



**ASIAN PAY TELEVISION TRUST** 





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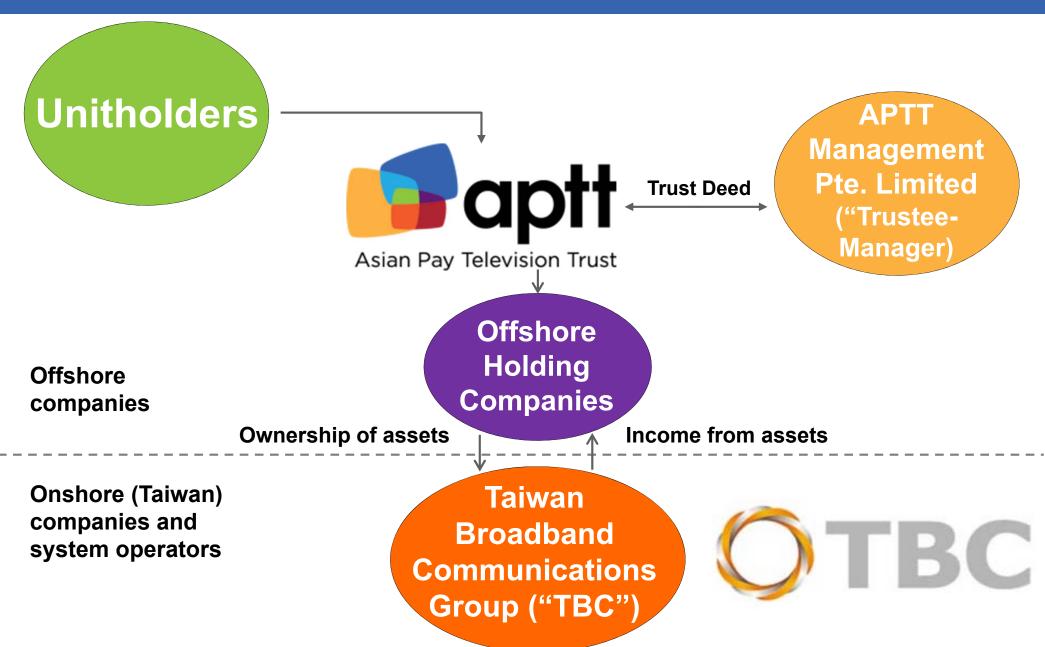
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## **BUSINESS OVERVIEW**

#### TRUST STRUCTURE





#### **OVERVIEW**





APTT is a business trust with a mandate to own & operate pay-TV & Asian Pay Television Trust broadband businesses in Taiwan, Hong Kong, Japan & Singapore

- Independent directors comprise majority of the Board of Directors (4 out of 6)
- Sole investment in Taiwan Broadband Communications ("TBC") Taiwan's third largest cable TV operator

## BC Sole cable TV operator in five franchise areas in Taiwan, with network coverage of more than 1.2 million homes

- Owns 100% of the hybrid fibre coaxial cable network in the five franchise areas
- Resilient business with high barriers of entry due to high network roll out requirements
- Large customer base makes TBC attractive to local content providers; unique commercial arrangement with content providers
- Long standing relationship with subscribers; deep understanding of Taiwanese viewers' preference

#### **PRODUCT OFFERINGS**

Approx. 85% of revenue is subscription-based from the three products

#### **BASIC CABLE TV**

Over 100 channels on Basic cable TV, including all of top 20 channels in Taiwan: most of the content not available on any other platform

#### PREMIUM DIGITAL CABLE TV

Up to 79 additional channels including 41 HD channels, through MPEG4 platform

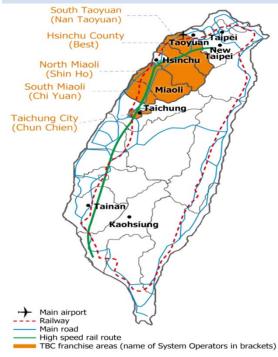
25% Premium digital cable TV penetration<sup>1</sup> with large addressable market of 100% digital set-top box penetration

#### **BROADBAND**

27% Broadband penetration1 with ability to cross-sell to remaining market on 100% DOCSIS 3.1 enabled HFC network and current speed offerings up to 300 Mbps

#### FRANCHISE AREAS IN **NORTHERN & CENTRAL TAIWAN**

Each of the five franchise areas shows unique growth potential



- Highly attractive demographics and low churn rate of 0.7%1 for Basic cable TV (761K<sup>1</sup> Revenue Generating Units)
- Limited competition from IPTV and DTH operators
- Up-sell Premium digital cable TV and cross-sell Broadband to large Basic cable TV subscriber base

Note: (1) As at 31 March 2018



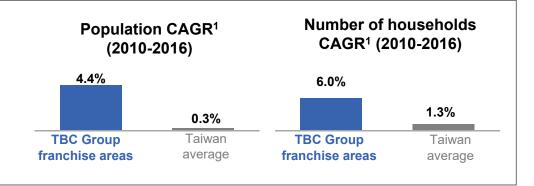
## **BUSINESS DRIVERS**

### TAIWAN MARKET – HIGHLY ATTRACTIVE FRANCHISE AREAS



#### Approx. 1.3 million households across five franchise areas in four counties of Taiwan

- Well connected via major railways, road transportation and/or international airports
- Increasing population due to workforce seeking employment in TBC Group's franchise areas
- Population growth in the five franchise areas (4.4%) outstrips national average (0.3%); Growing number of new households as more young Taiwanese set up families



# South Taoyuan

- Home to Taiwan Taoyuan
   International Airport and close proximity to Taipei
- Service area covers 918 km<sup>2</sup> and constitutes over 75% of the total area in Taoyuan County
- Approx. 388K households and population of 1.1 million



- Hsinchu Science Park is home to 360 high tech companies, the city has the highest income level in Taiwan<sup>2</sup>
- Approx. 187K households and population of 553K

#### Miaoli (North & South)



- Suburban mountainous region geographically located between Hsinchu and Taichung
- Well connected via major railway and road transportation systems
- Approx. 186K households and population of 551K

#### **Taichung City**



- Second largest city in Taiwan, approx. 2.8 million population; home to Taiwan's third airport -Taichung International Airport
- Vibrant, diverse economy: large industrial areas and a thriving commercial sector that incorporates traditional businesses, small familyrun shops & factories
- Approx. 580K households

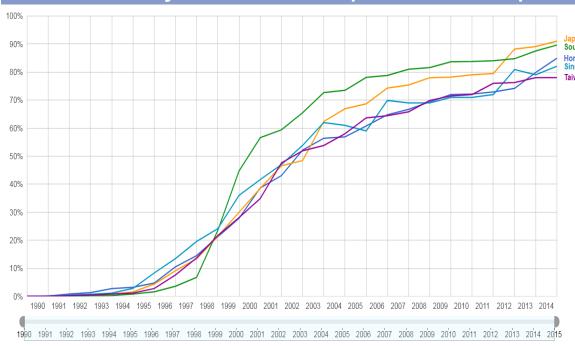
Notes: (1) National Statistics, R.O.C. (Taiwan) 2016

(2) Ministry of Labor, Taiwan

# TAIWAN MARKET – POTENTIAL IN BROADBAND



#### Relatively lower Broadband penetration and speed compared to other developed APAC markets

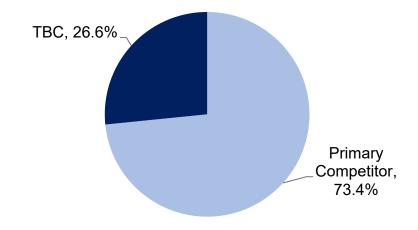


International Telecommunications Union

| Region       | Unique IPv4<br>Addresses | Average<br>Connection Speed<br>(Mbps) | Average Peak<br>Connection Speed<br>(Mbps) | % Above<br>4 Mbps | % Above<br>10 Mbps | % Above<br>15 Mbps |
|--------------|--------------------------|---------------------------------------|--|-------------------|--------------------|--------------------|
| ASIA PACIFIC |                          |                                       |  |                   |                    |                    |
| Hong Kong    | 3,248,227                | 21.9                                  | 129.5                                      | 94%               | 71%                | 54%                |
| Japan        | 46,179,708               | 20.2                                  | 94.5                                       | 93%               | 73%                | 52%                |
| South Korea  | 26,226,184               | 28.6                                  | 121.0                                      | 98%               | 85%                | 69%                |
| Singapore    | 1,882,779                | 20.3                                  | 184.5                                      | 94%               | 72%                | 51%                |
| Taiwan       | 9,524,660                | 16.9                                  | 94.7                                       | 95%               | 65%                | 38%                |

- Internet penetration has increased exponentially; but Broadband penetration remains lowest among the other four developed APAC markets (Japan, South Korea, Hong Kong, Singapore)
- Taiwan's average broadband speed also ranked last among the developed APAC markets at approx 16.9 Mbps
- TBC has approx. 26.6% of the market share in its five franchise areas

Approx. Market Share of Broadband in TBC's Five Franchise Areas



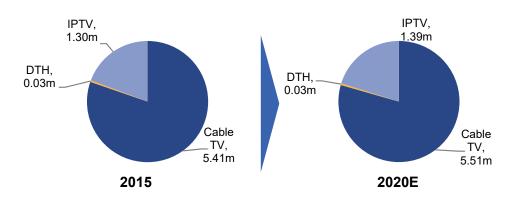
# HIGH BARRIERS TO ENTRY AGAINTS CABLE ENTRANTS IN TAIWAN



#### Cable TV continues to be the dominant TV platform

- Superior content portfolio at competitive pricing
- Affordable services
- Adoption of superior technology by operators
- Political, structural and technological disadvantages of IPTV in Taiwan

#### Pay-TV subscriptions share by platform<sup>1</sup>



#### Barrier to entry against new cable entrants

- High network roll-out requirements
- Long standing relationships with subscribers; strong brand awareness
- Deep understanding of Taiwan viewers' preferences

| Top 20 | channels in Taiwan (2017) |
|--------|---------------------------|
| 1      | Sanlih Taiwan Channel     |
| 2      | TVBS-News                 |
| 3      | EBC News                  |
| 4      | Cti News                  |
| 5      | Sanlih E-Television News  |
| 6      | Formosa TV News           |
| 7      | Sanlih City Channel       |
| 8      | YOYO TV                   |
| 9      | Unique Satellite TV       |
| 10     | GTV Drama                 |
| 11     | Star Chinese Channel      |
| 12     | ERA News                  |
| 13     | Star Chinese Movies       |
| 14     | EBC Drama                 |
| 15     | Videoland Movies          |
| 16     | EBC Financial News        |
| 17     | EBC Movies                |
| 18     | Videoland On-TV           |
| 19     | MoMo Kids                 |
| 20     | EBC Variety               |
|        |                           |

Note: (1) Source: Media Partners Asia 2016

# STATE-OF-THE-ART DELIVERY PLATFORM ADVANCED HFC NETWORK



## Substantially invested in an advanced Hybrid fiber-coaxial (HFC) network which combines optical fiber and coaxial cable for TBC

- Ownership of HFC network and fiber backbone allows TBC to operate independently of third-party networks
- Covers substantially all of ~1.2 million households in TBC Group's franchise areas
- TBC's Cable TV and Broadband services delivered over one advanced HFC network
- 100% DOCSIS 3.1 enabled, fully supporting 300 Mbps Broadband services
- MPEG4 delivery platform set up as early as 2009
  - 100% digital penetration
  - Better video quality
  - Greater video transmission capacity
  - More efficient provision of value-added features such as HDTV and DVR services

#### Forefront of digitisation in Taiwan



- TBC completed the digitisation of its subscriber base across all five franchise areas in 2017 and switched off analogue TV broadcasting. TBC was the first large cable TV operator in Taiwan to reach this milestone
- Well positioned to provide subscribers with the opportunity to watch the latest TV offerings in high definition digital format

# RESILIENT BUSINESS MODEL WITH EFFICIENT COST STRUCTURE



#### Utility-like, subscription-based business model with majority of payments made in advance

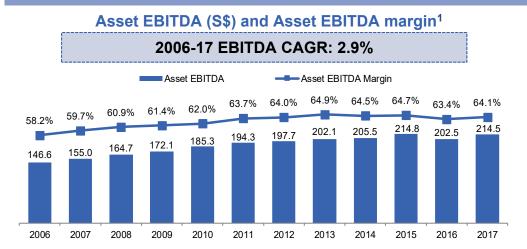
Consistent growth, competing effectively against alternative pay-TV platforms & withstanding economic downturns

#### Resilient business with stable Basic cable TV RGUs

# Basic cable TV RGUs ('000) 2006-17 Basic cable TV RGU CAGR: 1.2% 738 749 751 755 756 758 762 762 762 762 7006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

# Revenue (S\$) 2006-17 Revenue CAGR: 2.6% 252.0 259.8 270.4 280.5 298.7 304.8 308.7 311.5 318.7 332.2 319.2 334.8

#### Growing EBITDA due to scalable & efficient cost structure



#### Key operating drivers supporting cost efficiency

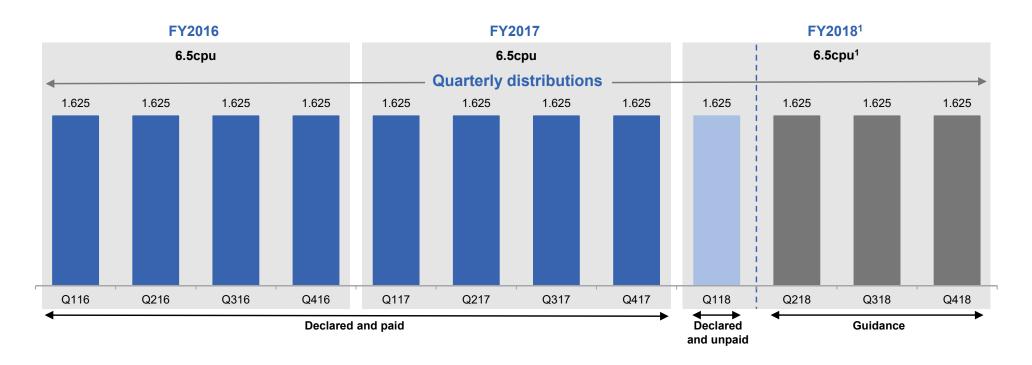
- Majority of popular channels are local, inexpensive content
- Lack of "killer content" resulting in strong negotiating position
- Headroom in network capacity allowing provision of additional services at limited incremental cost
- Low churn rate from enhanced customer experience and strong customer loyalty

#### **DISTRIBUTIONS**



#### Distributions underpinned by the operations and strong cash flows of TBC

- Distribution policy to distribute 100% of Distributable Free Cash Flows
- Quarterly distribution policy implemented since 3Q 2014
- 17 distributions paid to date totalling 38.43cpu (S\$552.2m)
- Guidance of 6.5 cpu for the year 2018<sup>1</sup>





## 31 MARCH 2018 RESULTS

#### **HIGHLIGHTS**



#### Slow start to 2018 but Broadband showing promise



## Q1 2018 EBITDA below expectations; full year EBITDA still expected at same level as 2017

- Q1 2018 performance was below expectations in the face of challenging operating and economic conditions in Taiwan
- Revenue for the quarter at S\$77.0 million
- EBITDA for the quarter at S\$45.5 million



#### **Broadband**

- Unbundling of promotions with Premium digital cable TV given the competitive pressures from the unlimited wireless data offerings from mobile operators
- Focus on providing best available discounts for Broadband only offerings
- Focus on Broadband RGU growth, in the face of competitive market conditions, showed reasonable progress given the increase in RGUs and a stable ARPU



#### **Distributions**

- Distribution of 1.625 cents per unit paid for 31 December 2017 quarter; totalling 6.5 cents per unit paid for FY2017, in line with guidance
- Distribution of 1.625 cents per unit declared for Q1 2018
- Distribution guidance for FY2018 reaffirmed at 6.5 cents per unit, unchanged from 2017, subject to no material changes in planning assumptions

#### **KEY OPERATIONAL METRICS**



#### ARPUs stabilising, Broadband showing promise while Premium disappoints

| DCII- (1000)             | As          |             |   |
|--------------------------|-------------|-------------|---|
| RGUs ('000)              | 31 Mar 2018 | 31 Dec 2017 |   |
| Basic cable TV           | 761         | 762         | • |
| Premium digital cable TV | 187         | 193         | • |
| Broadband                | 204         | 203         | • |

| ARPU (NT\$ per month)    | Quarte      |             |   |
|--------------------------|-------------|-------------|---|
| Altro (NTV per month)    | 31 Mar 2018 | 31 Dec 2017 |   |
| Basic cable TV           | 506         | 511         |   |
| Premium digital cable TV | 135         | 138         | • |
| Broadband                | 443         | 444         | • |

#### Notes: (1) RGUs refer to revenue generating units

#### RGUs<sup>1</sup> and ARPU<sup>2</sup>:

- BASIC CABLE TV: RGUs expected to remain stable in 2018. ARPU stabilising as 2018 regulated rates remain unchanged over 2017.
- PREMIUM DIGITAL CABLE TV: RGUs decreased mainly due to the unbundling of promotions with Broadband given the competitive pressures in Broadband from the unlimited wireless data offerings from mobile operators. Focused on providing the best available discounts for Broadband only offerings. ARPU lower due to promotions and discounted bundled packages that were offered to generate new RGUs and to retain existing RGUs
- BROADBAND: RGUs increased to c.204,000 with ARPU almost unchanged. The focus on Broadband RGU growth, in the face of competitive market conditions from unlimited wireless data offerings from mobile operators, showed reasonable progress in the quarter given the increase in RGUs and a stable ARPU. Remain focused on providing the best available discounts for Broadband only offerings.

<sup>(2)</sup> Average Revenue Per User ("ARPU") is calculated by dividing the subscription revenue for Basic cable TV, Premium digital cable TV or Broadband, as applicable, by the average number of RGUs for that service during the period

#### FINANCIAL RESULTS



#### EBITDA in Q1 below expectations; full-year 2018 expected to be at same level as 2017

| Quarter e |   |   |
|-----------|---|---|
| 2018      | 2017  | Variance <sup>2</sup> %   |
|           |   |   |
| 60,691    | 65,750  | <b>4</b> (7.7)  |
| 3,613     | 3,975   | • (9.1)   |
| 12,704    | 12,861  | <b>•</b> (1.2)  |
| 77,008    | 82,586  | (6.8)   |
| (31,543)  | (33,700)  | 6.4   |
| 45,465    | 48,886  | (7.0)   |
| 59.0%     | 59.2%   |   |
|           | 2018 60,691 3,613 12,704 77,008 (31,543) 45,465 | 60,691 65,750 3,613 3,975 12,704 12,861 77,008 82,586 (31,543) (33,700) 45,465 48,886 |

**REVENUE DOWN 6.8%, EBITDA DOWN 7.0%** 

In constant Taiwan dollars ("NT\$"), revenue down 5.6% as foreign exchange contributed 1.2% negative variance

- BASIC CABLE TV: Down 6.5% in constant NT\$ terms
  mainly due to lower subscription revenue driven by
  marginally lower number of subscribers and ARPU in the
  quarter and lower revenue generated from channel leasing
  partially offset by higher airtime advertising sales
- PREMIUM DIGITAL CABLE: Down 7.9% in constant NT\$
  terms. Generated predominantly from TBC's average
  Premium digital cable TV RGUs each contributing an ARPU
  of NT\$135 per month during the quarter for Premium digital
  cable TV packages, bundled DVR or DVR-only services
- BROADBAND: Remained unchanged in constant NT\$ terms. Generated predominantly from TBC's average Broadband RGUs each contributing an ARPU of NT\$443 per month during the quarter for high-speed Broadband services

Notes: (1) Group refers to APTT and its subsidiaries taken as a whole

- (2) A positive variance is favourable to the Group and a negative variance is unfavourable to the Group
- (3) Total operating expenses exclude depreciation and amortisation expense, net foreign exchange loss/gain and mark to market movements on foreign exchange contracts, in order to arrive at EBITDA and EBITDA margin

TOTAL OPERATING EXPENSES: Lower operating expenses, mainly due to lower broadcast and production costs and staff costs in constant Taiwan dollar terms





#### Strong balance sheet, supportive of ongoing cash flow and future growth

| As at       |   |  |
|-------------|---|--|
| 31 Mar 2018 | 31 Dec 2017   |  |
|             |   |  |
|             |   |  |
| 69,790      | 66,835  |  |
| 11,519      | 11,845  |  |
| 2,337       | 1,278   |  |
| 83,646      | 79,958  |  |
|             |   |  |
| 322,599     | 320,852   |  |
| 2,387,053   | 2,391,052   |  |
| 1,135       | 1,058   |  |
| 2,710,787   | 2,712,962   |  |
| 2,794,433   | 2,792,920   |  |
|             |   |  |
|             |   |  |
| 18 322      | 14,677  |  |
| ,           | 21,692  |  |
|             | 13,182  |  |
| 57,921      | 59,566  |  |
| 109,461     | 109,117   |  |
|             |   |  |
| 1,399,979   | 1,379,888   |  |
| 86,695      | 73,323  |  |
| 37,444      | 40,791  |  |
|             | 1,494,002   |  |
| <u> </u>    | 1,603,119   |  |
| 1,160,854   | 1,189,801   |  |
|             | 31 Mar 2018  69,790 11,519 2,337 83,646  322,599 2,387,053 1,135 2,710,787 2,794,433  18,322 18,499 14,719 57,921 109,461  1,399,979 86,695 |  |

- Cash and cash equivalents: Cash balance of S\$69.8 million
- **Depreciation/amortisation:** Depreciation is computed on a straight-line basis over the estimated useful lives of the assets as follows:

Buildings: 3-50 years

• Leasehold improvements: 3-10 years

• Network equipment: 2-10 years

• Transport equipment: 5-7 years

• Plant and equipment: 2-6 years

• Leased equipment: 3 years

#### **BORROWINGS**



#### Sufficient capacity to fund future growth initiatives

| Group debt                                    |                      | As a        | As at       |  |
|---|----------------------|-------------|-------------|--|
|   |                      | 31 Mar 2018 | 31 Dec 2017 |  |
| Total size available                          | S\$ million          | 1,546       | 1,552       |  |
| Total outstanding                             | S\$ million          | 1,462       | 1,439       |  |
| YTD effective interest rate - constant dollar | % per annum ("p.a.") | 3.3         | 3.9         |  |
| YTD effective interest rate - SGD             | % p.a.               | 3.7         | 4.2         |  |
| Total net debt / EBITDA <sup>1</sup>          | Multiple             | 6.9         | 6.8         |  |
| Interest cover <sup>1</sup>                   | Multiple             | 3.4         | 3.4         |  |
| Gearing <sup>2</sup>                          | %                    | 50.8        | 49.9        |  |

- Interest rate swaps have been entered into which fix a significant portion of the interest rate exposure
- Approximately S\$84.3 million of revolving facilities are available to fund future initiatives
- Effective interest rate in constant dollar terms of 3.3% p.a. for the quarter ended 31 March 2018 compared to 3.9% p.a. for 2017
  - Actual effective interest rate in SGD was 3.7% p.a. for the quarter ended 31 March 2018 compared to 4.2% p.a. for 2017
- On 29 December 2017, TBC secured an incremental NT\$1.0 billion to its existing seven-year facilities of NT\$28.0 billion, totaling to NT\$29.0 billion
  - The borrowing facilities will enable TBC to fund necessary capital expenditure

Notes: (1) Calculated in accordance with the borrowing facilities agreement

(2) Total debt / total assets



## OUTLOOK

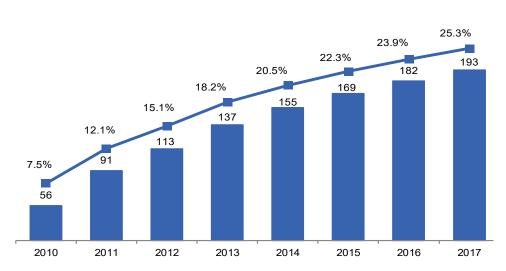
# ORGANIC GROWTH POTENTIAL: PREMIUM DIGITAL CABLE TV



#### Capitalising on the rising demand for HD TV sets and better quality videos

Premium digital cable TV RGUs ('000) and penetration

#### 2010-17 Premium digital cable TV RGU CAGR: 19.4%



- Digital cable TV penetration in Taiwan lower than that of Korea, Singapore and Hong Kong
- Consumer preference for better quality video and interactive services; growing number of HD television sets in Taiwan
- Regulatory push by NCC and government 100% digitisation target by 2017 → TBC was the first large cable TV operator to reach 100% digitisation

#### **Cross-selling initiatives**

### Set-top

- Promotional set-top boxes launched in March 2012
- Completed digitisation of its subscriber base across all five franchise areas in 2017 and switched off analogue TV broadcasting

## Premium digital channels

- 13 free channels, including 1 HD channel
- Better video quality across channels
- Incentivises customers to get Premium digital cable TV to access up to 79 additional channels, including 41 HD channels

#### **DVR** service

- Offered as part of bundling package as well as stand-alone service
- Leverages external hard disk drives which is more cost efficient
- Creates stronger customer loyalty

## Sales follow up / bundling

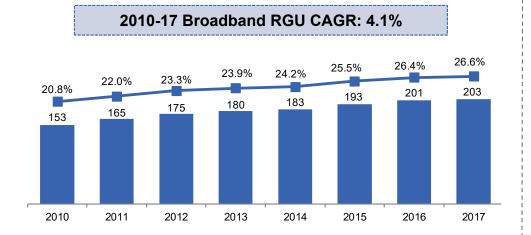
- Attractive bundling promotions
- Educate subscribers on usage and benefits of digital TV

# ORGANIC GROWTH POTENTIAL: BROADBAND



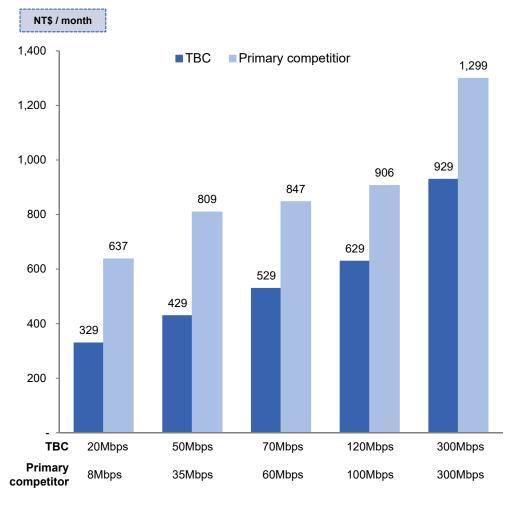
#### Focused on growing market share for Broadband business

#### Broadband RGUs ('000) and penetration



- High fixed broadband penetration in Taiwan; opportunity to gain more market share
- Rising demand for higher-speed broadband plans due to rapidly growing demand for data
- Competitive pricing and optional bundling with digital TV
- DOCSIS 3.1 enabled network that meets consumer demand for high-speed internet; 500Mbps launched in 2018
- Launch of value-added services including android OTT smart box and karaoke singing box

#### TBC Group offers competitive prices<sup>1</sup> with reliable services



Note: (1) Primary competitor pricing based on NCC data

#### OUTLOOK



With stable, resilient cash flow, APTT is a defensive business that is positioned to grow in a measured way

#### **GROWTH DRIVERS**



#### **OPERATING ENVIRONMENT**



#### Y UP-SELL & CROSS SELL

- Continue to build on the up-sell & cross sell initiatives across TBC's subscriber base to drive growth in future cash flows
- Leverage TBC's product offerings and strong subscriber base for growth



#### **BROADBAND RGU GROWTH**

- To navigate the competitive market environment, especially with mobile operators offering unlimited wireless data, continue to focus on Broadband RGU growth by offering discounted packages in order to acquire new RGUs from competitors and to retain existing RGUs
- High fixed broadband penetration in Taiwan; opportunity to gain more market share
- Rising demand for higher-speed broadband plans due to rapidly growing demand for data



#### **CHALLENGING ENVIRONMENT**

- Growth in RGUs is anticipated across all three of TBC's service offerings in the remainder of 2018
- However, total revenue for 2018 is anticipated to be influenced by a number of factors including the continued challenges in the economic and operating environment



### SCALABLE & EFFICIENT COST STRUCTURE

- Headroom in network capacity that allows provision of additional services at limited incremental cost
- Support inorganic growth in future



#### **PREMIUM DIGITAL TV**

- Room for growth as Digital cable TV penetration in Taiwan is still lower than that of Korea, Singapore and Hong Kong
- Consumer preference for better quality video and interactive services
- Growing number of HD television sets in Taiwan



#### HIGHLY REGULATED

Announced by the local authorities before the end of 2017: Basic cable TV rates for 2018 across all five franchise areas have been maintained at the same rates as 2017

FY2018 EBITDA is expected to be at the same level as FY2017, excluding FOREX impact

Distribution guidance maintained at 6.5 cents per unit in FY2018, consistent with FY2017



## THANK YOU