries, exposing the Company to currency fluctuations.

The Company's primary objective in reducing foreign currency risk is to preserve the economic value of the investments and to reduce earnings volatility that would otherwise occur due to exchange rate fluctuations.

As mentioned above, the Company enters into transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise.

The carrying amounts of the Company's foreign currency-denominated financial assets and financial liabilities, in relation to its subsidiaries' functional currencies, at the end of the reporting period are as follows:

	Financial assets		
	12/31/17	12/31/16	12/31/15
U. S. Dollar functional currency subsidiaries	\$ 746,038	\$ 171,462	\$ 159,824
Mexican Peso functional currency subsidiaries	33,594	19,900	30,110
	Financial liabilities		
	12/31/17	12/31/16	12/31/15
U. S. Dollar functional currency subsidiaries	\$ 853,067	\$ 779,000	\$ 585,062
Mexican Peso functional currency subsidiaries	26,478	34,012	31,713

For the Company's U.S. Dollar functional currency subsidiaries their Mexican Peso balances include: bank accounts and short-term investments, VAT, income tax receivables or payables, prepaid expenses, guarantee deposits, intercompany loans, long-term debt, trade accounts payable and other tax withholdings.

For the Company's Mexican peso functional currency subsidiaries, their U.S. Dollar balances include: bank accounts, intercompany loans, trade accounts receivables or payables and provisions.

Exchange rates in effect as of the date of the Consolidated Financial Statements and their issuance date are as follows:

	Mexican Pesos			
	12/31/17	12/31/16	12/31/15	03/01/18
One U.S. Dollar	\$ 19.7354	\$ 20.6640	\$ 17.2065	\$ 18.7902

24.7.1. Foreign currency sensitivity analysis

The Company's account balances disclosed in Note 24.7. are exposed to the Mexican Peso for its U.S. Dollar functional currency subsidiaries and to the U.S. Dollar for its Mexican Peso functional currency subsidiaries.

The following table details the Company's profit and OCI sensitivity to a 10 percent increase and decrease in the U.S. Dollar against the Mexican Peso. The sensitivity rate used to report foreign currency risk internally to key Company's management is 10 percent, which represents management's benchmark of the possible change in foreign exchange rates. The sensitivity analysis includes only outstanding foreign currency denominated monetary items and adjusts their translation at the period end for a 10 percent change in foreign currency rates. The sensitivity analysis includes intercompany loans where the denomination of the loan is in a currency other than the functional currency of the lender or the borrower.

A negative number below indicates a decrease in profit or equity where the U.S. Dollar strengthens 10 percent against the Mexican Peso for U.S. Dollar functional currency subsidiaries. For a 10 percent weakening of the U.S. Dollar against the Mexican Peso, there would be a comparable impact on the profit or equity, and the balances below would be positive.

For U.S. Dollar functional currency entities, the sensitivity analysis to changes in the Mexican Peso to U. S. Dollar exchange rate is determined on a pre-tax basis due to the complexity of determining the tax impacts (tax laws recognize taxable or deductible exchange gains and losses based on the U.S. Dollar monetary position, regardless of the functional currency).

For Mexican Peso functional currency subsidiaries, a positive number below indicates an increase in profit or equity where the U.S. Dollar strengthens 10 percent against the Mexican Peso. For a 10 percent weakening of the U.S. Dollar against the Mexican Peso, there would be a comparable impact on the profit or equity, and the balances below would be negative.

	U.S. Dollar functional currency			Mexican Peso functional		
	2017	2016	2015	2017	2016	2015
Profit (loss) (i)	\$ 6,811	\$ 38,662	\$ 27,061	\$ (453)	\$ 898	\$ 94
OCI	—	—	—	2,580	(9,486)	(5,692)

(i) This is mainly attributable to the exposure to outstanding Mexican Peso receivables in the U.S. Dollar functional currency subsidiaries at the end of each reporting period.

The U.S. Dollars functional currency subsidiaries sensitivity to foreign currency decreased mainly due to higher intercompany loans with unconsolidated affiliates.

The Mexican Peso functional currency subsidiaries sensitivity to foreign currency has decreased mainly due to lower trade and other trade receivables balances.

24.8. Interest rate risk management

In September 2005, the Company entered into derivative transactions to hedge future interest payments associated with forecasted borrowings of \$450.0 million from third parties for BCA, which were designated as cash flow hedges. In 2007, the original hedged items became probable of not occurring due to a change in the Company's external borrowing needs. Accordingly, a cash flow hedge gain of \$30.0 million was reclassified from OCI in members' equity to current earnings, and changes in the fair value of these instruments were recognized in current earnings prospectively within other gains and losses line item. As of December 31, 2014, there was one remaining interest-rate swap agreement with a notional amount of \$151.2 million under which IEnova received a variable interest rate (three-month LIBOR) and paid a fixed interest rate of 5 percent.

The original terms of the swap expire on December 15, 2027. On September 16, 2015, the Company, through an early termination clause, made a prepayment in the amount of \$29.8 million and as a result, such derivative was cancelled. The one-year VaR information related to the interest rate swap is included in Note 24.5.

24.8.1. Interest rate swaps contracts entered into by the Company's joint ventures

As described in Note 10.2.b. the joint venture with InterGen entered into a swap contract that effectively hedges the interest rate risk due to variable rate financings.

As described in Note 10.5.b. the joint venture with Pemex TRI entered into swap contract that effectively hedges the interest rate risk due to variable rate financings.

The fair value of derivative instruments is based on the market values in place as of the date of the Consolidated Financial Statements, which impacts investment in joint venture with a debit to current earnings.

The Company's management considers the results of the sensitivity analysis for these derivatives to be immaterial.

24.9. Credit risk management

Credit risk is the risk of loss that would be incurred as a result of nonperformance of the Company's counterparties contractual obligations. The Company monitors credit risk through a credit-approval process and the assignment and monitoring of credit limits. The Company establishes these credit limits based on risk and return considerations under terms customary for the industry.

As with market risk, the Company has policies and procedures to manage credit risk, which are tailored for each business segment, administered by each subsidiary's respective departments and overseen by their management.

In ECO, depending on the type of service requested by the customer, different criteria are applied as follows:

Minor customers (residential customers for household consumption):

- Copy of official identification;
- Proof of residence or power of attorney from landlord, in case of rental residences;
- Personal references, (which are confirmed); and,
- Registration with tax agency for commercial customers with minor consumption

Major customers (customers for industrial and commercial consumption):

- Power of attorney;
- Legal representative official identification;
- Copy of articles of incorporation;
- Proof of address; and,
- Depending on consumption volume, a guarantee is required, which could include letter of credit, cash deposit, or promissory notes among others.

The oversight includes a monthly review of 100 percent of the balances of major customers by the credit and collection department, to make sure that payments are made on a timely manner and to ensure that they are in compliance with the agreed terms of their contract.

The Company believes that it has allocated adequate reserves for counterparty's nonperformance.

For all other entities of the Gas and Power segments, when the Company's development projects become operational, they rely significantly on the ability of their suppliers to perform on long-term agreements and on the ability to enforce contract terms in the event of nonperformance.

Also, the factors that the Company considers in evaluating a development project include negotiating customer and supplier agreements and, therefore, rely on these agreements for future performance.

24.9.1. Concentration of credit risk

GRO and TGN (both merged into GAP) conduct their businesses based upon ongoing evaluations of their customers' financial conditions and certain guarantees, except when such clients qualify for credit based on their long-term debt credit ratings issued by S&P's or other credit rating agency in the U. S. or Canada.

GRO's management believes that the risk arising from its concentration of credit is mitigated since all customers pay on a monthly basis, otherwise service can be suspended until due amounts are collected.

TGN provides transportation services mainly to one sole customer. TGN's management believes that a concentration of credit risk is mitigated since its customer pays on a monthly basis, otherwise service can be suspended until due amounts are collected.

IEnova Marketing sells natural gas and provides transportation services to some customers. IEnova Marketing's management believes that although a potential concentration of credit risk is present, this risk is mitigated since one of its customers is a governmental entity and another is a related party. Additionally, all customers pay on a monthly basis, otherwise service can be suspended until due amounts are collected.

ECA provides LNG storage and regasification services to IEnova Marketing and two other third parties. ECA's management believes that although a concentration of credit risk may exist, this risk is mitigated based on the creditworthiness of its customers and the related party nature of one of its contractual arrangements.

GAP provides transportation services mainly to a one sole customer. GAP's management believes that its credit risk is mitigated since the customers is a governmental entity with high credit rating and pays on a monthly basis.

The following table shows the Company's revenue concentration by customer:

	Segment	12/31/17	12/31/16	12/31/15
Customer 1	Gas	\$ 317,055	\$ 226,496	\$ 197,559
Customer 2	Gas	168,937	40,592	—
Customer 3	Gas	114,093	30,040	—
Customer 4	Gas	103,043	101,999	51,683
Customer 5	Gas	87,160	88,646	89,037
Customer 6	Gas	78,940	61,416	—
Customer 7	Gas	36,397	35,838	—
Customer 8	Power	35,389	3,594	—
Customer 9 *	Power	—	—	83,667
Customer 10	Gas	—	—	49,138
Others **		225,512	129,273	141,957
		<u>\$ 1,166,526</u>	<u>\$ 717,894</u>	<u>\$ 613,041</u>

* Please refer to Note 12.

** Within others, there are no customers with revenue concentration greater than 10 percent.

As mentioned above, all major customers pay on a monthly basis, otherwise service can be suspended until due amounts are collected, and as a result, the Company's management does not estimate the Company is exposed to significant credit risks.

The Company's maximum credit risk exposure as of December 31, 2017, 2016 and 2015, was \$313.6 million, \$190.2 million and \$172.2 million, respectively.

24.10. Liquidity risk management

Ultimate responsibility for liquidity risk management rests with the Parent's directors and IEnova's key executives, who have established an appropriate liquidity risk management framework for management of the Company's funding and liquidity management requirements. As of December 31, 2017 the projects were funded with resources obtained from the Global Offering (Note 1.2.6.), unconsolidated affiliates loans and bank financing. The Company's current liabilities exceed its current assets mainly due to loan from unconsolidated affiliates and short-term debt. As explained in Note 21., the Company had \$1,033.0 million of unused lines of credits with banks and \$7,600 million Mexican Pesos available approximately under the current authorized CEBURES program at the Mexican Stock Exchange by the Comision Nacional Bancaria y de Valores ("CNBV").

24.10.1. Liquidity and interest risk tables

The following tables detail the Company's remaining contractual maturity for its non-derivative financial liabilities with agreed repayment periods. The tables have been drawn up based on the undiscounted cash flows of financial liabilities based on contractual maturity, which is the earliest date on which the Company can be required to pay. The tables include both interest and principal cash flows. To the extent that interest flows are floating rate, the undiscounted amount is derived from interest rate at the end of the reporting period.

	Weighted average effective interest	Less than 1 year	1-3 years	3-5 years	5+ years	Total
December 31, 2017						
Variable interest rate from banks (SMBC)		\$ 137,053	\$ —	\$ —	\$ —	\$ 137,053
Variable interest rate from banks (Senior Notes 10 years)	3.75	6,563	33,750	56,250	316,875	413,438
Variable interest rate from banks (Senior Notes 30 years)	4.88	15,356	78,975	131,625	1,105,988	1,331,944
Variable interest rate of short-term debt (Note 23.)	4.14	65,871	—	—	—	65,871
Fixed interest rate of long-term debt (Note 23.)	6.30	12,623	37,868	211,378	—	261,869
Variable interest rate loan from banks (Ventika)	5.60	48,211	76,868	210,235	472,467	807,781
Variable interest rate loan from banks (IEnova Pipelines)	4.63	53,642	39,034	341,697	—	434,373
		<u>\$ 339,319</u>	<u>\$ 266,495</u>	<u>\$ 951,185</u>	<u>\$ 1,895,330</u>	<u>\$3,452,329</u>
December 31, 2016						
Variable interest rate from banks (SMBC)		\$ 442,560	\$ —	\$ —	\$ —	\$ 442,560
Variable interest rate of short-term debt (Note 23.)	4.14	2,512	57,613	—	—	60,125
Fixed interest rate of long-term debt (Note 23.)	6.30	12,055	36,166	24,111	177,769	250,101
Variable interest rate loan from banks (Ventika)	5.59	38,767	75,855	50,570	645,630	810,822
Variable interest rate loan from banks (IEnova Pipelines)	4.63	53,576	44,682	29,788	361,961	490,007
		<u>\$ 549,470</u>	<u>\$ 214,316</u>	<u>\$ 104,469</u>	<u>\$ 1,185,360</u>	<u>\$2,053,615</u>

	Weighted average effective interest	Less than 1 year	1-3 years	3-5 years	5+ years	Total
December 31, 2015						
Non-interest bearing		\$ 19,494	\$ —	\$ —	\$ —	\$ 19,494
Variable interest rate loans from unconsolidated affiliates	1.75	122,129	—	—	—	122,129
Variable interest rate loan from unconsolidated affiliates	1.54	223,029	—	—	—	223,029
Variable interest rate short term debt (Note 21.)	1.28	92,523	—	—	—	92,523
Variable interest rate of long-term debt (Note 23.)	4.52	3,439	6,879	6,879	85,610	102,807
Fixed interest rate of long-term debt (Note 23.)	6.30	14,368	28,736	226,480	—	269,584
Variable interest rate loan from SOT Suisse	3.28	1,285	2,570	33,599	—	37,454
		<u>\$ 476,267</u>	<u>\$ 38,185</u>	<u>\$ 266,958</u>	<u>\$ 85,610</u>	<u>\$ 867,020</u>

Prepayments on intercompany loans can be made at the Company's discretion.

The following table details the Company's liquidity analysis for its derivative financial instruments. The table has been drawn-up based on the undiscounted contractual net cash inflows and outflows on derivative instruments that settle on a net basis. When the amount payable or receivable is not fixed, the amount disclosed has been determined by reference to the projected interest rates or commodity prices forward curves at the end of the reporting period.

	Less than 1 year	1-2 years	3-5 years	5+ years	Total
December 31, 2017					
Net settled:					
- Interest rate swaps, cross currency swap, exchange rate	<u>\$ (38,978)</u>	<u>\$ (3,032)</u>	<u>\$ (12,579)</u>	<u>\$ (141,516)</u>	<u>\$ (196,105)</u>
	<u>\$ (38,978)</u>	<u>\$ (3,032)</u>	<u>\$ (12,579)</u>	<u>\$ (141,516)</u>	<u>\$ (196,105)</u>

	Less than 1 year	1-2 years	3-5 years	5+ years	Total
December 31, 2016					
Net settled:					
- Interest rate swaps, cross currency swap, exchange rate	\$ (3,848)	\$ (54,361)	\$ (13,089)	\$ (146,824)	\$ (218,122)
	<u>\$ (3,848)</u>	<u>\$ (54,361)</u>	<u>\$ (13,089)</u>	<u>\$ (146,824)</u>	<u>\$ (218,122)</u>
	Less than 1 year	1-2 years	3-5 years	5+ years	Total
December 31, 2015					
Net settled:					
- Interest rate swaps, exchange rate	\$ 2,062	\$ (27,032)	\$ (1,661)	\$ (106,759)	\$ (133,390)
	<u>\$ 2,062</u>	<u>\$ (27,032)</u>	<u>\$ (1,661)</u>	<u>\$ (106,759)</u>	<u>\$ (133,390)</u>

24.11. Fair value of financial instruments

24.11.1. Fair value of financial instruments carried at amortized cost

Except as detailed in the following table, management considers that the carrying amounts of financial assets and financial liabilities recognized in the Consolidated Financial Statements approximate their fair values.

	As of					
	12/31/17		12/31/16		12/31/15	
	Carrying amount	Fair value	Carrying amount	Fair Value	Carrying amount	Fair value
Financial assets						
Financial lease receivables	\$ 950,310	\$ 950,310	\$ 957,466	\$ 995,096	\$ 14,510	\$ 57,125
Due from unconsolidated affiliates	491,422	552,152	94,264	90,989	—	—
Financial liabilities						
Financial liabilities held at amortized cost:						
- Long-term debt (traded in stock exchange)	1,037,614	998,995	249,744	232,812	299,925	289,955
- Loans from banks long-term	728,423	849,486	790,060	678,649	—	—
- Loans from unconsolidated affiliates (Short- term)	509,800	509,800	248,580	245,255	339,600	334,431
- Short-term debt	266,143	266,090	493,571	487,252	88,507	90,035
- Loans from unconsolidated affiliates (Long- term)	73,460	69,967	3,080	3,080	38,460	37,704

24.11.2. Valuation techniques and assumptions applied for the purposes of measuring fair value

The fair values of financial assets and financial liabilities are determined as follows:

- The fair value of finance lease receivables is determined by calculating the present value of the minimum lease payments, including the contract extension period, using the discount rate that represents the Company's internal rate of return on capital investments.
- The Company determined the fair value of its long-term debt using prices quoted on recognized markets.
- For financial liabilities other than long-term debt, the Company determined the fair value of its financial liabilities carried at amortized cost by determining their present value as of each period end. The risk free interest rate used to discount to present value is adjusted to reflect the Company's own credit risk.
- The fair value of commodity and other derivative positions, which include interest rate swaps, are determined using market participant assumptions to price these derivatives. Market participants' assumptions include those about risk, and the risk inherent in the inputs to the valuation technique. These inputs can be readily observable, market corroborated, or generally unobservable.

Significant assumptions used by the Company in determining the fair value of the following financial assets and liabilities are set out below:

Finance lease receivables. The fair value of finance lease receivables is estimated to be \$950.0 million, \$995.1 million and \$57.1 million as of December 31, 2017, 2016 and 2015, respectively, using the risk-free interest rate adjusted to reflect the Company's own credit risk.

24.11.3. Fair value measurements recognized in the Consolidated Statements of Financial Position

The Company applies recurring fair value measurements to certain assets and liabilities. "Fair value" is defined in Note 2.2.b.

A fair value measurement reflects the assumptions market participants would use in pricing an asset or liability based on the best available information. These assumptions include the risk inherent in a particular valuation technique (such as a pricing model) and the risks inherent in the inputs to the model. Also, management considers the Company's credit standing when measuring its liabilities at fair value.

The Company establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy are as follows:

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active markets for identical assets or liabilities as of the reporting date. Active markets are those in which transactions for the asset or liability occur in sufficient frequency and volume to provide pricing information on an ongoing basis;
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within Level 1 that are observable for the asset or liability as of reporting date, either directly or indirectly.

- Level 3 fair value measurements are those derived from valuation techniques that include inputs for the asset or liability that are not based on observable market data and are generally less observable from objective sources.

The assets and liabilities of the Company that were recorded at fair value on a recurring basis are listed in the following table and were classified as Level 1 and 2 in the fair value hierarchy as shown below:

	12/31/17	As of 12/31/16	12/31/15
Financial assets at FVTPL			
Short-term investments (Level 1)*	\$ 56,901	\$ 51,443	\$ 20,068
Derivative financial assets (Level 2)	8,065	8,040	1,926
Financial liabilities at FVTPL			
Derivative financial liabilities (Level 2)	204,170	226,161	133,056

The Company does not have financial assets or liabilities classified as Level 3 and there were no transfers between Level 1 and 2 during the reporting periods presented.

* The short term investments include restricted cash by \$55.8 million and \$51.4 million as of December 31, 2017 and 2016, respectively.

24.11.4. Commodities and other derivative positions

The Company enters into derivative financial instrument agreements to hedge the volatility of its income tax impact attributable to the fluctuation of the Mexican Peso relative to the U.S. Dollar. Certain monetary assets and liabilities of the Company are denominated in U.S. Dollars (functional currency); however, they are remeasured in Mexican Pesos throughout the year for Mexican tax purposes. The remeasurement of these assets and liabilities gives rise to foreign currency gains and losses for Mexican tax purposes and impacts the Mexican income tax liability.

The Company recognized the change in fair value and the settlements in the "cost of revenue" line item within the Consolidated Statements of Profit.

25. Income taxes

The Company is subject to ISR. The rate of current income is 30 percent.

25.1. Income taxes recognized in the consolidated statements of profit:

	12/31/17	As of 12/31/16	12/31/15
Current income tax:			
ISR	\$ (39,224)	\$ (100,036)	\$ (73,704)
IETU-IMPAC	(205)	—	(226)
	<u>(39,429)</u>	<u>(100,036)</u>	<u>(73,930)</u>
Deferred income tax:			
Deferred income tax	(70,234)	(47,122)	(20,307)
Total taxes in the Consolidated Statements of Profit	<u>\$ (109,663)</u>	<u>\$ (147,158)</u>	<u>\$ (94,237)</u>

Income tax expense is reconciled with the profit before tax as follows:

	12/31/17	Year ended 12/31/16	12/31/15
Profit before income tax and share of profits of joint ventures	\$ 475,564	\$ 971,639	\$ 206,904
Income tax expense calculated at 30%	(142,669)	(291,492)	(62,071)
Non-deductible expenses	(2,770)	(2,456)	(1,368)
Effects of foreign exchange rate	(18,631)	38,750	27,340
Effects of inflation adjustment	(32,283)	(8,889)	(2,930)
Effect of unused tax losses not recognized as deferred income tax asset	—	(23)	(22)
Effect of the remeasurement of equity method investment	—	201,921	—
Non-taxable income	244	917	328
Effect of foreign exchange rate and inflation on the tax bases of property, plant and equipment, net and unused tax losses	94,728	(83,055)	(55,188)
Other	(8,282)	(2,831)	(326)
Income tax expense recognized in the Consolidated Statements of Profit	<u>\$ (109,663)</u>	<u>\$ (147,158)</u>	<u>\$ (94,237)</u>

The change in the effective tax rates was mainly attributable to the following:

- The effect of foreign currency exchange gains or losses is being calculated on Mexican Pesos balances for financial reporting purposes, while the Mexican income tax law recognizes foreign exchange gains or losses on U. S. Dollar balances.
- The effect of exchange rate changes in the tax basis of property, plant and equipment, which are valued in Mexican Pesos for tax purposes, while maintained in U. S. Dollars (functional currency) for financial reporting purposes. In addition, the Mexican income tax law takes into account the effects of inflation on such tax basis.
- The inflationary effects relative to certain monetary assets and liabilities.

25.2. Income tax recognized directly in common stock and OCI

	12/31/17	Year ended 12/31/16	12/31/15
Recognized directly in common stock:			
Issuance or ordinary shares under IPO and Follow-on	\$ 17,851	\$ 10,463	\$ 7,388
Recognized directly in OCI:			
Tax related to actuarial gain (loss) on defined benefit plans	(211)	(530)	538
Tax on valuation of financial instruments held for hedging purposes	(2,357)	(5,459)	3,589
Total of income tax recognized directly in common stock and OCI	<u>\$ 15,283</u>	<u>\$ 4,474</u>	<u>\$ 11,515</u>

25.3. Deferred income tax assets and liabilities balances

The following is the analysis of deferred income tax assets (liabilities) presented in the Consolidated Statements of Financial Position:

	12/31/17	As of 12/31/16	12/31/15
Deferred income tax assets:			
Benefit of tax-loss carry forwards for recovering income taxes paid in previous years	\$ 171,015	\$ 265,310	\$ 132,973
Accrued expenses and provisions	43,381	28,940	17,182
Effect of business combination Ilenova Gasoductos Mexico	1,453	1,550	1,648
Employee benefits	5,941	4,835	4,245
Asset from dividends not distributed from net income tax account ("CUFIN", by its initials in Spanish)	—	—	1,277
Inventories	2,768	3,861	1,839
Allowance for doubtful accounts	139	123	171
Deferred income tax assets for issuance of ordinary shares under IPO and follow on	17,851	17,851	7,388
Deferred income tax asset regarding valuation of financial instruments held for hedging purposes	10,360	19,899	8,042
Others	—	(1,720)	(631)
Total deferred income tax assets	252,908	340,649	174,134
Deconsolidation effect (a)	(155,574)	(250,961)	(95,169)
Deferred income tax asset	<u>\$ 97,334</u>	<u>\$ 89,688</u>	<u>\$ 78,965</u>
Deferred income tax liabilities:			
Property, plant and equipment	\$ (318,297)	\$ (340,451)	\$ (340,549)
Finance leases	(285,000)	(287,240)	(4,353)
Effect of assets fair value and intangible of Ventika	(86,241)	(88,355)	—
Prepaid expenses	(4,693)	(11,263)	(4,629)
Other	(12,957)	(13,259)	(6,932)
Total deferred income tax liabilities	(707,188)	(740,568)	(356,463)
Deconsolidation effect (a)	155,574	250,961	95,169
Deferred income tax liabilities	<u>\$ (551,614)</u>	<u>\$ (489,607)</u>	<u>\$ (261,294)</u>

(a) The effects of tax deconsolidation in deferred income tax are presented to reflect that the Company no longer has the right to offset income taxes of its subsidiaries and, therefore, they are presented separately in the Consolidated Statements of Financial Position as of December 31, 2017, 2016 and 2015.

25.4. Deferred income tax in the Consolidated Statements of Financial Position

The following is an analysis of the deferred tax assets (liabilities) included in the Consolidated Statements of Financial Position:

	12/31/17	As of 12/31/16	12/31/15
Assets	\$ 97,334	\$ 89,688	\$ 78,965
Liabilities	(551,614)	(489,607)	(261,294)
	<u>\$ (454,280)</u>	<u>\$ (399,919)</u>	<u>\$ (182,329)</u>

Deferred tax assets have been recognized for tax-loss carryforwards and the IMPAC paid which provide for future tax benefits in the form of future deductible amounts and tax credits, respectively, and can be realized subject to compliance with certain requirements. Expiration dates and restated amounts as of December 31, 2017, are as follows:

Years	Tax-Loss Carryforwards	IMPAC Recoverable
2018	\$ 521	\$ 11
2019	1,594	145
2020	1,551	145
2021	1,292	145
2022	511	145
2023	436	145
2024	21,613	145
2025	154,738	145
2026	384,262	145
2027	3,533	145
Thereafter	—	134
	<u>\$ 570,051</u>	<u>\$ 1,450</u>

In determining the deferred income tax as described above, the effects of tax-loss carryforwards and IMPAC paid recoverable were included for \$570.1 million and \$1.5 million, respectively.

25.5. Current tax receivable and payable

	12/31/17	As of 12/31/16	12/31/15
Current tax assets:			
ISR receivable	\$ 81,909	\$ 6,390	\$ 16,226
Current tax liabilities:			
ISR payable	\$ (3,384)	\$ (13,322)	\$ (14,095)

Stockholders' equity

	12/31/17	As of 12/31/16	12/31/15
Common stock	\$ 963,272	\$ 963,272	\$ 762,949
Additional paid-in equity	2,351,801	2,351,801	973,953
	<u>\$ 3,315,073</u>	<u>\$ 3,315,073</u>	<u>\$ 1,736,902</u>

26.1. Issued member's equity is comprised as follows:

Company stockholder's	Number of shares	For the year ended December 31, 2015 (Mexican Pesos)			Total shares in USD
		Fixed shares	Variable shares	Total	
Semco	935,913,312	50,000	9,359,083,120	9,359,133,120	\$ 618,752
Private investors	218,110,500	—	2,181,105,008	2,181,105,008	144,197
	<u>1,154,023,812</u>	<u>50,000</u>	<u>11,540,188,128</u>	<u>11,540,238,128</u>	<u>\$ 762,949</u>

Pursuant to a resolution of the general ordinary member's meeting on February 15, 2013, member's equity increase was approved at \$1.00 Mexican Peso per share, which was subscribed and paid by SEH an unconsolidated affiliate, increasing the value of its social part; also, Company's name change from Sempra Mexico, S. de R. L. de C. V. to "Sociedad Anonima de Capital Variable" ("S. A. de C. V.", Public limited Company) was approved. As a result of such resolution, the change of social parts for shares was performed; as of February 15, 2013, the distribution of such shares was as follows:

Shareholders name	Shares		
	Class I	Class II	Total
Sempra Energy Holdings XI, B.V.	4,990	935,908,312	935,913,302
Sempra Energy Holdings IX, B.V.	10	—	10
	<u>5,000</u>	<u>935,908,312</u>	<u>935,913,312</u>

Shareholder's equity consists of nominative shares with no-par value. The theoretical value per share is \$10.00 Mexican Pesos. The Class I and II represent the fixed and the variable part of shareholder's equity, respectively. Variable capital may be increased without limitation.

On March 6, 2013, BV11 subscribed for a capital increase in Semco (a subsidiary of Sempra Energy), agreeing to pay for such capital increase through a contribution of IEnova's shares in an amount to be determined based on the price per share in the Global Offering, and subject to the shares being duly registered with the Mexican National Securities Registry ("RNV", by its initials in Spanish). On March 21, 2013, the effective date of the Global Offering and registration of IEnova's shares with the RNV, Semco acquired 100-percent of the Shares of SEH pursuant to the above described terms; therefore, beginning on this date, Semco was the new Parent Company of IEnova.

On March 21, 2013, the Company carried out a Global Offering of shares. Through such Global Offering, the Company issued 189,661,305 shares at a placement price of \$34.00 Mexican Pesos per share; such offering included an over-allotment option up to 28,449,196 shares. The amount of this Global Offering was \$520,707 (\$6,448.4 million Mexican Pesos).

In connection with the Global Offering, on March 27, 2013, the underwriters in Mexico and abroad exercised the over-allotment option. The amount of over-allotment was \$78,106.0 (\$967.0 million Mexican Pesos), related to 28,449,196 shares at the placement price of \$34.00 Mexican Pesos per share.

On September 14, 2015, the Ordinary and Extraordinary Shareholder's Meeting approved the proposal of an equity offering through a combined global offering which consists of a public offering in Mexico to the general public and a concurrent international offering as defined by Rule 144A and in Regulation S, under the United States Securities Act of 1933.

In addition an equity increase was approved for up to \$3,300 million Mexican Pesos in Ordinary and Extraordinary Shareholder's Meetings; of which 330 million ordinary shares were issued. As of December 31, 2015, such shares have been neither subscribed nor paid, and therefore no impacts have been reflected in the Consolidated Financial Statements.

26.2. Global Offering

On October 13, 2016, the Company carried out a Global Offering. The Company issued 380,000,000 shares of common stock at \$80.0 Mexican Pesos per share. After the Global Offering, the additional and over-allotment option was exercised, the free float represented approximately 33.57 percent of IEnova's outstanding ownership interest.

Total capital raised, net of offering costs, was approximately \$1.6 billion U. S. Dollars. As a result of the Global Offering, the Company raised \$30,400 million Mexican pesos, net of issuance costs for \$459.3 million Mexican Pesos (\$34.8 million U. S. Dollars). Subsequent to the Company's Global Offering, subscribed and paid common stock of IEnova is represented by a total of 1,534,023,812 shares.

Company stockholder's	Number of shares	For the year ended December 31, 2017 and 2016 (Mexican Pesos)			Total shares in USD
		Fixed shares	Variable shares	Total	
Semco	1,019,038,312	50,000	16,009,083,120	16,009,133,120	\$ 751,825
Private investors	514,985,500	—	25,931,105,000	25,931,105,000	211,447
	<u>1,534,023,812</u>	<u>50,000</u>	<u>41,940,188,120</u>	<u>41,940,238,120</u>	<u>\$ 963,272</u>

27. Declared dividends

During 2017, 2016 and 2015, pursuant to the resolution of Extraordinary Stockholders' Meetings, payments of dividends in cash were approved, to be paid from retained CUFIN balances. Under Mexican tax regulation, dividends paid from CUFIN balances are not taxed, dividends were declared and paid, for the following amounts:

Meeting date	Amount
July 25, 2017 (*)	\$ 200,000
August 9, 2016	\$ 140,000
July 28, 2015	\$ 170,000

(*) Dividends were paid on August 15, 2017.

27.1. Dividends per share

	Cents per share for year ended		
	12/31/17	12/31/16	12/31/15
IEnova	\$ 0.13	\$ 0.11	\$ 0.15

28. Segment information

28.1. Products and services from which reportable segments derive their revenues

Information reported for the purposes of resource allocation and assessment of segment performance focuses on the types of goods or services delivered or provided. The Company's reportable segments are described and presented in Note 1.3.

The following tables show selected information by segment from the Consolidated Statements of Profit and Consolidated Statements of Financial Position.

28.2. Segment revenues and results

The following is an analysis of the Company's revenue and results from continuing operations by reportable segment:

	Segment revenues		
	Year ended		
	12/31/17	12/31/16	12/31/15
Gas:			
Revenues from customers	\$ 961,903	\$ 610,329	\$ 425,618
Revenues from unconsolidated affiliates	103,043	101,998	100,821
Intersegment revenues	241,705	182,542	339,850
Power:			
Revenues from customers	99,721	2,930	—
Corporate:			
Allocation of professional services with affiliates	1,859	2,637	1,766
Intersegment professional services	29,970	29,484	35,527
	1,438,201	929,920	903,582
Intersegment adjustments and eliminations	(271,675)	(212,026)	(290,541)
Total segment revenues	\$ 1,166,526	\$ 717,894	\$ 613,041
	Segment profit		
	Year ended		
	12/31/17	12/31/16	12/31/15
Gas	\$ 470,137	\$ 919,219	\$ 185,313
Power *	(40,970)	(111,749)	(10,626)
Corporate	(74,993)	(52,480)	(34,498)
Total segment profit	\$ 354,174	\$ 754,990	\$ 140,189

*Includes discontinued operations.

Segment profit is the measure reported for the purposes of resource allocation and assessment of segment performance.

28.3. Assets and liabilities by segment

	12/31/17	As of 12/31/16	12/31/15
Assets by segment:			
Gas	\$ 6,385,681	\$ 5,716,175	\$ 2,916,917
Power*	1,170,970	1,241,689	382,763
Corporate	607,208	169,084	207,402
Consolidated total assets	\$ 8,163,859	\$ 7,126,948	\$ 3,507,082
Liabilities by segment:			
Gas	\$ 1,030,611	\$ 983,424	\$ 346,106
Power*	652,502	641,479	66,493
Corporate	1,964,159	1,151,734	914,619
Consolidated total liabilities	\$ 3,647,272	\$ 2,776,637	\$ 1,327,218

*Includes assets and liabilities held for sale.

For the purposes of monitoring segment performance and allocating resources between segments:

- All assets are allocated to reportable segments. Goodwill is allocated to reportable segments.
- All liabilities are allocated to reportable segments.

28.4. Other information by segment

	Property, plant and equipment			Accumulated depreciation		
	As of			As of		
	12/31/17	12/31/16	12/31/15	12/31/17	12/31/16	12/31/15
Gas	\$ 3,569,528	\$ 3,354,683	\$ 2,687,691	\$ (510,744)	\$ (424,639)	\$ (370,690)
Power	686,195	677,440	450,665	(24,885)	(1,807)	(180,461)
Corporate	18,881	16,191	15,048	(9,519)	(7,783)	(6,413)
	\$ 4,274,604	\$ 4,048,314	\$ 3,153,404	\$ (545,148)	\$ (434,229)	\$ (557,564)
	Depreciation and amortization			Additions to property, plant and equipment		
	Year ended			Year ended		
	12/31/17	12/31/16	12/31/15	12/31/17	12/31/16	12/31/15
Gas	\$ 86,182	\$ 60,703	\$ 50,909	\$ 205,452	\$ 692,853	\$ 308,138
Power	31,049	2,134	45	8,373	673,808	6,436
Corporate	1,789	1,547	1,516	3,237	1,376	1,072
	\$ 119,020	\$ 64,384	\$ 52,470	\$ 217,062	\$ 1,368,037	\$ 315,646

	Interest income			Finance (cost) income		
	Year ended			Year ended		
	12/31/17	12/31/16	12/31/15	12/31/17	12/31/16	12/31/15
Gas	\$ 813	\$ 959	\$ 562	\$ 3,371	\$ 23,144	\$ 22,856
Power	963	1,151	1,451	(24,977)	(1,286)	219
Corporate	21,032	4,159	4,688	(51,299)	(42,694)	(32,934)
	<u>\$ 22,808</u>	<u>\$ 6,269</u>	<u>\$ 6,701</u>	<u>\$ (72,905)</u>	<u>\$ (20,836)</u>	<u>\$ (9,859)</u>
	Share of profits of joint ventures			Income tax (expense) benefit		
	Year ended			Year ended		
	12/31/17	12/31/16	12/31/15	12/31/17	12/31/16	12/31/15
Gas	\$ 41,094	\$ 40,284	\$ 41,485	\$ (97,340)	\$ (132,952)	\$ (99,988)
Power	3,583	2,557	834	(9,472)	1,077	2,002
Corporate	—	—	—	(2,851)	(15,283)	3,749
	<u>\$ 44,677</u>	<u>\$ 42,841</u>	<u>\$ 42,319</u>	<u>\$ (109,663)</u>	<u>\$ (147,158)</u>	<u>\$ (94,237)</u>

28.5. Revenue by type of product or services

The following is an analysis of the Company's revenue from its major type of product or service:

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Transportation of gas	\$ 429,273	\$ 171,459	\$ 95,520
Sale of natural gas	241,371	199,126	224,143
Other operating revenues	174,107	157,515	118,315
Natural gas distribution	112,217	89,722	81,411
Storage and regasification capacity	109,837	97,168	93,652
Power generation	99,721	2,904	—
	<u>\$ 1,166,526</u>	<u>\$ 717,894</u>	<u>\$ 613,041</u>

Other operating revenues

(a) IEnova Marketing received payments from SLNGIH and SLNGI related to the losses and obligations incurred in the amount of \$103.0 million, \$102.0 million and \$101.0 million for the years ended December 31, 2017, 2016, and 2015, respectively; such balances are presented within the revenues line item in the Consolidated Statements of Profit.

(b) The Company reported damage and declared a force majeure event for the Guaymas-El Oro segment of the Sonora pipeline in the Yaqui territory that has interrupted its operations since August 23, 2017. There is no material economic impact due to this event. The Sasabe-Puerto Libertad-Guaymas segment remains in full operation.

29. Interest income

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Interest income:			
Bank investments	\$ 1,157	\$ 1,071	\$ 610
Unconsolidated affiliates	21,651	5,198	6,091
	<u>\$ 22,808</u>	<u>\$ 6,269</u>	<u>\$ 6,701</u>

The following is an analysis of interest income by category of asset:

	12/31/17 (Note 12)	As of 12/31/16 (Note 12)	12/31/15 (Note 12)
Held-to-maturity investments	\$ 1,157	\$ 1,071	\$ 610
Loans and receivables (including cash and bank balances)	21,651	5,198	6,091
	<u>\$ 22,808</u>	<u>\$ 6,269</u>	<u>\$ 6,701</u>

30. Operating, administrative and other expenses

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Employee benefits expenses	\$ 74,917	\$ 50,957	\$ 42,904
Purchased services	66,845	38,565	25,195
Outside services and others	19,634	9,296	6,274
Purchased materials	15,397	5,936	7,484
	<u>\$ 176,793</u>	<u>\$ 104,754</u>	<u>\$ 81,857</u>

Outside services and others include charges related to leases of land and buildings with lease terms between five and ten years. Operating lease contracts greater than five years includes review periods of five years to rent.

The Company does not have an option to purchase the leased land at the end of the leasing periods.

31. Other (losses) gains, net

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Net foreign exchange (losses) gains (a)	\$ (37,643)	\$ 6,295	\$ (6,709)
Net loss arising on derivative financial instruments (b)	(6,135)	(3,477)	(5,663)
Other gains (losses)	2,188	(650)	946
	<u>\$ (41,590)</u>	<u>\$ 2,168</u>	<u>\$ (11,426)</u>

(a) In 2017, a foreign exchange loss by \$34.9 million on a peso-denominated inter-affiliate loan granted to IMG for the development of the South Texas - Tuxpan marine pipeline project for our proportionate share of the project's financing. (Please refer to Note 10.3 a.)

(b) The amount represents a change in fair value arising from the cross currency swaps, interest rates swaps and foreign exchange forwards and the related settlements. (Please refer to Note 24.)

32. Finance costs

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Capitalized interest (a)	\$ 10,181	\$ 14,876	\$ 14,881
Decommissioning liabilities accretion expense	(1,983)	(1,431)	(1,354)
Other finance costs	(5,037)	(3,864)	(1,804)
Interest on loans from unconsolidated affiliates	(8,004)	(17,268)	(3,215)
Interest of long-term loan	(68,062)	(13,149)	(18,367)
	<u>\$ (72,905)</u>	<u>\$ (20,836)</u>	<u>\$ (9,859)</u>

(a) Please refer to Note 14., for the capitalized interest on qualified assets.

33. Depreciation and amortization

	12/31/17 (Note 12)	Year ended 12/31/16 (Note 12)	12/31/15 (Note 12)
Depreciation of property, plant and equipment	\$ 110,461	\$ 63,269	\$ 51,680
Amortization of other assets	8,559	1,115	790
Total depreciation and amortization expense	<u>\$ 119,020</u>	<u>\$ 64,384</u>	<u>\$ 52,470</u>

34. Basic and diluted earnings per share from continued and discontinued operation

	12/31/17	Year ended 12/31/16	12/31/15
From continuing operations:			
Basic and diluted earnings per share	<u>\$ 0.27</u>	<u>\$ 0.70</u>	<u>\$ 0.13</u>
From continuing and discontinued operations:			
Basic and diluted earnings per share	<u>\$ 0.23</u>	<u>\$ 0.61</u>	<u>\$ 0.12</u>

34.1. Earnings used in the calculation of basic and diluted earnings per share

The earnings and weighted average number of shares used in the calculation of basic and diluted earnings per share are as follows:

	12/31/17	Year ended 12/31/16	12/31/15
Earnings from continuing operations used in the calculation of basic and diluted earnings per share	<u>\$ 410,578</u>	<u>\$ 867,322</u>	<u>\$ 154,986</u>
Earnings from continuing and discontinued operations used in the calculation of basic and diluted earnings per share	<u>\$ 354,174</u>	<u>\$ 754,990</u>	<u>\$ 140,189</u>
Weighted average number of shares for the purposes of basic and diluted earnings per share	<u>1,534,023,812</u>	<u>1,235,758,229</u>	<u>1,154,023,812</u>

The Company does not have potentially diluted shares.

35. Commitments**35.1. Sales commitments**

- GRO has entered into firm transportation service agreements ("FTSAs") with eight customers. Under the FTSAs, the Company is committed to provide firm natural gas transportation service up to certain daily quantities of natural gas, defined as Maximum Daily Quantities ("MDQ") measured in dekatherms per day ("Dth/d"). The FTSAs establish a transportation service rate which can be a conventional rate or a regulated rate. Such rates are applied to customers' reserved daily transportation capacity. Conventional rates typically remain fixed during the term of the contract. The regulated rates are adjusted annually for inflation and other factors per regulations and the CRE authorization. The range of effective periods and the agreed-upon MDQ for each agreement described above are from 5 to 25 years and from 800 to 1,307,000 Dth/d, respectively.
- TGN entered into FTSAs with two clients. Through FTSAs the Company commits to surrender transportation services up to a certain daily amount of natural gas. The FTSAs establish conventional or regulated transportation rates.
- ECA has a contract to sell 50 percent of the LNG Terminal's capacity to a third party for 20 years commencing in May 2008. As of April 2009, the customer assigned a portion of its contracted capacity to another independent third party.
- ECA built a nitrogen facility to provide nitrogen injection services to agreed storage capacity parties. Agreement terms were embedded into the LNG Terminal's FTSAs with same period term of 20 year.
- GAP entered into a 25 year capacity contract with CFE corresponding to segment Sasabe Guaymas, which started operations in December 2014 and has a capacity of 793,100 Dth/d.
- GAP entered into a 25 year capacity contract with CFE related to next segments:

	Sasabe Puerto Libertad	Puerto Libertad Guaymas	San Isidro Samalayuca	Guaymas El Oro	Ojianga El Encino
Capacity	793.1 Dth/d	1,169.02 Dth/d	525.3 Dth/d	1,396.7 Dth/d	
Started Operation	10/01/2015	08/01/2015	03/31/2017	05/19/2017	06/30/2017
Zone	Sonora	Chihuahua	Sonora and Sinaloa	Chihuahua	

- GAP entered into a 21 year capacity contract with CFE corresponding to segment El Ramal Empalme which started operations in June 2017 and has a capacity of 232.8 Dth/d. This agreement was executed on May 5, 2016.
- GAP has entered into Interruptible Transportation and Compression of natural gas Service Agreements ("ITSAs") with Shell Trading Mexico, S. de R. L. de C. V. Under the ITSAs, the Company is committed to provide interruptible natural gas transportation service up to 1,000 Dth/d defined as MDQ. The ITSAs establish a transportation service rate which has to be approved by CRE. This agreement was executed on May 15, 2017 and will continue in full force until May 15, 2022.
- GAP has entered into ITSAs with Union Energetica del Noroeste, S. A de C. V. Under the ITSAs, the Company is committed to provide interruptible natural gas transportation service up to 3,600 Dth/d defined as MDQ. The customer will pay the regulated fee applicable in accordance with the latest publication by the Official Gazette of the Federation and according to the modifications approved by the CRE. This agreement will be valid as of the date on which the customer notifies to GAP that is ready to start the natural gas tests and will be in force until such tests are concluded. This agreement was executed on January 4, 2017.

- j. IEnova Pipelines has entered into ITSAs with two customers. Under the ITSAs, the Company is committed to provide interruptible natural gas transportation and compression service up to certain daily quantities of natural gas, defined as MDQ measured in Gigacalories per day ("Gcal/d"). The ITSAs establish a transportation and compression service rate published in the Official Gazette of the Federation in accordance with the applicable regulations. The range of effective periods and the agreed-upon MDQ for each agreement described above are from one to three years and from 3,822 to 10,000 Gcal/d respectively. The agreements were executed on March 22, 2017 and April 19, 2017, and will continue in full force until March 22, 2018 and April 30, 2020, respectively.
- k. IEnova Pipelines has entered into ITSAs with MGC Mexico, S. A. de C. V. Under the ITSAs, the Company is committed to provide interruptible natural gas transportation service up to 630 Gcal/d defined as MDQ. The ITSAs establish a transportation service rate published in the Official Gazette of the Federation in accordance with the applicable regulations. The agreements were executed on April 1, 2017 and will continue in full force until March 31, 2018.
- l. Energia Sierra Juarez Holding, S. A. de C. V. ("ESJH") entered into an Electricity Sales and Purchase Agreement ("SPA") with CFE for 15 years and has a contracted energy of 114,115.9 MWh by year and shall take effect from Commercial Operation Date ("COD") which is on June 15, 2019; the contract was executed on January 20, 2017.
- m. ESJH signed a Clean Energy Certificates ("CEC") SPA with CFE for 20 years. During this period ESJH acquired the obligation to sell to CFE 117,064 CEC per year. This commitment will take effect from COD which is on June 15, 2019; the contract was executed on January 20, 2017.
- n. ESJRenovable I, S. de R. L. de C. V. ("ESJRI") entered into an Electricity SPA with CFE for 15 years and has contracted energy of 278,357.76 MWh per year and shall take effect from COD which is on June 15, 2019; the contract was executed on January 20, 2017.
- o. ESJRI entered into an Power SPA with CFE for 15 years and has a contracted power of 10 MW per year and shall take effect from COD which is on June 15, 2019; the contract was executed on as of January 20, 2017.
- p. ESJRI signed a CEC with CFE for 20 years, during this period ESJRI acquired the obligation to sell to CFE 285,606 CEC per year, this commitment will take effect from COD which is on June 15, 2019; the contract was executed on January 20, 2017.
- q. ESJRenovable II, S. de R. L. de C. V. ("ESJRII") entered into an electricity, power and CEC with Deacero, this contract will enter into force on March 24, 2017 and will have a duration of 20 years counted from the COD which is October 1, 2018.
- ESJRII must deliver for each contract year at least the amount of CEC corresponding to the guaranteed Energy that will be one CEC per MWh and is obligated to transfer the net power of the power plant which is 110 MW.
- r. ESJRenovable III, S. de R. L. de C. V. ("ESJRIII") signed the Veracruz terminal services agreement with Valero dated as of July 29, 2017. With effect from and including the COD, the Company will provide to the customer the terminal services for the reception, storage and delivery of refined products. The COD is expected to take place in December 2018 and include 775,000 barrels of shell storage capacity. The initial term of this agreement shall commence on the COD and shall run for a period of 10 years.
- s. IEnova Gas, S. de R. L. de C. V. ("IG") signed the Puebla terminal services agreement with Valero dated as of July 29, 2017. With effect from and including the COD, the Company will provide to the customer the terminal services for the reception, storage and delivery of refined products. The COD shall mean, among others, has tankage availability of 480,000 barrels of shell capacity. The parties expect the COD to occur twenty two months after the effective date. The initial term of this agreement shall commence on the COD and shall run for a period of ten years.
- t. Gasoductos Servicios Corporativos, S. de R. L. de C. V. ("GSC") signed the Mexico City terminal services agreement with Valero dated as of July 29, 2017. With effect from and including the COD, the Company will provide to the customer the terminal services for the reception, storage and delivery of refined products. The COD shall mean, among others, has tankage availability of 780,000 barrels of shell capacity.

The parties expect the COD to occur twenty two months after the effective date. The initial term of this agreement shall commence on the COD and shall run for a period of 10 years.

- u. On July 1, 2008, IEnova Marketing entered into a contract with CFE, for supply natural gas at the delivery points from an LNG Storage Plant, the contract ends on December 31, 2022, equivalent to 14.5 years.
- v. IEnova Marketing has entered into a base contract for sale and purchase of natural gas (the "Base Contract"), through this contract IEnova Marketing celebrated a Supply Agreement with several clients to supply natural gas. The terms and conditions of the Supply Agreement are variable for each customer. As of December 31, 2017, IEnova Marketing support seven ongoing supply agreements with an average maturity less of 5 years.

35.2 Purchase commitments

- a. ESJH and Ejido de Sierra Juarez entered into a land lease agreement under which ESJH acquired rights to use land for generating and transmitting electricity using wind turbines. ESJH is obligated to make quarterly payments of \$74.0 during the first 10 years or until the start of commercial operations. In addition, \$294.0 is due at the beginning of excavation for turbine foundations for the first block with a capacity not greater than 100 MW, and \$71.0 is due at the beginning of excavation for turbine foundations for each additional block of 100 MW. If commercial generation of wind power is successfully developed, ESJH will also pay a leasing fee equal to the greater of \$75.0 or 3.5 percent of gross revenues from the sale of electricity for the remainder of the term.

During 2017, 2016 and 2015, payments under the agreements were \$0.3 million, \$0.3 million and \$0.3 million, respectively. This agreement ended in 2017.

- b. In 2017, ESJH and ESJRII entered into several land leases for the development and construction of two photovoltaic solar power systems in Baja California and Sonora, Mexico, respectively. The agreements are a 20-year term. During 2017, payments under the agreements were \$306.0. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 323
2019	306
2020	306
Thereafter	4,902
	<u>\$ 5,837</u>

- c. The Company leases the building space of its administrative offices in the cities of Tijuana, Hermosillo, Monterrey, Guadalajara, Mexicali, Chihuahua, Durango, and Mexico City. During 2017, 2016 and 2015, the rent expense amounted to \$3.7 million \$4.2 million and \$2.3 million, respectively.

The leases expire in 2016 through 2021 and establish the following future contractual payments:

Year	Amount
2018	\$ 3,073
2019	1,907
2020	517
Thereafter	947
	<u>\$ 6,444</u>

- d. During 2003, TDM entered into a Long Term Services Agreement ("LTSA") with a third party, which covers certain periodic maintenance, including replacement parts for power generation turbines. The term of the agreement is based on turbine usage, that can not exceed 24 years.

Payments under the agreement consist of a fixed fee of \$24.0 per month, plus a variable escalation percentage and a variable fee based upon unit run-hours and starts.

The fixed monthly fee payments are expensed as incurred. The variable payments are classified as prepayments on the statements of financial position and are capitalized as property, plant and equipment if they relate to the replacement of major components, or expensed when such payments occur. While some services are provided ratably throughout the year, the primary cost driver is planned outages at the facility. Variable payments are subject to fluctuations based on the timing and scope of the services being provided.

During 2017, 2016 and 2015, payments, under the LTSA, were \$0.4 million, \$0.5 million and \$0.3 million, respectively; variable payments under such LTSA were \$4.3 million, \$6.1 million and \$3.8 million, respectively.

Future contractual cash payments under the LTSA are as follows:

Year	Amount
2018	\$ 397
2019	397
2020	397
Thereafter	397
	<u>\$ 1,588</u>

- e. ECA entered into a service agreement with Turbinas Solar, S. A. de C. V. ("Turbinas Solar") which provides extended service and maintenance for five gas turbines. As of April, 2014 Turbinas Solar assigned this agreement to Servicios de Turbinas Solar, S. A. de C. V. The agreement establishes two main types of services: a monthly fee covers operational support and extended product warranty for \$124.4 million and a variable cost based on turbine usage, expensed as incurred, for major turbine maintenance, that will be capitalized and amortized over a five-year period based on its estimated useful life. The term of the agreement is 60-months starting from the date of first beneficial use. During 2013, the Company renegotiated the agreement-terms until 2018.

During 2017, 2016 and 2015, payments under the agreement were \$3.6 million, \$3.6 million and \$1.8 million, respectively. Future contractual cash payments are as follows:

Year	Amount
2018	<u>\$ 1,651</u>

- f. ECA entered into various technical service and maintenance agreements with third parties. During 2017, 2016 and 2015, payments under such agreements were \$8.2 million, \$11.6 million, and \$9.0 million, respectively. Future contractual cash payments of such commitments are as follows:

Year	Amount
2018	\$ 5,825
2019	1,744
2020	1,250
Thereafter	18,000
	<u>\$ 26,819</u>

- g. On January 1, 2013 (with effective date on January 1, 2012), SGEN and TDM entered into an schedule coordination, energy management and related services agreement, with term of 5 years (with possibility to extend the term one more year), for which TDM will continue to deliver all of its power output directly to the CAISO and SGEN provides marketing, scheduling, and dispatch services for TDM, among others. On December 1, 2016 this contract was assigned to Sempra Gas & Power Management LLC.

During 2017, 2016 and 2015, payments under the agreement were \$5.1 million, \$5.5 million and \$4.7 million, respectively. Future contractual cash payments are as follows:

Year	Amount
2018	<u>\$ 2,342</u>

- h. *International public tender LPI-001/12 and LPI-002/2012 convened by the CFE to enter into contracts for the provision of gas transmission services.*

In October 2012, GAP was awarded by the CFE with two contracts to build and operate an approximately 835 km (500 miles) natural gas pipeline network connecting the northwestern Mexican states of Sonora and Sinaloa ("Northwest gas pipeline", also known as the "Sonora Pipeline") to the U.S. interstate pipeline. The Northwest gas pipeline will comprised of two segments; the first one is for an approximate length of 505 km, 36-inch diameter pipeline with 770 MMCFPD of transportation capacity; and the second one, is for an approximate length of 330 km, 30-inch pipeline with 510 MMCFPD of transportation capacity. The estimated price per MMCFPD is approximately \$250.0. The Company estimates the total cost of the Northwest gas pipeline will be \$1.0 billion. The capacity of the Northwest gas pipeline is fully contracted by CFE under two 25-year firm contracts denominated in U.S. Dollars.

In order to ensure compliance, during the construction stage and up to the scheduled date of commercial operation of the Northwest gas pipeline, GAP issued 2 irrevocable standby credit letters, for \$90.0 million and \$65.0 million with CFE as beneficiary, with term of one year, which can be extended automatically for annual periods until November 30, 2039 and until October 31, 2041, respectively.

- i. On January 1, 2013, the Company entered into an Information Technology Services Agreement with Sempra Infrastructure (formerly U.S. Gas & Power) (a related party in U.S.). Pursuant to this agreement, Sempra Infrastructure will provide certain software and information technology services, including software, support and security services. The Company pays an approximate annual rate of \$6.8 million. This agreement has an initial term of five years.
- j. On February 28, 2013, the Company entered into a Management, Technical and Advisory Services Agreement with Sempra International (a related party in U.S.); pursuant to which Sempra International (directly or through affiliates) will provide with certain support services. The Company paid \$6.5 million, \$8.3 million and \$5.8 million during 2017, 2016 and 2015, respectively.
- k. ECO entered into purchase agreement of natural gas contract with British Petroleum from February 1, 2015 to January 31, 2017 for 14,000 MmBtu daily. In 2016, the contract changed from British Petroleum to IEnova Marketing (consolidated affiliate).
- l. On August 27, 2015, IEnova Marketing entered into a contract with SGEN, for providing natural gas with maximum contract quantity of 8,100 MmBtu and a minimum corresponding to 50 percent of the maximum quantity, the monthly price will be the quotient resulting from the monthly index divided by 1 minus the charge for fuel, transportation and \$0.035/MmBtu from September 1, 2015 until August 31, 2018.

- m. On August 20, 2015 IEnova Marketing entered into a contract with Igasamex Bajío S. de R. L. de C. V., for providing natural gas with maximum contract quantity of 8,100 MMBtu and a minimum corresponding to 50 percent of the maximum quantity, the monthly price will be the quotient resulting from the monthly index divided by 1 minus the charge for fuel, transportation and \$0.07/MMBtu from September 1, 2015 until August 31, 2018.
- n. On July 1, 2015 IEnova Marketing entered into a contract with SLNGIH, to transfer 65 percent of profits and losses under the deed of indemnity until August 30, 2029.
- o. On February 15, 2001, IEnova Pipelines entered with CFE a contract to increase the maximum daily capacity of natural gas transportation to Chihuahua, by adding a natural gas compression system. The contract term is 20 years, commencing on November 12, 2001 (date of commencement of commercial operation of the station), with the right of renewal for additional five years. The maximum daily capacity covered by this contract is 60 MMCFPD.
- p. On October 22, 2014, IEnova Pipelines entered into a natural gas transportation services contract, under the TF-1 firm transport service scheme with CFE for a firm base reserved capacity of 100 MMCFPD with a regulated rate. After December 31, 2014, the amendments extend the maturity with automatic renewals of one-year period.
- q. On October 22, 2014, IEnova Pipelines entered into an agreement to provide natural gas transportation service under the TI-1 interruptible transport service scheme to CFE for an interruptible capacity of 72 MMCFPD with a regulated rate. After December 31, 2015, the amendments extend the maturity with automatic renewals of one-year period.
- r. On October 31, 2014, IEnova Pipelines entered into a natural gas transportation services contract, under the TI-2 interruptible transport service scheme with CFE for an interruptible capacity of 50 million cubic feet per day with a regulated rate. After December 31, 2014, the amendments extend the maturity with automatic renewals of one-year period.
- s. On September 28, 2016, IEnova Pipelines entered into a fifth natural gas transportation services amending agreement, under the TF-1 firm transport service scheme with PGPB signed on December 11, 2009, for a firm base reserved capacity of 40 MMCFPD with a regulated rate. After December 31, 2017, the amendments extend the maturity with automatic renewals of one-year period. This agreement is currently in effect with Pemex TRI.
- t. On September 28, 2016, IEnova Pipelines entered into a fifth natural gas transportation services amending agreement, under the TI-1 interruptible transport service scheme with PGPB signed on December 11, 2009 for an interruptible capacity of 80 MMCFPD with a regulated rate. After December 31, 2017, the amendments extend the maturity with automatic renewals of one-year period. This agreement is currently in effect with Pemex TRI.
- u. On September 28, 2016, IEnova Pipelines entered the into a fifth natural gas transportation services amending agreement, under the TI-2 interruptible transport service scheme with PGPB signed on December 11, 2009 for a interruptible capacity of 80 MMCFPD with a regulated rate. After December 31, 2017, the amendments extend the maturity with automatic renewals of one-year periods. The agreement is currently in effect with Pemex TRI.
- v. On December 16, 2014, IEnova Pipelines entered into a second natural gas transportation services amending agreement, under the TI-1 interruptible transport service scheme with Energia Chihuahua signed on December 21, 2012 for an interruptible capacity of 80 MMCFPD. After December 31, 2015, the amendments extend the maturity with automatic renewals of one-year period.
- w. GdT executed a natural gas compression and transport service contract with PGPB. Such contract was signed on December 19, 2001, and stipulates a capacity of 1,000, million cubic feet of natural gas. The contract provides for a conventional rate as established in the natural gas regulations of the CRE. The contract duration is 20 years, computed as of November 12, 2003 (the starting date of commercial operations). On January 1, 2016, this agreement was transferred to CENACE.

- x. On May 2, 2002, GdT entered into an agreement with Pemex TRI, through which it receives O&M services for natural gas transportation system. This agreement expires 20 years from the computed as the starting date of commercial operation. On January 1, 2016, this agreement was transferred to CENACE.

This agreement was terminated in March 31, 2017, payments under the agreement were \$1.8 million.

- y. On December 5, 2012, GdT entered into an agreement with Pemex TRI through which it receives compression services based on interruptible by PGPB to GdT, on investment of \$4.6 million will be used for the rehabilitation of compression station 19 and PGPB reinstate costs in 75 percent and only paid 25 percent to Pemex TRI. On January 1, 2016 this agreement was transferred to CENAGAS.
- z. On December 15, 2005, TdF entered into a LPG transport service contract with Pemex TRI, under firm base capacity reserved of 4,470 MMCFPD equivalent to 30,000 Bbld. This agreement expires 20 years after from COD.
- aa. On December 15, 2005, TdF entered into an agreement with Pemex TRI, through which it receives O&M services for liquid gas transport system. This agreement expires 20 years after COD. The agreement is currently in effect with Pemex Logistica.

During 2017, payments during the agreement were \$5.2 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 5,155
2019	5,155
2020	5,155
Thereafter	25,774
	<u>\$ 41,239</u>

- ab. On February 17, 2012, IEnova Pipelines signed a service contract to LPG storage with Pemex TRI. This contract provides base storage capacity reserved of 4,470 MMCFPD to 30,000 Bbld. The contract term is 15 years with a conventional rate, which represents the regulated by the CRE minus 1.2 percent. This contract was given in all rights and obligations, together with all attachments to TdN, by signing an amendment agreement dated on June 18, 2012, between IEnova Pipelines, TdN and Pemex TRI.
- ac. On February 21, 2012, TdN entered into an agreement with PGPB, through which it provides operation and maintenance services for the LPG transportation services. This agreement expires 20 years after COD. This agreement is currently in effect with Pemex Logistica.

During 2017, payments during the agreement were \$3.1 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 3,051
2019	3,051
2020	3,051
Thereafter	34,070
	<u>\$ 43,223</u>

ad. On December 13, 2012, GdS entered into an ethane gas transportation services contract with Pemex TRI. The contract duration is 21 years with a conventional rate. The contract is under the firm transport service scheme for a firm base reserved capacity of: Segment I Cangrejera-Complejo Etileño XXI 33,000 BPD, Segment I Complejo Etileño XXI-Cangrejera 29,500 BPD, Segment II Nuevo Pemex km 3 66,000 BPD, Segment II Cactus-km 3 38,000 BPD, Segment II km 3-Complejo Etileño XXI 95,500 BPD and Segment III Cd. Pemex-Nuevo Pemex 105,600 BPD.

ae. On April 16, 2014, GdS entered into an agreement with Pemex TRI, through which it provides operation and maintenance services for the ethane gas transportation services. This agreement expires in 20.5 years after the first segment commercial operational date. This agreement is currently in effect with Pemex Logística.

During 2017, payments during the agreement were \$6.2 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 6,201
2019	6,201
2020	6,201
Thereafter	85,257
	<u>\$ 103,860</u>

af. On July 19, 2013, GdN entered into an agreement to provide natural gas transportation services to Pemex TRI. The agreement has a term of 25 years from COD the system with a regulated rate. This contract is under scheme firm transport capacity reserved of 2,100 Mcfd. This contract was transferred to CENACE on January 1, 2016.

ag. On December 15, 2014, DEN celebrated an agreement with TAG to provide O&M services. This agreement expires in 25 years from the pipeline commercial operations.

ah. On January 1, 2016, DEN celebrated an agreement with TAG to provide commercial services for a period equal Natural Gas Transport Permit G/335/TRA/2014 in favor of TAG, starting from the firm contract date.

ai. During the first quarter of 2017, GdN entered into a contract with Distribuidora Megak, to acquire a gas motor-generator for an estimated amount of \$5.0 million.

The contract matures in 2018.

aj. On March 30, 2017, Gasoductos Servicios Corporativos y de Administración, S. de R. L. de C. V. ("GSCA") entered into an agreement with GE Oil & Gas Products and Services, S. de R. L. de C. V. ("GE") for the maintenance of GdT's turbines. This agreement will expire upon the first occur considering the following:

- The date upon which all covered units have reached their performance end date, or
- Eight years from the contract effective date.

The estimated cost of this contract amounts to \$18.2 million.

In 2017, payments during the agreement were \$0.6 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 3,925
2019	3,061
2020	5,038
Thereafter	5,392
	<u>\$ 17,416</u>

ak. In 2017, ESJH and ESJRII entered into several land leases for the development and construction of two photovoltaic solar power systems in Baja California and Sonora, Mexico, respectively. The agreements are a 20-year term. During 2017, payments under the agreements were \$306.0.

Future contractual cash payments are as follows:

Year	Amount
2018	\$ 323
2019	306
2020	306
Thereafter	4,902
	<u>\$ 5,837</u>

al. GSCA and GdT entered into various O&M agreements during 2017. Payments during the agreement were \$1.4 million.

Future contractual cash payments are as follows:

Year	Amount
2018	\$ 2,746
2019	718
	<u>\$ 3,464</u>

am. GSC, ESJR III and IG entered into various technical service and engineering, procurement and construction agreements with Gulf Interstate Engineering Company. During 2017 payments under such agreements were \$0.2 million. Future contractual cash payments of such commitments are as follows:

Year	Amount
2018	<u>\$ 9,710</u>

an. ESJR III entered into an agreement with the Veracruz API as concessionary, for the right to build, use, leverage and benefit from the operation of the marine terminal in Veracruz, Mexico, with an obligation for the Company to pay a fixed fee from 2019 until maturity date in 2037.

Future contractual cash payments of such commitments are as follows:

Year	Amount
2019	\$ 3,420
2020	3,651
2021	3,898
Thereafter	113,878
	<u>\$ 124,847</u>

- ao. In the fourth quarter of 2017, ESJH, ESJR I and ESJR II entered into various engineering, procurement and construction agreements with third parties for the PIMA Solar Project.

In 2017, payments during the agreement were \$3.1 million. Future contractual cash payments are as follows:

Year	Amount
2018	<u>\$ 123,334</u>

- ap. GdS entered into various technical service and maintenance agreements with third parties for the ethane construction. During 2017, payments under such agreements were \$2.6 million. Future contractual cash payments of such commitments are as follows:

Year	Amount
2018	\$ 214
2019	31
	<u>\$ 245</u>

- aq. During 2014, Ventika entered into a 10 to 20-year contract with their customer's shareholders to sell 100 percent of the renewable energy produced from the wind energy project. Such agreement commenced in April 2016 once Ventika started commercial operations.

- ar. Ventika has acquired the rights to a 20-year land lease agreement to use land for generating and transmitting electricity using wind turbines. The agreement can be extended by another 20-year term.

During 2017, payments during the agreement were \$0.5 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 476
2019	493
2020	510
Thereafter	10,189
	<u>\$ 11,668</u>

- as. On June 3, 2013, Ventika entered into 5-year O&M agreement with Acciona Energia Servicios Mexico, S. de R. L. de C. V. ("Acciona") which commenced after the commissioning of the last wind turbine units, and covers operation, service and maintenance activities. The agreement can be extended by another 20-year term.

During 2017, payments during the agreement were \$7.6 million. Future contractual cash payments are as follows:

Year	Amount
2018	\$ 6,695
2019	6,695
2020	6,695
Thereafter	2,813
	<u>\$ 22,898</u>

- at. On April 8, 2014, Ventika entered into a 5-year asset management services agreements with Cemex, S. A. B. de C. V. Payments under the agreement consist of an annual fixed fee plus a variable administration commission.

During 2017, payments during the agreement were \$5.0 million. Future expected payments for Ventika are as follows:

Year	Amount
2017	\$ 5,240
2018	5,308
2019	5,379
Thereafter	3,484
	<u>\$ 19,411</u>

- au. On May 1, 2008, IEnova Marketing entered into a contract with MGI Supply, LTD ("MGI"), to purchase the gas natural transportation capacity in the North Baja System. The acquired capacity is 210 Dth/d. The contract term is for 14 years (ends on August 31, 2022).

- av. On February 1, 2013, IEnova Marketing entered into a Scheduling Agreement with SG&PM; the agreement ends on December 31, 2022. The objective of the agreement is engage the service of SGEN to supply natural gas at the delivery points of SG&PM.

- aw. On November 24, 2016, IEnova Marketing entered into a purchase natural gas capacity agreement with SG&PM, to guarantee the ongoing Supply Agreements signed with several customers. The acquired capacity is variable and the average maturity is less of 5 years.

- ax. On January 1, 2013 and September 1, 2014, IEnova Marketing entered into two natural gas purchase agreement with SLNGL. The agreements ends on August 20, 2029 and December 31, 2022, respectively (equivalent to 16.6 years and 8.3 years respectively). The acquired capacities are 188,000 MMBtu/Year and 400 MMBtus/Day, respectively.

36. Contingencies

36.1. Matters related with tax authorities

Additional income taxes payable could arise in transactions with nonresident unconsolidated affiliates if the Mexican Tax Authority (Servicio de Administración Tributaria, "SAT" by its initials in Spanish), during a review, believes that prices and amounts used by the Company are not similar to those used with or between independent parties in comparable transactions.

36.2. Judicial, administrative or arbitral proceedings

The Company may become involved in litigation and administrative proceedings relating to claims arising out of its operations and properties. These may include claims filed by suppliers and customers, federal, state or local governmental authorities, including tax authorities, neighboring residents and environmental and social activists, as well as labor disputes. Other than as described below, there are no material governmental, legal or arbitration proceedings against the Company which may have a material adverse effect on its business, financial position or results of operations:

Matters on ECA

- a. *Motions for review (recurso de revisión) against MIA of the ECA Terminal, filed by Castro, Valdez y Palafox.* In May 2003, Hiram Castro Cruz and Roberto Valdez Castañeda ("Castro and Valdez"), jointly, and Monica Fabiola Palafox ("Palafox"), acting individually filed motions for review before the Ministry of the Environment and Natural Resources (Secretaría de Medio Ambiente y Recursos Naturales, SEMARNAT) to challenge the issuance of the MIA to the ECA Terminal granted in April 2003, based on allegations similar to IVG's allegations. SEMARNAT dismissed the motions and the plaintiffs filed before the Federal Court of Tax and Administrative Justice (Tribunal Federal de Justicia Fiscal y Administrativa, TFJFA), in Mexico city, motions for annulment against the respective rulings. In January 2006 and May 2013, the TFJFA issued the judgments declaring null and void the rulings through which SEMARNAT dismissed the motions for annulment ordering SEMARNAT to issue new rulings in the terms set forth in such judgments. In the case of Castro and Valdez, SEMARNAT admitted the motion and in January 2012 it issued a resolution ratifying the validity of the MIA. In March 2012, Valdez filed before the TFJFA a motion for annulment against the ruling issued by SEMARNAT and ECA filed before the Collegiate Circuit Court for the Federal District, a motion against the ruling whereby the TFJFA ordered the admittance of the motion filed by Valdez. In the case of Palafox, SEMARNAT has not issued its resolution on the MIA yet. The management of the Company deems that the claims of Castro, Valdez and Palafox are unfounded.

Finally, against the resolution of dismissal Roberto Valdez filed an annulment proceeding that was resolved denying the annulment to the complainant by means of a judgment published in January 2017.

- b. *Motion for annulment against ECA's port concession, filed by Inmuebles Vista Golf ("IVG").* In January 2005, IVG filed before the Ministry of Communications and Transport (Secretaría de Comunicaciones y Transportes, "SCT") a motion for annulment regarding ECA's port concession, which authorizes ECA to use the national port facilities for its maritime operations. IVG argued that the SCT should have applied certain environmental requirements regarding the authorization of the port concession to ECA and that the activities performed by ECA's Terminal are not attributable to the SCT, as well as that ECA did not perform any environmental risk assessment and that the SEMARNAT amended the MIA without notifying such circumstance to the SCT. In March 2005, the SCT dismissed such motion and IVG filed before the TFJFA in Mexico City a motion for annulment against the respective ruling. In March 2010, the TFJFA issued a judgment declaring null and void the ruling whereby the SCT dismissed the motion for review and ordering the latter to admit such motion. In May 2011, the SCT issued a new agreement dismissing the motion once again. In August 2011, IVG filed a second motion for annulment before the TFJFA, confirming its previous arguments and arguing, besides, that the SCT is not empowered to issue the ruling.

ECA challenged the ruling whereby the TFJFA admitted the second motion for annulment based on the fact that IVG's claims were resolved during the previous motion. In June 2012, the TFJFA agreed with such argument and dismissed the second motion for annulment filed by IVG. IVG filed a constitutional claim (*amparo*) before the Federal Courts, against the last ruling of the TFJFA. The answer to such claim was made by the Company on August 27, 2012. The SCT and ECA's Terminal answered such claim. During 2013, IVG filed a constitutional claim before the Federal Courts, against the dismissal of the motion before the TFJFA, protection which was granted reversing the dismissal of the motion for annulment. The motion for annulment is pending and therein both the SCT and the ECA Terminal have already answered the claim.

As to the motion for revocation (*recurso de revocación*) against the port concession granted to ECA before the Ministry of Communications and Transports ("SCT"), regarding the port concession for purposes of its maritime operations, the Company reports the following:

On February 19, 2015, a Collegiate Court ruled favorably to ECA's interests, denying the constitutional claim filed by Vista Golf against the ruling of the Federal Court of Tax and Administrative Justice, also issued in favor of ECA's interests.

Therefore, on April 24, 2015, the Federal Court of Tax and Administrative Justice concluded the nullity trial fully and the judgment issued in favor of ECA is in consequence definitive.

- c. *Motion for review against MIA of ECA's Terminal, filed by Inmuebles Baja Pacifico, S.A. de C.V. ("IBP").* In 2006, IBP started an action / "popular claim" before the Federal Attorney General Office of Environmental Protection (Procuraduría Federal de Protección al Ambiente, "PROFEPA") arguing that the conditions and relief measures set forth in the authorization of environmental impact would be insufficient and that the operation of ECA's Terminal would cause a damage to the environment, seeking, among others, the order to amend or annul the referred Authorization in the Subject of Environmental Impact. The proceedings ended in 2006 in favor of ECA. IBP filed a motion for review against such ruling, resolving it grounded and ordering the issuance of a new resolution assessing the evidence of IBP and resolving on the compliance of the environmental legislation.

In compliance to the rulings in the motion for review, PROFEPA performed inspections on ECA's Terminal and it determined that its operations comply with the determinants and relief measures imposed in the authorization in the subject of environmental impact and they do not cause damage to the environment. Such resolution was challenged by IBP through the proceeding for annulment (*juicio de nulidad*) before the Federal Court of Tax and Administrative Justice ("TFJFA"), which in August 2013 declared the nullity of the challenged resolution considering that the authority did not ground duly its territorial competence and it ordered PROFEPA to issue a new resolution considering the evidence delivered by IBP setting forth why they would be insufficient to prove the breach of the applicable legislation. Against TFJFA's ruling, both IPB and ECA filed constitutional trials, respectively, which were resolved in February 2015 determining to dismiss the constitutional claim brought by IPB and grant protection to ECA under the consideration that IBP lacks of *standi*/legal interest to challenge through proceeding for annulment the resolution of the popular claim, ordering the TFJFA the issuance of a new resolution in congruence.

In such circumstances, and given the resolution in the constitutional trial, in July 2015 the TFJFA issued a new resolution dismissing IBP's proceeding. In November 2015, the TFJFA determined that its judgment of July 2015 was definitive, being fully concluded in favor of ECA.

- d. *Constitutional Claim filed by Ramon Eugenio Sanchez Ritchie ("Sanchez Ritchie").* In June 2010, Sanchez Ritchie filed a constitutional claim in the Collegiate District Court of the State of Baja California, Mexico, challenging the validity of all the permits and authorizations related to the construction and operation of ECA's Terminal. The motion of Sanchez Ritchie named as defendants 17 governmental agencies, including SEMARNAT, CRE and the Municipality of Ensenada, among others. Although the first permits of ECA's Terminal were issued more than six years before its filing, Sanchez Ritchie claims that the operation of ECA's Terminal would impair its rights as alleged owner of the property adjacent to ECA's Terminal (which is disputed by ECA) and that ECA's permits were granted in breach of its rights.

Sanchez Ritchie claims the payment of damages and the order to the defendant authorities to revoke the permits for ECA's Terminal. On June 17, 2010, the District Court issued an interim judgment ordering the different authorities to suspend ECA's permits, but such provisional order was revoked by the Circuit Court on June 24, 2010 before the governmental authorities answered. Each one of the governmental authorities named in the constitutional claim denied the charges and affirmed the validity of their respective permits and authorizations. The allegations hearing of Sanchez Ritchie has been adjourned due to the filing of many remedies and other procedural acts. In May 2012, the case was submitted to the Collegiate District Court of Tijuana and an issuance date of the interim judgment regarding the admissibility of the constitutional claim has not been set. The Company deems that the claims of Sanchez Ritchie are unfounded.

The constitutional hearing in the issue was held on December 8, 2014.

On February 16, 2015, the Third District Court in the subject of constitutional trial and federal trials in the State of Baja California issued a resolution whereby it dismissed the constitutional trial. Ramon Eugenio Sanchez Ritchie filed a direct constitutional claim and it is pending of resolution in the First Collegiate Court. In September 2016, the Collegiate Court resolved the matter definitively, confirming the decision of the District Judge in favor of ECA.

- e. *Municipal claim filed by Sanchez Ritchie.* In February 2011, Sanchez Ritchie filed a complaint before the Directorate of Urban Control (Dirección de Control Urbano, DCU) of the Municipality of Ensenada, in Baja California, Mexico, arguing the invalidity of the zoning and construction permits granted to ECA's Terminal in 2003 and 2004, respectively. Although the Municipality had ratified the validity of the permits in its answer to the constitutional claim of Sanchez Ritchie described above, shortly after receiving the complaint, the DCU issued an order of temporary closing and immediate cessation of operations. The actions of the authorities of the state and federal government prevented the interruption of the operations of the terminal, while ECA filed an answer to the administrative complaint before the DCU as well as a constitutional claim before the Collegiate District Court in Ensenada. In March 2011, the District Court granted the suspension of the closing order until the resolution of ECA's constitutional claim, which was confirmed by the Collegiate Circuit Courts in Mexicali. As informed on April 28, 2014, on such date the Municipality of Ensenada declared itself incompetent to deal with, transact, continue with the transaction and, at the time, resolve the proceedings started in 2011 by Ramon Eugenio Sanchez Ritchie. Therein, the authority resolved to rescind the acts in the administrative proceedings, including the closing order, ordering to close the file as a fully and duly concluded issue. The referred memorandum was eventually challenged before an Administrative Court by Sanchez Ritchie, which was resolved favorably to the interests of ECA. The resolution mentioned above was not challenged because the issue was fully concluded and the judgment in favor of ECA is, in consequence, definitive.
- f. *Saloman Arya Furst and Abraham Hanono Raffoul* filed before the Unitary Agrarian District Court of Ensenada a claim against the Ministry of Agrarian Reform (*Secretaría de la Reforma Agraria*), ECA and other 20 defendants. The purpose of such claim is to procure a declaration of nullity of the property rights granted by the National Agrarian Registry regarding some plots of land where ECA's Terminal is located, as well as the return of another plot which allegedly is located in the same place, based on the argument that the property titles issued in favor of the ECA's former owners were issued improperly and without considering the existing property rights of such immovable property. In September 2011 was held a definitive hearing on the subject, where the plaintiffs offered evidence to extend their claim. The judge did not admit the evidence, and before issuing the judgment, the plaintiffs filed a constitutional claim against the refusal of the judge to the admittance of the evidence. The action of the judge is suspended by the constitutional claim, and, the constitutional trial cannot continue until the Court serves notice of the civil claim to the other defendants, which has not happened. The Company deems that the claim is ungrounded.

After several adjourned hearings, on June 9, 2015 the parties were duly notified of these proceedings. On that same date, the hearing was held, during which the disputed issues were set and the evidence of all the parties was offered. Given the amount of evidentiary material, the Court reserved the right of study and assessment thereof to subsequently set a new date of hearing.

It was held on September 2015 where there was no resolution, later it was programmed the relief of an expert test in the field for the November 3, 2016. This test was released and to the date was submitted to the Agrarian Court.

On November 3, 2017, a diligence for inspection and study in the field was carried out by various experts offered by the litigants. To date all experts have surrendered their respective opinions. The Agrarian Court has ordered the issuance of an expert opinion of a third party in dispute and is requesting the Superior Agrarian Court, the appointment of an expert for this purpose

- g. *Criminal Investigation.* In May 2009, Sanchez Ritchie filed before the Attorney General Office of Ensenada a criminal complaint arguing that "Sempra's affiliates", several employees of ECA's Terminal and several former employees of such Office committed the crime of procedural fraud as to a criminal complaint filed by ECA, which owns ECA's Terminal against Sanchez Ritchie in 2006 as part of the conflict related to the possession of an immovable property adjacent to ECA's Terminal, which is property of the Company. In September 2006, ECA accused Sanchez Ritchie of the crime of dispossession for having trespassed ECA's immovable property. As part of such proceedings, the public prosecutor issued a provisional order to remove Sanchez Ritchie from the immovable property. In the criminal complaints filed in 2009, Sanchez Ritchie argued that ECA and the other defendants provided false information to obtain such order. The public prosecutor responsible of the case determined that there was not enough evidence to prosecute the defendants and closed the investigation; and in March 2011, the criminal court of Tijuana ratified the withdrawal of the action. In September 2011, Sanchez Ritchie filed a constitutional claim against the respective ruling before the Collegiate District Court of Ensenada. The hearing to analyze the substantive aspects of the constitutional claim was held in March 2012 and in July 2012 the judge granted the protection regarding the omission in the study, by the criminal judge, of certain evidence and arguments submitted by Sanchez Ritchie. The district judge ordered the criminal judge to issue a new resolution considering such issues. ECA's Terminal appealed the resolution in the Federal Circuit Court, which as of December 31, 2015 had not issued a ruling on the matter. On October 19, 2016, the District Judge dismissed the amparo suit filed by Sanchez Ritchie. This resolution caused a state of affairs and the judgment was filed as a closed case.
- h. *Motion for review against the authorization of environmental impact for ECA's Terminal,* filed by Inmuebles Vista Golf. In May 2003, Inmuebles Vista Golf, S.A. de C.V. filed before SEMARNAT a motion for review against the resolution issued by such authority in April 2003, whereby it granted to the Company the authorization of environmental impact for ECA's Terminal. Inmuebles Vista Golf argues that SEMARNAT did not give the necessary notices and did not abide by the applicable proceedings to grant such authorization; that the activities of ECA's Terminal are of industrial nature and, therefore, they do not meet the provisions in the Regional Development Program of the Coastal Corridor Tijuana-Rosario-Ensenada (known as COCOTREN); and that the conditions and relief measures set forth in the authorization were insufficient. In August 2003, SEMARNAT dismissed such motion and in December 2003 Inmuebles Vista Golf filed before the TFJFA, in Mexico City, a proceeding for annulment against the respective ruling. In April 2005, the TFJFA issued a ruling declaring the nullity of the respective ruling, therefore SEMARNAT continued the motion for review and in July 2006 resolved it confirming the validity and legality of the authorization of environmental impact. In October 2006, Inmuebles Vista Golf filed before the TFJFA, in Mexico City, a proceeding for annulment against SEMARNAT's respective resolution. In December 2010, TFJA confirmed the validity and legality of the resolution through which SEMARNAT confirmed the validity and legality of the authorization of environmental impact. Against TFJFA's resolution, Inmuebles Vista Golf filed a direct constitutional trial before the Collegiate Circuit Court in the Federal District. The constitutional trial was resolved through resolution of April 2012, whereby was granted the protection for the TFJFA to assess all the evidence provided by the parties, specifically the expert evidence in trial. In August 2012, the TFJFA issued a new ruling ratifying once again the validity of the authorization of environmental impact and the sufficiency of the conditions and relief measures to prevent the damages to the environment set forth therein. Inmuebles Vista Golf filed a new constitutional claim against the judgment of August 2012 of the TFJFA, on the other hand, ECA filed an adjacent constitutional claim.

In May 2013, the First Chamber of the Supreme Court of Justice of the Nation decided to intervene in the constitutional claim filed by Inmuebles Vista Golf. In a public hearing held on February 7, 2014, the First Chamber of the Supreme Court of Justice of the Nation resolved to "dismiss the constitutional trial and leave the adjacent constitutional claim without subject", therefore the affair is fully concluded in favor of ECA.

- i. On September 8, 2016, in the First Collegiate Court of the XV Circuit, unanimously and definitively overruled the resolution previously issued by the Third District Court and Federal Proceedings of Baja California, in connection with the constitutional appeal filed by Sanchez Ritchie in which he challenged the effectiveness of all permits and authorizations related to the construction and operation of the natural liquefied gas storage and regasification terminal property of its subsidiary ECA, located at Ensenada, Baja California. On October 19, 2016 Sanchez Ritchie overruled resolution on the constitutional appeal was ratified by the corresponding authorities, closing this case.

Matters on ESJ

- a. In November 2011, *Terra Peninsular, A.C.* ("TP"), an environmental organization, filed before the TFJFA of Mexico City a motion for review against the resolution whereby SEMARNAT granted to ESJ the authorization of environmental impact for the construction and operation of ESJ wind farm. TP argues that it did not receive notice of such resolution; and that the MIA was not assessed pursuant to the applicable legislation, since otherwise, SEMARNAT would have denied such authorization. However, TP does not specify the laws or regulations that were not duly applied. Besides of the foregoing, TP argues that the different stages of the project should require independent authorizations; and that the granting of a conditional authorization for the development of future states which have not been fully defined is insufficient to protect the environment. The TFJFA denied the suspension order requested by TP, but admitted the claim. ESJ and SEMARNAT filed their respective answers to the claim in June 2012, arguing that the motion filed by TP is untimely and that the MIA was duly granted. The judge has admitted the experts brought by the parties and ESJ's and SEMARNAT's experts have submitted their expert opinions. The request filed by TP for the final suspension was denied by the TFJFA, resolving that the evaluation from SEMARNAT was carried out under the applicable legislation.

Terra Peninsular fought that resolution through the corresponding appeal, which did not prosper, the refusal having been confirmed. Due to the importance of the matter, it was referred to the Superior Court of the TFJFA, which in a public session, unanimously by the votes of its judges, decided to dismiss the trial because it was promoted extemporaneously. Terra Peninsular may challenge such decision. To date is pending to notify Terra Peninsular the ruling of the Superior Court, this is because it is not located in the address indicated for such purposes, so it will be notified by judicial bulletin.

The operations of ECA's Terminal, TDM's plant and ESJ's wind farm have not been affected as a result of the proceedings described above and they continue operating normally during the process thereof. However, if any of such proceedings was resolved unfavorably for the Company, the operations of ECA's Terminal and/or TDM's generating plant might be affected adversely and significantly, which in turn might have a significant adverse effect on the activities, perspectives, the financial position, the operation results and the cash flows of the Company.

Except for the affairs stated above, neither the Company nor its assets are subject to any other legal action different from those arisen in the normal course of business.

Application of new and revised International Financial Reporting Standards

- a. *Application of new and revised International Financial Reporting Standards ("IFRSs" or "IAS") that are mandatorily effective for the current year*

In the current year, the Company has applied a number of amendments to IFRSs issued by the International Accounting Standards Board ("IASB") that are mandatorily effective for an accounting period that begins on or after January 1, 2017.

Amendments to IAS 7 Disclosure Initiative

The amendments require entities to provide disclosure of changes in their liabilities arising from financing activities, including both changes arising from cash flows and non-cash changes (such as foreign exchange gains or losses).

Amendments to IAS 12 Recognition of Deferred Tax Assets for Unrealised Losses

The Company has applied these amendments for the first time in the current year. The amendments clarify how the company should evaluate whether there will be sufficient future taxable profits against which it can utilize a deductible temporary difference.

Annual Improvements to IFRSs 2014-2016 Cycle

The Company has applied the amendments to IFRS 12 included in the Annual Improvements to IFRSs 2014-2016 Cycle for the first time in the current year.

IFRS 12 states that a company not need provide summarized financial information for interests in subsidiaries, associates or joint ventures that are classified (or included in a disposal group that is classified) as held for sale. The amendments clarify that this is the only concession from the disclosure requirements of IFRS 12 for such interests.

- b. *New and revised IFRSs in issue but not yet effective*

The Company has not applied the following new and revised IFRS that have been issued but have not entered force:

- IFRS 9, *Financial Instruments* (1)
- IFRS 15, *Revenue from Contracts with Customers* (1)
- IFRIC 22, *Interpretation of Foreign Currency Transactions and Advance Consideration* (1)
- Amendments to IAS 40, *Investment Property* (1)
- Amendments to IFRS 10 *Consolidated Financial Statements* and IAS 28 *Investment in Associates and Joint Ventures* (2)
- Deferral Effective Date of Amendments to IFRS 10 *Consolidated Financial Statements* and IAS 28 *Investments in Associates and Joint Ventures* (2)
- IFRS 16, *Leases* (3)
- IFRS 17, *Insurance Contracts* (4)
- IFRIC 23, *Uncertainty over Income Tax Treatments* (3)

(1) Effective for annual periods beginning on or after January 1, 2018.

(2) Effective date is deferred indefinitely, early adoption of the September 2014 amendments continues to be permitted.

(3) Effective for annual periods beginning on or after January 1, 2019

(4) Effective for annual periods beginning on or after January 1, 2021

IFRS 9 Financial Instruments

IFRS 9, "Financial Instruments" issued in July 2014, is the replacement of IAS 39 "Financial Instruments: Recognition and Measurement". This standard includes requirements for recognition and measurement, impairment, derecognition and general hedge accounting. This version supersedes all previous versions and is mandatorily effective for periods beginning on or after January 1, 2018, with early adoption being permitted. IFRS 9 (2014) does not replace the requirements for portfolio fair value hedge accounting for interest rate risk since this face of the project was separated from the IFRS 9 project.

IFRS 9 (2014) is a complete standard that includes the requirements previously issued and the additional amendments to introduce a new expected loss impairment model and limited changes to the classification and measurement requirements for financial assets. More specifically, the new impairment model is based on expected credit losses rather than incurred losses, and will apply to debt instruments measured at amortized cost or Fair Value Through the Statement of Other Comprehensive Income ("FVTOCI"), lease receivables, contract assets and certain written loan commitments and financial guarantee contracts. Regarding the new measurement category of FVTOCI, it will apply for debt instruments held within a business model whose objective is achieved both by collecting contractual cash flows and selling financial assets.

With regards to the new IFRS 9 "Financial Instruments", the three phases in the standard were evaluated:

1 - Classification and measurement: the new standard introduces a new model for the classification of all types of financial assets, including those that contain implicit derivatives. With this model, the financial assets are classified in their entirety, instead of being subject to complex bifurcation requirements. Concerning the classification of financial liabilities, the IFRS 9 keeps all of the current IAS 39 requirements, the only change contemplated regarding the financial liabilities is linked to recognizing the changes in the own credit risk that is required to be presented as part of OCI.

The outcome of the evaluation of the following criteria will determine the way in which the financial asset must be classified and, thus, the basis of its measurement subsequent to the classification:

a) Determination of the Business Model

The Business Model refers to how the Company manages the financial asset activities to generate cash flows that flow directly to the Company either through the mere collection of contractual cash flows, the sale of the financial asset or through both activities.

The determination of the Business Model is handled at a level that reflects how a financial asset or group of financial assets are managed to meet a particular objective and not through an assessment of individual instruments, and it does not depend on the intentions of Management on the financial asset, but on its actual use.

A company may have more than one Business Model to manage their financial assets depending on the characteristics of the financial asset and, above all, the use that the Management makes on that financial asset to achieve its business goal.

In this regard, the Company is in the process of documenting its Business Model regarding the financial assets that the Company has, and it does not expect to change its current classification and, therefore, the measurement of the corresponding financial instruments.

b) Characteristics of the contractual cash flows

IFRS 9 requires that contractual cash flows represent only payments of the principal and interest, whose characteristics are consistent with those of a basic loan agreement in which the consideration of the time value of money and those related to credit risk are the most important elements of the evaluation; however, if the contractual terms of the financial asset include exposures to risk and volatilities in the contractual cash flows that are not related to a basic loan agreement, cash flows linked to such a financial asset do not represent the principal and interest.

Leverage may be a feature of contractual cash flows in some financial assets which increases the variability of cash flows, resulting in different characteristics to those of interest.

The Company believes that the contractual cash flows associated with its financial instruments represent mainly the recovery of the principal only, in some cases, and in others, only the principal and interest, as per the new standard; therefore, the Company has not identified possible effects associated with this criterion.

2 - Impairment: This phase describes a "three-stage" model ("overall model") for impairment based on credit quality changes from the initial recognition.

a) Phase 1 includes the financial instruments that have not had a significant credit risk increase from the initial recognition or (at the company's discretion) that have a low credit risk at the reporting date. For these assets, expected credit losses ("ECL") are taken into account at 12 months, and interest income is calculated on the gross book value of the asset amount (i.e., without deduction for impairment). The 12-month ECL are those resulting from the default events that are possible within 12 months from the date of the report. It is not the expected cash deficit during the 12-month period, but the total credit loss of an asset, weighted by the probability that the loss occurs in the next 12 months.

b) Stage 2 includes financial instruments that have had a significant increase in the credit risk from the initial recognition (unless they have a low credit risk at the reporting date and this is the option taken by the company), but do not have objective evidence of impairment. For these assets, expected credit losses are recognized for life, but the interest income is calculated on the gross book value of the asset amount. The ECL for life are those resulting from all the possible events of non-compliance during the maximum contractual period in which the Company is exposed to the credit risk. The ECL are the weighted average credit losses, with the respective risks of a weighted default.

c) Phase 3 includes the financial assets that have objective evidence of impairment at the reporting date. For these assets, the expected credit losses are recognized for life, and the interest income is calculated on the net book value amount (i.e. the net impairment estimate).

At the date of issuance of these financial statements, the Company is in the phase 1 and according to the assessment carried out on its type of transactions with the client, it was concluded that in its approach to risk assessment of clients there would be no significant impact with the new requirements of the new standard, and since the behavior of its clients has shown no risk indicators, the Company believes that the expected loss approach that the new standard sets will not result in a change in its estimates of impairment. Even when this standard comes into effect on January 1, 2018 with retrospective application, the Company would apply this standard from January 1, 2018 because it turned out to be impractical to carry out the assessment on a retrospective basis from the last reporting period.

3 Accounting for Hedges: The IFRS 9 provides an accounting policy option which establishes that the entities may continue to apply the hedge accounting requirements in IAS 39, waiting for the end of the macro project risk coverage, or they may apply the IFRS 9. This choice of accounting policy will be applied to the entire hedge accounting portfolio and cannot be performed on a hedge by hedge. In this regard, the Company has chosen to continue using IAS 39.

This choice of accounting policy is applied only to the application of hedge accounting and has no impact on the implementation of the other two phases of IFRS 9, namely, "Classification and Measurement" and "Impairment".

The new standard also introduces disclosure requirements and changes in the presentation. It is expected to impact the nature and extent of the disclosures about financial instruments, particularly in the year of the adoption of the new standard.

IFRS 15 Revenue from Contracts with Customers

IFRS 15, "Revenue from Contracts with Customers", was issued in May 2014 and applies to annual reporting periods beginning on or after 1 January 2018, earlier application is permitted. Revenue is recognized as control is passed, either over time or at a point in time.

The standard outlines a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance, including industry specific guidance. In applying the revenue model to contracts within its scope, a company will: 1) Identify the contract(s) with a customer; 2) Identify the performance obligations in the contract; 3) Determine the transaction price; 4) Allocate the transaction price to the performance obligations in the contract; 5) Recognize revenue when (or as) the company satisfies a performance obligation. Also, a company needs to disclose sufficient information to enable users of financial statements to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers.

Clarifications to IFRS 15, Revenue from Contracts with Customers

These clarifications address (1) identifying performance obligations, (2) principal-versus-agent considerations, and (3) licensing. The amendments also provide some transition relief for modified contracts and completed contracts. Specific provisions of the amendments include the following: Identifying performance obligations - Clarification that the objective of the assessment of a promise to transfer goods or services to a customer is to determine whether the nature of the promise, within the context of the contract, is to transfer each of those goods or services individually or, instead, to transfer a combined item or items to which the promised goods or services are inputs. Principal-versus-agent considerations - Extension of the application guidance. Licensing - Clarification of whether an entity's promise to grant a license of its IP should be recognized as revenue at a point in time or over time based on whether the licensor's ongoing activities significantly affect the IP. Transition relief - Two additional (optional) practical expedients. The amendments are effective for annual reporting periods beginning on or after January 1, 2018, which is the same effective date as that of IFRS 15. Earlier application is permitted.

The Company has evaluated the recognition and measurement of revenue according to the five-step model in the IFRS 15 and has not identified any significant financial impact, so that there will be no significant adjustments after its adoption. The Company chose to adopt the new standard as of January 1, 2018 by applying the modified retrospective method of adoption. The Company has not adopted in advance any interpretation or amendment that has been issued but not yet effective.

Revenue from contracts with clients are classified along the following lines:

- Revenue from tariff transportation services
- Revenue from capacity services in pipelines
- Revenue from storage services of natural and LP gas
- Revenue from distribution services of natural gas
- Revenue from administrative services
- Revenue from generation of wind energy
- Revenue from sale of electric power

These revenues are obtained independently in contracts with each of its clients, with possible renewals according to the contractual terms. Currently, the Company recognizes the income for services and for the generation of wind energy and electric power when such services are rendered or when they are delivered and accepted by the client, according to the programs established in the contracts. According to IFRS 15, the allocation of these revenues will be made on the basis of independent sales prices as set out in the contracts and on the basis of what was incurred; therefore, the allocation of the consideration and, consequently, the timing of revenue recognition would not be affected by the adoption of IFRS 15.

On the other hand, the Company concluded that energy services and delivery are met over time, given that the client receives the benefits provided by IEnova through the period in which the contract remains in force. Consequently, according to IFRS 15, the Company would continue recognizing revenue from service contracts over time rather than at a point in time.

Presentation and disclosure

The new presentation and disclosure requirements of IFRS 15 are more detailed than in the current guidance, therefore, the Company concluded that this is a relevant change, because it significantly

increases the volume of disclosures required in the Company's Consolidated Financial Statements.

Many of the disclosure requirements in IFRS 15 are new and IEnova has evaluated that the impact of some of these requirements will be significant. In particular, IEnova hopes that the notes to the Condensed Interim Consolidated Financial Statements will be extended due to the disclosure of significant judgment: when determining the price of transactions, how the transaction price is assigned to performance obligations and the assumptions used in the estimation of independent sales prices of each performance obligation. During 2017, IEnova development tests in their systems to adapt them to the new IFRS 15 requirements, as well as their internal control and accounting policies.

IFRIC 22 Interpretation of Foreign Currency Transactions and Advance Consideration

This new Interpretation clarifies the accounting for transactions that include the receipt or payment of advance consideration in a foreign currency. The interpretation is being issued to reduce diversity in practice related to the exchange rate used when an entity reports transactions that are denominated in a foreign currency in accordance with IAS 21 in circumstances in which consideration is received or paid before the related asset, expense, or income is recognized.

Effective for annual reporting periods beginning after January 1, 2018 with earlier application permitted.

The Company is evaluating the new standard and no significant financial impact has been identified.

Amendments to IAS 40 Transfers of Investment Property

These amendments to the guidance in IAS 40 on transfers of property to or from investment property.

Specifically, the amendments revise paragraph 57 of IAS 40 to state that "a company shall transfer a property to, or from, investment property when, and only when, there is a change in use." The amendments further clarify that a "change in use occurs when the property meets, or ceases to meet, the definition of investment property" and that a "change in management's intentions for the use of a property does not provide evidence of a change in use." The amendments are effective for periods beginning on or after January 1, 2018; early adoption is permitted.

The Company is evaluating the new standard and no significant financial impact has been identified.

Amendments to IFRS 10 Consolidated financial statements and IAS 28 Investment in Associates and Joint Venture

Amendments to IAS 28 require that gains and losses resulting from transactions between a company and its associate or joint venture relate only to assets that do not constitute a business. As well, a new requirement has been introduced that gains or losses from downstream transactions involving assets that constitute a business between a company and its associate or joint venture must be recognized in full in the investor's financial statements.

Additionally, a company needs to consider whether assets that are sold or contributed in separate transactions constitute a business and should be accounted for as a single transaction.

On the other hand, for consolidated financial statements, an exception from the general requirement of full gain or loss recognition has been introduced into IFRS 10 for the loss control of a subsidiary that does not contain a business in a transaction with an associate or a joint venture that is accounted for using the equity method.

IASB Defers Effective Date of September 2014 Amendments IFRS 10 Consolidated financial statements and IAS 28 Investment in Associates and Joint Venture

The amendments that indefinitely defer the effective date of its September 2014 amendments to IFRS 10 (on consolidated financial statements) and IAS 28 (on investments in associates and joint ventures), which address how a company determines any gain or loss related to transactions with an associate or joint venture.

The IASB plans to redeliberate the effective date of the September 2014 amendments after it has completed its research project on the equity method. Early adoption of the September 2014 amendments continues to be permitted.

The Company is evaluating the new standard and no significant financial impact has been identified.

IFRS 16 Leases

IFRS 16 "Leases" was issued in January 2016 and supersedes IAS 17 "Leases" and related interpretations. The new standard brings most leases on-balance sheet for lessees under a single model, eliminating the distinction between operating and finance leases. Lessor accounting, however, remains largely unchanged and the distinction between operating and finance leases is retained. IFRS 16 is effective for periods beginning on or after 1 January 2019, with earlier adoption permitted if IFRS 15 "Revenue from Contracts with Customers" has also been applied.

Under IFRS 16 a lessee recognizes a right-of-use asset and a lease liability. The right-of-use asset is treated similarly to other non-financial assets and depreciated accordingly and the liability accrues interest. This will typically produce a front-loaded expense profile (whereas operating leases under IAS 17 would typically have had straight-line expenses) as an assumed linear depreciation of the right-of-use asset and the decreasing interest on the liability will lead to an overall decrease of expense over the reporting period.

The lease liability is initially measured at the present value of the lease payments payable over the lease term, discounted at the rate implicit in the lease if that can be readily determined. If that rate cannot be readily determined, the lessee shall use their incremental borrowing rate.

However, a lessee may elect to account for lease payments as an expense on a straight-line basis over the lease term for leases with a lease term of 12 months or less and containing no purchase options (this election is made by class of underlying asset); and leases where the underlying asset has a low value when new, such as personal computers or small items of office furniture (this election can be made on a lease-by-lease basis).

IFRS 16 establishes different transitional provisions, including retrospective application or the modified retrospective application where the comparative period is not restated.

Regarding the transition methodology to be used, the Company will be using the modified retrospective method.

Annual Improvements to IFRSs 2014 - 2016 Cycle

The Annual Improvements include amendments to IFRS 1 and IAS 28 which are not yet mandatorily effective for the Company. IFRS 1 deleted short-term exemptions covering transition provisions of IFRS 7, IAS 19 and IFRS 10 which are no longer relevant. Also the amendments clarify that the disclosure requirements of IFRS 12 apply to interests in entities that are classified as held for sale, except for the summarized financial information.

The amendments to IAS 28 clarify that the option for a venture capital organization and other similar entities to measure investments in associates and joint ventures at FVTPL is available separately for each associate or joint venture, and that election should be made at initial recognition of the associate or joint venture.

In respect of the option for an entity that is not an investment entity (IE) to retain the fair value measurement applied by its associates and joint ventures that are IEs when applying the equity method, the amendments make a similar clarification that this choice is available for each IE associate or IE joint venture. The amendments apply retrospectively with earlier application permitted.

Both the amendments to IFRS 1 and IAS 28 are effective for annual periods beginning on or after 1 January 2018.

The Company does not anticipate that the application of the amendments in the future will have any impact on the Company consolidated financial statements as the Company is neither a first-time adopter of IFRS nor a venture capital organization.

IFRS 17 Insurance Contracts

IFRS 17 was issued in May 2017 as replacement of IFRS 4 *Insurance Contracts*. It requires a current measurement model where estimates are re-measured each reporting period. Contracts are measured using the building blocks of: 1) discounted probability-weighted cash flows, 2) an explicit risk adjustment, and 3) a contractual service margin ("CSM") representing the unearned profit of the contract which is recognized as revenue over the coverage period.

The standard allows a choice between recognizing changes in discount rates either in the income statement or directly in other comprehensive income. The choice is likely to reflect how insurers account for their financial assets under IFRS 9.

An optional, simplified premium allocation approach is permitted for the liability for the remaining coverage for short duration contracts, which are often written by non-life insurers.

There is a modification of the general measurement model called the 'variable fee approach' for certain contracts written by life insurers where policyholders share in the returns from underlying items. When applying the variable fee approach the Company's share of the fair value changes of the underlying items is included in the contractual service margin. The results of insurers using this model are therefore likely to be less volatile than under the general model.

The new rules will affect the financial statements and key performance indicators of all entities that issue insurance contracts or investment contracts with discretionary participation features.

IFRS 17 is applied for annual reporting periods beginning on or after January 1, 2021. Earlier application is permitted for entities that apply IFRS 9 and IFRS 15 on or before the date of initial application of IFRS 17.

The Company is in the process of evaluating the potential effects of implementing this new standard in its financial information.

IFRIC 23 Uncertainty over Income Tax Treatments

This new Interpretation clarifies how to apply the recognition and measurement requirements in IAS 12 "Income taxes" when there is uncertainty over income tax treatments. Uncertain tax treatments are a tax treatment for which there is uncertainty over whether the relevant taxation authority will accept the tax treatment under tax law. In such a circumstance, a company shall recognize and measure its current or deferred tax asset or liability by applying the requirements in IAS 12 based on taxable profit (tax loss), tax bases, unused tax losses, unused tax credits and tax rates determined applying this Interpretation.

A company shall apply IFRIC 23 for annual reporting periods beginning on or after January 1, 2019. Earlier application is permitted and the fact must be disclosed. On initial application, the Interpretation must be applied retrospectively under the requirements of IAS 8 or retrospectively with the cumulative effect of initially applying the Interpretation as an adjustment to the opening balance of retained earnings.

The Company's is in process of assessment of potential effects that could generate the implementation of these changes if any applicable.

38. Events after reporting date**a. Withdrawals of credit line.**

On January 4, 2018, February 6, 2018 and February 27, 2018 regarding the credit line mentioned in Note 21.a. the Company withdrew \$65.0 million, \$135.0 million and \$25.0 million, respectively, to be used for working capital and general corporate purposes.

b. Execution of Standby Letter of Credit Facility and Reimbursement Agreement

On January 22, 2018, in order to make more efficient and standardize the process for the issuance of letters of credit requested by governmental entities or third parties with whom it contracts, IEnova executed, together with a bank syndicate formed by Banco Nacional de Mexico, S. A., SMBC, Bancomer, Scotiabank Inverlat, S. A., Mizuho, BNPParibas and Santander, entered into a letter of credit facility and reimbursement agreement, up to an amount equivalent to \$1.0 billion U. S. Dollars which will be in effect for five years (the "LOCF").

- i. The foregoing, among other things, will allow IEnova to expedite the administrative processes for the issuance or renewal of standby letters of credit and to have a unique process for the issuance of all its standby letters of credit.
- ii. The LOCF and the standby letters of credit issued under the same do not constitute IEnova's debt.

The issuance costs of the aforementioned LOCF amounts \$1.5 million U. S. Dollars.

c. Veracruz marine terminal and in-land terminal projects

On January 8, 2018 ESJR III paid the remaining 50 percent of a counter-payment fee equivalent to the amount in Mexican Pesos for the right to build, use, leverage and benefit from the operation of the marine terminal in Veracruz, the counter-payment amounts to \$500.0 million Mexican Pesos, (Please refer to Note 1.2.10.c.).

d. CEBURES

On February 8, 2018, the Company made the repayment of the public debt issuance, CEBURES of the second placement for an amount of \$1,300.0 million of historical Mexican Pesos. (Please refer to Note 23.a.ii.)

For this debt maturing in 2018, the Company swapped fixed rate in Pesos for a fixed rate in U.S. Dollars, exchanging principal and interest payments that were realized on this date, the Company received \$1,300.0 million of Mexican Pesos and paid \$102.2 million U. S. Dollars. This payment ended the hedged contracted and the CEBURES liability (Please refer to Note 23.a. and 23.b.).

e. Long-term electric supply contract

On February 28, 2018, the Company executed a 15-year electricity supply contract with various subsidiaries of El Puerto de Liverpool, S. A. B. de C. V. ("Liverpool"). The electricity will be generated by a new solar power plant that will be located in the municipality of Benjamin Hill in the State of Sonora, Mexico. The plant will have the capacity to supply Liverpool and other large energy consumers. The Company will be responsible of the development, construction and operation of the project that will have a capacity of 125 MW with an investment of approximately \$130.0 million. The beginning of commercial operations is expected to occur in the second half of 2019.

f. Capital contribution to IMG

On February 28, 2018, the Company made a capital contribution of \$24.8 million to IMG.

39. Approval of Financial Statements

The accompanying Consolidated Financial Statements were authorized for issuance on March 1, 2018, by Manuela Molina Peralta, Chief Financial Officer, and subject to the approval of the Management Board and the ordinary shareholders of the Company, who may be modified in accordance with the provisions of the General Law of Commercial.

40. Registered offices

- Paseo de la Reforma No. 342 Piso 24
Torre New York Life
Col. Juarez, C.P. 06600
Mexico, D. F.
- Campos Eliseos No. 345 Piso 4
Torre Omega
Col. Chapultepec Polanco C.P. 11550
Mexico, D. F.
- Carretera Escenica Tijuana – Ensenada km. 81.2
Col. El Sauzal, C. P. 22760
Ensenada, B.C.
- Carretera Mexicali Tijuana km. 14.5
Col. Sonora, C. P. 21210
Mexicali, B.C.
- Avenida Tecnológico No. 4505
Col. Granjas, C. P. 31160
Chihuahua, Chih.
- Boulevard Francisco Eusebio Kino No. 309
Piso 10, Col. Country Club
Hermosillo, Sonora
- Carretera Federal Cuota 15D, km 461 820,
San Roman Corralillos, CP 45464
Guadalajara, Jalisco
- Avenida Constitucion Poniente No. 444
Col. Monterrey Centro C. P. 64000
Monterrey, Nuevo Leon



Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Pro forma Combined Statements of Financial Position

As of December 31, 2016

(In thousands of U.S. Dollars)

"Pro forma additional information"

As of December 31, 2016				
Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries (Note 4(1))	Ductos y Energeticos del Norte, S. de R. L. de C. V. (Note 4(2))	Pro Forma Adjustments (Note 5)	Notes	Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries Pro Forma
Assets				
Current assets:				
Cash and cash equivalents	\$ 24,918	\$ 8,819	\$ —	\$ 33,737
Short-term investments	80	—	—	80
Trade and other receivables, net	100,886	—	—	100,886
Due from unconsolidated affiliates	12,976	5,101	(6,844)	11,233
Finance lease receivables	7,155	—	—	7,155
Income taxes receivable	6,390	—	—	6,390
Natural gas inventories	6,083	—	—	6,083
Derivative financial instruments	6,913	—	—	6,913
Value added tax receivable	27,600	—	—	27,600
Other assets	9,289	107	—	9,396
Restricted cash	51,363	—	—	51,363
Assets held for sale	191,287	—	—	191,287
Total current assets	444,940	14,027	(6,844)	452,123
Non-current assets:				
Due from unconsolidated Affiliates	104,352	3,080	(93,016)	14,416
Derivative financial instruments	1,127	—	—	1,127
Finance lease receivables	950,311	—	—	950,311
Deferred income tax assets	75,999	17,364	1,227	94,590
Investment in joint ventures	125,355	155,328	117,729	398,412
Other assets	4,855	—	—	4,855
Property, plant and equipment, Net	3,614,085	1,689	(2,530)	3,613,244
Intangible assets	154,144	—	32,508	186,652
Goodwill	1,651,780	—	—	1,651,780
Total non-current assets	6,682,008	177,461	55,918	6,915,387
Total assets	\$ 7,126,948	\$ 191,488	\$ 49,074	\$ 7,367,510

Liabilities and Stockholders' Equity

As of December 31, 2016					
	Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries (Note 4(1))	Ductos y Energeticos del Norte, S. de R. L. de C. V. (Note 4(2))	Pro Forma Adjustments (Note 5)	Notes	Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries Pro Forma
Current liabilities:					
Short-term debt	\$ 493,571	\$ —	\$ 258,920	a, b	\$ 752,491
Trade and other payables	94,566	505	—		95,071
Due to unconsolidated affiliates	260,914	5,755	(10,967)	a	255,702
Income tax liabilities	13,322	—	—		13,322
Derivative financial instruments	10,310	—	—		10,310
Other financial liabilities	5,877	—	—		5,877
Provisions	930	—	—		930
Other taxes payable	27,872	140	—		28,012
Other liabilities	28,861	—	—		28,861
Liabilities related to assets held for sale	35,451	—	—		35,451
Total current liabilities	971,674	6,400	247,953		1,226,027
Non-current liabilities:					
Long-term debt	1,039,804	—	—		1,039,804
Due to unconsolidated affiliates	3,080	179,872	(182,952)	a	—
Deferred income tax liabilities	489,607	—	—		489,607
Provisions	51,035	—	—		51,035
Derivative financial instruments	215,851	—	—		215,851
Employee benefits	5,586	—	—		5,586
Total non-current liabilities	1,804,963	179,872	(182,952)		1,801,883
Total liabilities	2,776,637	186,272	65,001		3,027,910
Stockholders' Equity:					
Common stock	963,272	331	(331)	a	963,272
Additional paid-in capital	2,351,801	—	—		2,351,801
Accumulated other comprehensive (loss) income	(126,658)	(3,097)	1,549	a	(128,206)
Retained earnings	1,161,896	7,982	(17,145)	a	1,152,733
Total equity	4,350,311	5,216	(15,927)		4,339,600
Total liabilities and equity	\$ 7,126,948	\$ 191,488	\$ 49,074		\$ 7,367,510

See accompanying notes to the Pro forma Combined Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Pro forma Combined Statements of Profit

For the twelve-month period ended December 31, 2016
(In thousands of U.S. Dollars)

Year ended December 31, 2016					
	Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries (Note 4(1))	Ductos y Energeticos del Norte, S. de R. L. de C. V. (Note 4(2))	Pro Forma Adjustments (Note 5)	Notes	Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries Pro Forma
Revenues	\$ 717,894	\$ 19,584	\$ 253,382	a, c	\$ 990,860
Cost of revenues	(237,789)	—	(2,630)	a, c	(240,419)
Operating, administrative and other expenses	(104,754)	(8,500)	(45,364)	a, c	(158,618)
Depreciation and amortization	(64,384)	(74)	(40,932)		(105,390)
Interest income (expense)	6,269	95	(7,753)	a, c	(1,389)
Finance costs	(20,836)	(8,247)	(33,969)	a, b, c	(63,052)
Other gains (losses), net	2,168	(232)	(12,108)	a, c	(10,172)
Remeasurement of equity method investment	673,071	—	—		673,071
Profit before income tax and share of profits of joint ventures	971,639	2,626	110,626		1,084,891
Income tax (expense) benefit	(147,158)	5,607	(41,798)	a, c	(183,349)
Share of profit (loss) of joint ventures, net of income tax	42,841	13,179	(42,379)	a, c	13,641
Profit for the year from continuing operations	\$ 867,322	\$ 21,412	\$ 26,449		\$ 915,183
Loss for the year from discontinued operations, net of income tax	(112,332)	—	—		(112,332)
Profit for the year	\$ 754,990	\$ 21,412	\$ 26,449		\$ 802,851

See accompanying notes to the Pro forma Combined Financial Statements.

Infraestructura Energetica Nova, S. A. B. de C. V. and Subsidiaries

Notes to the Pro forma Combined Financial Statements

As of December 31, 2016

(In thousands of U.S. Dollars, except where otherwise stated)

1. Activities

Infraestructura Energetica Nova, S. A. B. de C. V. and subsidiaries (collectively, the "Company") is located and incorporated in Mexico. Its parent and ultimate holding company is Sempra Energy (the "Parent"), domiciled and incorporated in the State of California in the United States of America ("U.S."). The address of the Company's registered offices is Paseo de la Reforma No. 342 Piso 24, Torre New York Life, Colonia Juarez, Ciudad de Mexico.

The Company operates in the energy sector and is organized in two separately managed reportable segments, Gas and Power. Amounts labeled as Corporate consist of parent company activities at IEnova.

The Gas segment develops, owns and operates, or holds interests in, natural gas, LPG and ethane pipelines, storage facilities for liquified natural gas ("LNG"), LPG, transportation, distribution and sale of natural gas in the states of Baja California, Sonora, Sinaloa, Coahuila, Chihuahua, Durango, Tamaulipas, Chiapas, San Luis Potosi, Tabasco, Veracruz, Nuevo Leon and Jalisco, Mexico. It also owns and operates an LNG terminal in Baja California, Mexico, for importing, storing and regasifying LNG.

The Power segment develops three solar projects located in Baja California, Aguascalientes and Sonora, Mexico, owns and operates a natural gas fired power plant that includes two gas turbines and one steam turbine, owns a wind farm located in Nuevo Leon, Mexico and holds interests in a renewable energy project in a joint venture in Baja California, Mexico, both renewable energy projects use the wind resources to serve costumers in Mexico and in the U. S., respectively.

The Company is also developing a project for the construction of a marine terminal and two in-land terminals for the reception, storage and delivery of refined products, located in Veracruz, Ciudad de Mexico and Puebla, Mexico, respectively.

In February 2016, the Company's management approved a plan to market and sell Termoelectrica de Mexicali, S. de R. L. de C. V. and subsidiaries ("TDM"), as of March 31, 2016, and ahead, the assets and liabilities were classified under current assets and liabilities as held for sale and the corresponding discontinued operation effects in the Pro forma Combined Statements of Profit.

On September 26, 2016, the Company completed the acquisition of IEnova Pipelines, S. de R. L. de C. V. ("IEnova Pipelines") (formerly Gasoductos de Chihuahua, S. de R. L. de C. V.) ("IEnova Pipelines acquisition") through IEnova Gasoductos Holding, S. de R. L. de C. V., ("IGH") a subsidiary of IEnova; therefore, the Company now holds 100 percent of IEnova Pipelines's shares. The final price of the transaction was \$1,077.6 million, net of cash acquired. IEnova Pipelines has been included in the Company's consolidated financial statements since the acquisition date.

On December 14, 2016 through Controladora Sierra Juarez, S. de R. L. de C. V. ("CSJ") a subsidiary of the Company completed the acquisition of Fistera Energy Netherlands III, B. V., Fistera Energy Netherlands, IV B. V., Fistera Energy Mexico III, S. de R. L. de C. V., Fistera Energy Mexico IV, S. de R. L. de C. V., Ventika, S. A. P. I. de C. V., and Ventika II, S. A. P. I. de C. V. (collectively "Ventika") ("Ventika acquisition"). The final price of the transaction was \$434.7 million, plus the assumption of outstanding debt of \$485.3 million. Ventika has been included in the Company's consolidated financial statements since the acquisition date.

2. Description of the asset acquisition, the "Transaction"

On November 15, 2017, IEnova completed the acquisition to Pemex Transformacion Industrial ("Pemex TRI") of the 50 percent interest in Ductos y Energeticos del Norte S. de R. L. de C. V. ("DEN"), a joint venture that holds a 50 percent interest in the Los Ramones Norte pipeline, through TAG Norte Holdings S. de R. L. de C. V. ("TAG"), for a purchase price of \$164.8 million (exclusive of \$17.2 million of cash and cash equivalents acquired), plus the assumption of \$95.8 millions of intercompany debt. This acquisition increases IEnova's ownership interest in TAG from 25 percent to 50 percent. IEnova Pipelines previously accounted for its 50 percent interest in DEN as an equity method investment. As of November 1, 2017, DEN became a wholly owned, consolidated subsidiary of IEnova. DEN will continue to account for its interest in TAG as an equity method investment.

This transaction was accounted as an asset acquisition because DEN does not meet the definition of a business, since it does not have substantive inputs or processes. DEN's most significant asset is its equity method investment in TAG, the entity that owns the Los Ramones Norte pipeline. The excess consideration over the fair value of assets acquired and liabilities assumed was allocated on a relative fair value basis between the equity investment in TAG and an acquired intangible asset related to an Operation and Maintenance ("O&M") contract with TAG.

3. Description of the Transaction Financing

The Company financed the Transaction through the disposition of a credit line ("the credit line"), up to the amount of the Transaction related. Debt and interest expense are included in the Pro forma Combined Financial Statements.

4. Basis for presentation of the Pro forma Combined Financial Statements

The accounting policies applied in the preparation of the Pro forma Combined Financial Statements comply with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB").

The Pro forma Combined Statements of Financial Position and the Pro forma Combined Statements of Profit have been prepared based on the assumptions that the Company's management believes are appropriate in the current circumstances.

The Pro forma Combined Financial Statements include the Pro forma Combined Statements of Financial Position as of December 31, 2016 and the Pro forma Combined Statements of Profit for the year ended December 31, 2016.

The Pro forma Combined Financial Statements present the financial information of the Company as if the DEN Acquisition and its financing occurred (i) with respect to the Pro forma Combined Statements of Financial Position as of December 31, 2016 and (ii) with respect to the Pro forma Combined Statements of Profit for the year ended on December 31, 2016.

As the IEnova Pipelines acquisition and Ventika acquisition were completed on September 26, 2016 and December 14, 2016, respectively, for comparative purposes, the Pro forma Combined Statements of Profit for the year ended December 31, 2016, present the financial information of the Company as if the IEnova Pipelines acquisition and Ventika acquisition occurred as of January 1, 2016.

Accordingly, the Pro forma Combined Financial Statements were compiled using the following information:

- (1) The annual audited Consolidated Statement of Financial Position and the audited Consolidated Statement of Profit of the Company as of and for the year ended on December 31, 2016, prepared in accordance with IFRS.
- (2) The annual unaudited Consolidated Statement of Financial Position and the audited Consolidated Statement of Profit of DEN as of and for the year ended on December 31, 2016, prepared in accordance with IFRS.

(3) The historical unaudited financial information of IEnova Pipelines is derived from the historical Interim Consolidated Statements of Profit of IEnova Pipelines for the period ended on September 26, 2016 (before the acquisition date), prepared in accordance with the Accounting Principles Generally Accepted in the United States as reconciled to IFRS.

(4) The historical unaudited Condensed Interim Combined Statements of Profit of Ventika for the period ended on December 14, 2016 (before the acquisition date), prepared in accordance with IAS 34, Interim Financial Reporting.

5. Pro forma adjustments

Pro forma adjustments as of December 31, 2016, included in the accompanying Pro forma Combined Statements of Financial Position and for the year ended December 31 2016, included in the Pro forma Combined Statements of Profit as described below, represent the DEN's asset acquisition and its financing had taken place on January 1, 2016.

This information is not intended to present the Company's results of operations or its financial position as though the DEN asset acquisition had occurred on the aforementioned dates, nor is it intended to project the Company's operating results and financial position for any future periods or as of any future dates.

In order to present the effects of the DEN asset acquisition in the Pro forma Financial Statements the management applied certain pro forma adjustments to the historical figures of the related companies.

Adjustments to the Pro forma Combined Statements of Financial Position as of December 31, 2016 and adjustments to the Pro forma Combined Statements of Profit for the year ended December 31, 2016:

- a. The pro forma adjustments represent the consolidation of DEN, elimination of previous equity method of joint venture in the Company from DEN, related party balances and transactions, including payment of debt from stockholders of DEN.
- b. The withdrawal of the credit line including the application of the funds to the payment of the transaction.
- c. Consolidation of IEnova Pipelines, elimination of previous equity method from IEnova Pipelines as a joint venture, elimination of balances and transactions with affiliates and remeasurement of equity method investment.
- d. TAG is not part of the assignment agreement. Therefore, the pro forma adjustments exclude the assets and liabilities related to TAG. After the Transaction is consummated, the Company will hold a 50 percent joint venture investment in TAG.
- e. Pursuant to the Assignment Agreement, tax and accounting treatment of the transaction must be consistent, therefore, it was considered as an acquisition of equity interest for the purposes of income tax law.

6. Recognized amounts of identifiable assets acquired and liabilities assumed of DEN

	As of December 31, 2016
Current assets	\$ 7,183
Non-current assets, mainly property, plant and equipment, net and other assets	94,369
Current and long-term liabilities	(6,400)
Total identifiable net assets	95,152
Remeasurement in joint venture investments in accordance with pro forma adjustments	117,729
Intangible assets	41,950
Acquisition costs paid	(143)
Payment of loans acquired through DEN acquisition	(89,936)
Total consideration transferred	\$ 164,752

The pro forma adjustments include the amounts of identifiable assets acquired and liabilities assumed and consolidation adjustments of DEN.

The effect on stockholders' equity, including the elimination of DEN, is summarized as follows:

Stockholder's equity	As of December 31, 2016
Capital stock	\$ (331)
Accumulated other comprehensive income	1,549
Retained earnings	(17,145)
	\$ (15,927)

ACRONYMS, FORMULAS
AND GLOSSARY

ACRONYMS

ASEA	National Agency for Industrial and Environment Protection in the Hydrocarbons Sector
Bbl	Barrels
BMV	Mexican Stock Exchange
CEMEFI	Mexican Center for Philanthropy
CENACE	National Center for Controlling Energy
CFE	Federal Electricity Commission
CICESE	Ensenada Center for Scientific Investigation and University Studies
COSO	Committee of Sponsoring Organizations of the Treadway Commission
EBITDA	Earnings Before Taxes, Depreciation, and Amortization
ECA	Energía Costa Azul S. de R.L. de C.V., LNG storage and regasification terminal
ECOGAS	ECOGAS México, S. de R.L. de C.V., IEnova's natural gas distribution business
ERM	Enterprise Risk Management
ESJ	Energía Sierra Juárez: the 155 MW wind farm located at La Rumorosa, in the Mexican state of Baja California
FCPA	Foreign Corrupt Practices Act
GAP	Aguaprieta Pipeline
GPTW	Great Place to Work (program that ranks the best companies to work for)
GRO	Rosarito Pipeline
GW	Giga-watts
GWh	Giga-watts hour
HP	Horse Power
IENOVA	Infraestructura Energética Nova S.A.B. de C.V.
INECOL	Jalapa Institute of Ecology
IPC	IPC Index of the Mexican Stock Exchange
ISO	International Organization for Standardization

ISR	Income Tax
JV	Joint Venture
KM	Kilometer
KW	Kilowatts
KWH	Killowatts-hour
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas
LTAR	Lost Time Accident Rate
MMcfd	Millions of cubic feet daily
MMBbl	Millions of barrels
MMMP	Marine Mammals Monitoring Program
MW	Megawatts
MW _{ac}	Megawatt, alternate current
NOM	Official Mexican Standard
OECD	Organization for Economic Cooperation and Development
OHSAS	Occupational Health and Safety Assessment Series
PEMEX	Petróleos Mexicanos
PEMEX TRI	Pemex Transformación Industrial (TRI), formerly known as Pemex Gas y Petroquímica Básica, is the state production company, a subsidiary of Pemex
PROFECO	Federal Consumer Protection Agency
PROFEPA	Federal Environmental Protection Agency
SASISOPA	Process and Occupational Safety, and Environmental Management System
SCADA	Supervisory Control and Data Acquisition
SCR	Selective Catalytic Reduction
SEMARNAT	Mexican Ministry of the Environment and Natural Resources
SEMPRA ENERGY	The indirect controlling shareholder of IEnova; a company incorporated in accordance with the laws of the state of California, in the US
STPS	Mexican Ministry of Labor and Social Welfare
TDM	Termoeléctrica de Mexicali, S. de R.L. de C.V., IEnova's power plant
TGN	Transportadora de Gas Natural de Baja California, S. de R.L., one of IEnova's natural gas pipelines
TRIR	Total Recordable Incident Rate
UABC	Autonomous University of Baja California
USD\$	US dollars
VAT	Value Added Tax
VENTIKA	252 MW wind farm located in the state of Nuevo León

CHEMICAL FORMULAS

CH ₄	Methane
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent (a measurement used to compare several greenhouse gas emissions based on their global warming potential)
N ₂ O	Nitrogen oxide
NOx	Nitrogen oxides (applies to various compounds formed by oxygen and nitrogen)
SOx	Sulfur oxides (applies to various compounds formed by oxygen and sulfur)

GLOSSARY

CARBON DIOXIDE EQUIVALENT	A measurement used to compare several greenhouse gas emissions based on their global warming potential
BENTHONIC FAUNA	A group of organisms that live on sea beds
INVOLUNTARY TURNOVER RATE	(Number of hires in a year - number of involuntary cuts in a year) / Total number of employees
TOTAL TURNOVER RATE	(Number of hires in a year - number of voluntary and involuntary cuts in a year) / Total number of employees
VOLUNTARY TURNOVER RATE	(Number of hires in a year - number of voluntary cuts in a year) / Total number of employees
THE CLIMATE REGISTRY	NGO in the US that measures and verifies international carbon standards
OPERATING UNIT	Refers to IEnova's companies operating in the gas and electricity business segments



Los Ramones Compression Station

ABOUT THIS REPORT

[102-12, 102-45, 102-46, 102-49, 102-50, 102-52, 102-54, 102-55, 102-56]

This is the fifth Sustainability Report published by IEnova. In it we describe in detail our company's performance for 2017, including our accomplishments, areas for improvement, and challenges we faced concerning economic, social, and environmental issues related to our business strategy and to the commitment that we, as a company, have made to sustainability. For the third time, the Report includes the company's financial highlights.

This Sustainability Report + Financial Report summarizes the information pertaining to our Gas and Electricity business segments, including companies that offer natural gas, LPG, and ethane pipelines and storage services, as well as liquefied natural gas storage; companies that distribute natural gas; and our combined-cycle plant and wind farms.

In drafting this report we followed the GRI Sustainability Reporting Standards, with the "Core" option.

The information included in this report covers the period between January 1st and December 31st 2017. It employs the information contained in our databases and the analyses carried out by each of the companies that make up IEnova, enabling the reader to trace and compare data.

The issues identified in the IEnova materiality assessment, done for the first time in 2014, are reviewed annually to confirm they are still relevant to our stakeholders. Modifications are reflected in our materiality matrix. Following the new GRI Standards, we report on the information pertaining to the indicators related to our material aspects and boundaries, as well as on those that we consider to be most relevant to our stakeholders. We obtained the GRI Materiality Disclosures Service mark for the fourth consecutive year. Our

methodology is described in the chapter entitled "We are a Sustainable Company." In addition, throughout the Report we describe the formulas used to calculate the indicators and we specify the operating units for which we are reporting the information. We have also clearly identified any changes in our metrics with respect to information reported in prior years.

Within the Gas Segment, unless otherwise specified, the consolidated performance data for IEnova includes, for the first time, information on the assets belonging to Gasoductos de Chihuahua, a company from which, in September 2016, we purchased the 50% stake we didn't previously own from Pemex Transformación Industrial (TRI). In the Electricity Segment, the Report consolidates data on Energía Sierra Juárez—a cross-border wind farm that we built and now operate as part of our joint venture with InterGen, in which we have a 50% stake—as well as data on our Ventika wind farm, which we acquired in December 2016.

For the fourth consecutive year, Deloitte, as an independent third-party, verified 30 material indicators included in this Sustainability Report.

As a signatory of the UN Global Compact since 2015, this Report constitutes IEnova's third Communication on Progress (COP). We also include herein the progress we have made in terms of the Compact's ten principles and our contribution to the UN Sustainable Development Goals (SDGs).

We thank you for your interest in IEnova. We are certain the Report contains enough detailed information about IEnova's social responsibility performance. This 2017 Sustainability Report + Financial Report is available to view and download on our website: www.ienova.com.mx

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This Report is a translation from the original version in Spanish. In case of discrepancy, the Spanish version prevails.



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