

# Proposed Acquisition of a Leading Integrated Waste Platform in South Korea

8 August 2022

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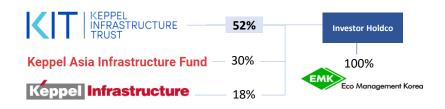
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### Proposed acquisition of a leading waste platform in South Korea

Acquisition marks KIT's expansion into South Korea

- Jointly investing with Keppel entities to acquire Eco Management Korea (EMK), with KIT holding 52% majority interest
- EMK is a leading integrated waste management player in South Korea with diversified business operations across solid waste management (incl. incineration), liquid waste management and landfill





Key Terms of Proposed Acquisition		
Seller	IMM Investment and Korea Development Bank Private Equity	
Purchase Consideration	Total: KRW 626.1b (approx S\$666.1m <sup>1</sup> ) KIT's interest: KRW 325.6b (approx S\$346.4m <sup>1</sup> )	
Proposed Funding	Combination of internal sources of funds, equity and/or debt capital market issuances and/or external borrowings	
Expected Completion	2H 2022, subject to condition precedents <sup>2</sup>	

- 1. Based on an exchange rate of S\$1 : KRW 940.
- 2. Including the consummation of the spin-off and transfer of all issued and outstanding equity interests in Shindaehan Refined Fuel Co., Ltd. (Shindaehan) and other related assets and liabilities to a new subsidiary of the Seller. Shindaehan is in the business of wastewater treatment and waste oil refining and will not be part of the Target Group to be acquired under the SPA.



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## **EMK: South Korea's leading integrated waste platform**

Defensive business backed by blue chip customers

Solid <b>3rd largest</b> incineration capacity in South Korea (404 tons/day)	Liquid Largest waste oil refining player in South Korea (154 tons/day)	Landfill 4 <sup>th</sup> largest landfill capacity in South Korea, and 2 <sup>nd</sup> largest in Yeongnam area
Solid	Liquid	Landfill
<ul> <li>Capable of treating both general and designated waste</li> <li>High treatment volume and unit price in Seoul Metropolitan</li> <li>The only integrated waste management platform capable of sludge drying</li> </ul>	<ul> <li>Major waste acid/alkali neutralization player</li> <li>Extensive customer base due to its location in Seoul Metropolitan Area</li> </ul>	<ul> <li>Commencement of business in Jan 2022</li> <li>Potential expansion in capacity</li> </ul>

#### Key customers of EMK:

LG, Samsung, Coupang, K Water, KCC Glass Corporation, Hanil Cement, Korea Advanced Nano Fab Center, Korea Electronics Technology Institute, Cheongju City and Jincheon-Gun



## **EMK: Essential service provider with nationwide coverage**

Strong presence in key regions including the Seoul Metropolitan Area and Yeongnam



### **Incineration facilities**

in Seoul Metropolitan, Chungcheong and Honam



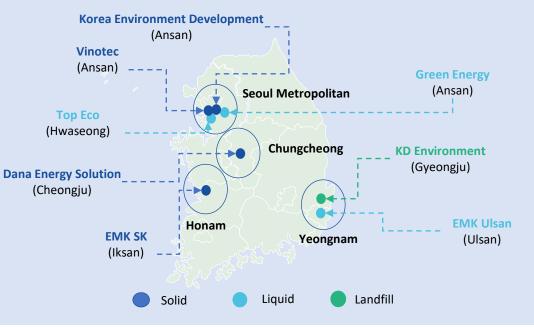
### Sludge dry facilities

in Seoul Metropolitan, Chungcheong and Honam

### Landfill site

in Yeongnam with remaining capacity of 1.5 million m<sup>3</sup> (useful life of approx. 10 years)

### Businesses strategically located in key industrial regions





### EMK: Strong operational track record with best-in-class operations

Providing essential waste management services



KEPPEL INFRASTRUCTURE 6 TRUST

### **Key investment highlights**

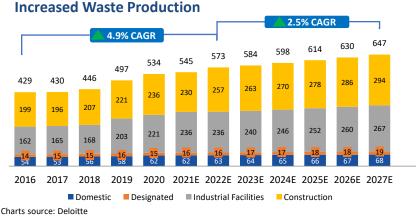
Rare opportunity to acquire a waste management platform of scale in South Korea





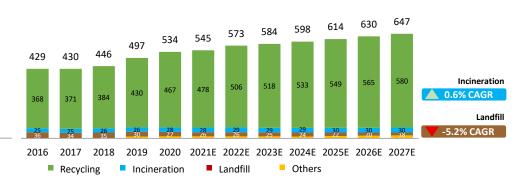
## Strategic expansion into a market supported by strong tailwinds

Supported by continued waste production and limited growth in incineration and landfill capacity



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#### **Waste Treatment Capacity**



Supply Constraints	Demand Drivers		
Increasingly <b>stringent</b> regulations and difficulties obtaining new licenses	Waste production to grow at a CAGR of 2.5% from 2022 to 2027	Limited expansion in incineration and landfill capacity of 0.6% and -5.2% respectively from 2022 to 2027	
Not in My Backyard phenomenon putting constraints on additional supply	Waste volume <b>shielded</b> from macroeconomic turbulence	<b>Transition</b> from government run to private due to growing government debt ratio	
Landfill: Shutdown of public landfills in 2025	Incineration: Diaper waste reclassified from medical to industrial to grow volume		



## High barriers of entry favouring incumbent players with scale

Sustainable competitive advantage creates favourable macro environment for existing players

- 1 Increasingly stringent environmental policies/regulations
- Challenges in obtaining business/operating licenses
- Not in My Backyard phenomenon: waste management facilities are not welcomed by residents

- ✓ Strong operational expertise
- ✓ Strong funding capability
- ✓ Strong interface with multiple agencies at the national and regional levels
- ✓ Strong rapport with local community

Stringent environmental standards impose higher compliance requirements and costs that smaller players are unable to manage, benefiting incumbent players with scale

#### 🛓 🛛 Solid

- More stringent regulations on the types and amounts of air pollutants emitted for new and expanding incinerator
- Limited new licenses granted since 2014

#### 💧 Liquid

- More stringent regulations and monitoring system for wastewater to reduce illegal discharge
- Delay in licensing process

#### 🛲 Landfill

- Government's landfill reduction policy/regulation and monitoring of leachate treatment
- Local community consent is becoming a prerequisite



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Leveraging proprietary expertise across the Keppel Group

Draw on the Group's development and operational track record to value add and grow EMK



Proven and patented WTE technologies used in more than 100 facilities globally

#### **Incineration capacity**

>70,000

tonnes/day of solid waste treatment

- Developer, technology provider and operator of WTE plants globally
- Provides a complete suite of solid waste management solutions that suit the varying needs of customers.

Completed

>100

WTE projects globally



Keppel Infrastructure





- Capitalise on EMK's strong market position and industrial track record for capacity expansion
- Pursue bolt-on acquisitions

Keppel Asia Infrastructure Fund

#### KEPPEL INFRASTRUCTURE TRUST

- Over a decade of track record in managing WTE and water treatment facilities: owns
   2 WTE plants that treat ~40% of Singapore's incinerable waste
- Strong value creation for portfolio companies through organic and inorganic growth: successful execution of roll up strategy at Ixom, increasing utilization rate at Philippine Coastal

#### **Keppel Asia Infrastructure Fund**

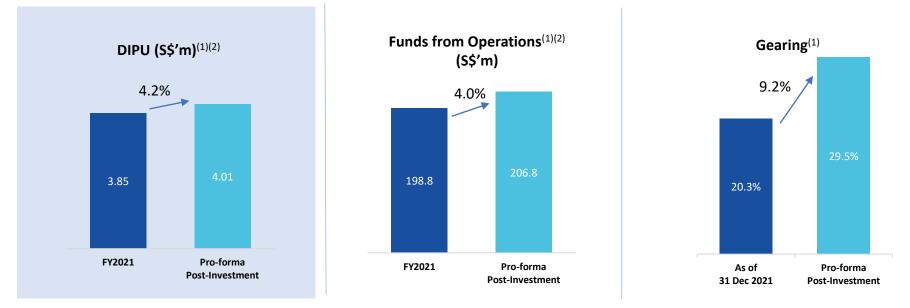
 Provides growth capital to operating businesses and projects in the infrastructure space



### Accretive acquisition that strengthens portfolio resiliency

DIPU expected to increase by 4.2% from 3.85 cents for FY2021 to 4.01 cents

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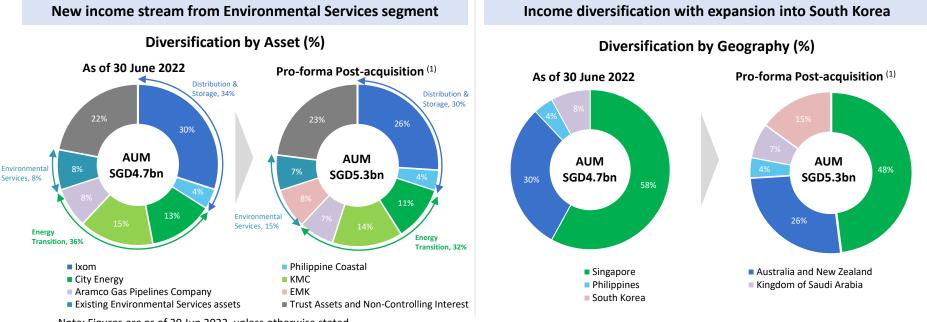
- 1. Pro-forma figures assume the estimated transaction expenses and KIT's investment is fully funded by existing free cash and debt facilities.
- 2. Includes adjustments to better reflect a normalized state of business operations in FY2021. Please refer to the SGXNet announcement for details.



## Accretive acquisition that strengthens portfolio resiliency

Enhance KIT's income diversification with maiden acquisition in South Korea

- Growing Environmental Services segment from 8% to 15% of AUM as at 30 Jun 2022: key essential businesses and assets with defensive cash flows
- Expansion into South Korea, a key market identified for growth: Rated AA by international credit agencies



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RUCTURE

Note: Figures are as of 30 Jun 2022, unless otherwise stated.

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1. On a proforma basis that KIT consolidates the financials of the Investor Holdco and EMK and its subsidiaries

## Supports KIT's ESG targets, contributing to the circular economy

Waste management is an essential service for building sustainable and liveable cities



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Critical Component of the Circular Economy



Waste oil refining, waste acid / alkali neutralization, production of Waste Derived Fuel allows for recycling and reuse of essential raw materials

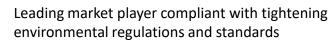
Energy generated from incineration plants also used for steam and heat supply to key customers

Solid waste incineration reduces volume of waste by up to 90%, ensuring the long-term sustainability of landfill



Essential Waste Treatment Infrastructure









## Thank You

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