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## **Agenda**

- 1 2018 Highlights
- 2 HKEX Group Financial Review

3 Strategic Milestones Achieved in 2016-18

4 Appendix



#### 2018 - Key Highlights



#### Record full year revenue and PAT

Revenue of \$15.9bn (+20% YoY) and PAT of \$9.3bn (+26% YoY)



#### **Record volumes in Cash and Derivatives Markets**

Cash Market headline ADT +22% YoY, Futures and Options ADV +38% YoY, LME chargeable ADV +5% YoY



#### World leader in IPO funds raised

the 6th time in the last 10 years, with total funds raised of \$288 billion



#### **Stock Connect 4 year anniversary**

2018 enhancements include expanding the daily quota, launching Northbound Investor ID and reaching consensus with mainland exchanges to include WVR companies in Southbound Connect



#### **Growth in Bond Connect**

ADT reached RMB3.6 billion, foreign holdings in China's interbank bond market more than doubled to RMB1.7 trillion as of December, Bloomberg became Bond Connect's second trading platform



#### **Solid Contribution from Commodities**

LME volumes returned to growth, Qianhai Mercantile Exchange spot trading platform launched in October, a foundation for HKEX's commodities business in China



#### **Key Financial Highlights – Strong Growth in Revenue and Profits**

#### Revenue and other Income



#### **EBITDA**



**Basic Earnings per Share** 



#### **Full Year Dividend per Share**





## **Agenda**

1 2018 Highlights

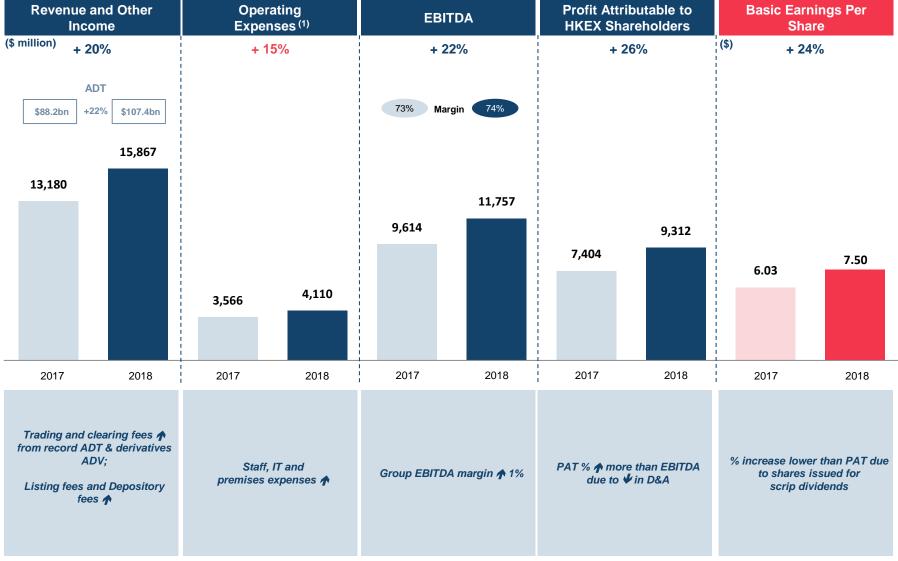
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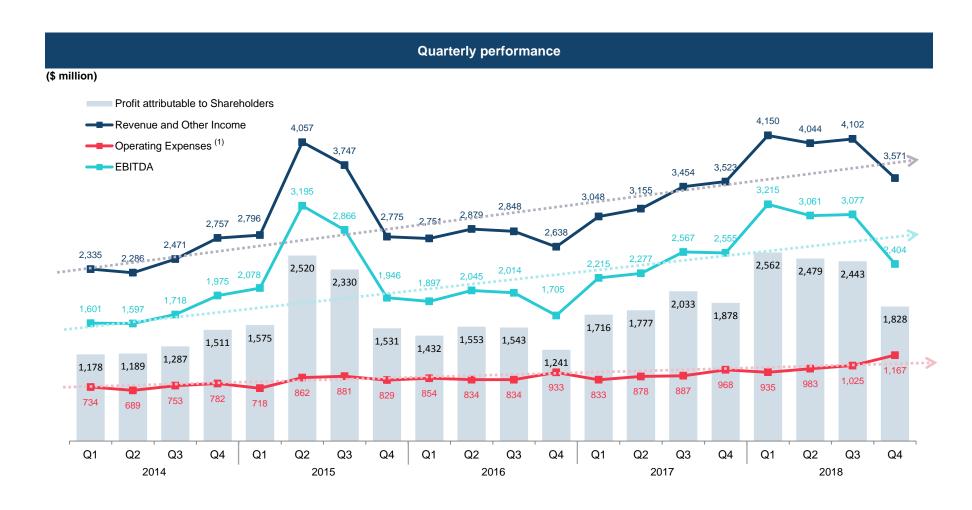


#### **Record Financial Performance**





#### Q1-Q3 2018 Performance Significantly above Historical Trend Line



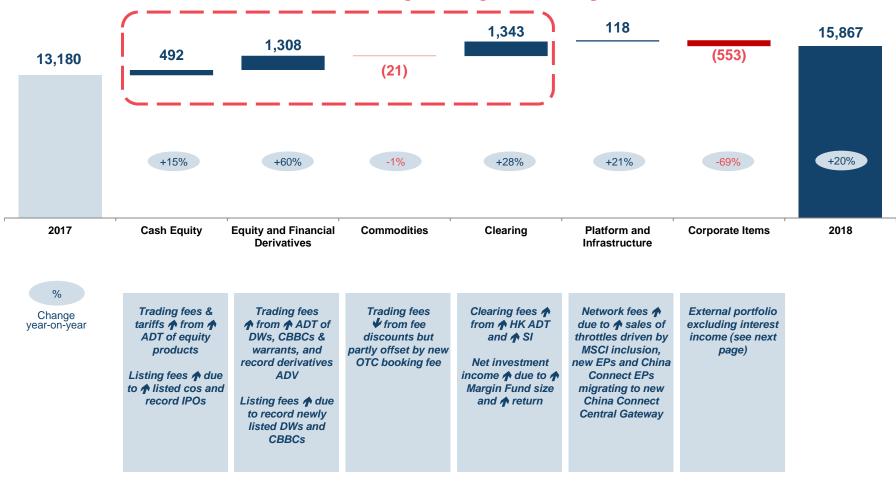
Strong ADT and ADV in the first 3 quarters of 2018, moderating in Q4, resulting in overall record financial performance for the year



## Excellent Performance from Equity, Derivatives and Clearing Segments<sup>(1)</sup>

Segmental revenue (\$ million)

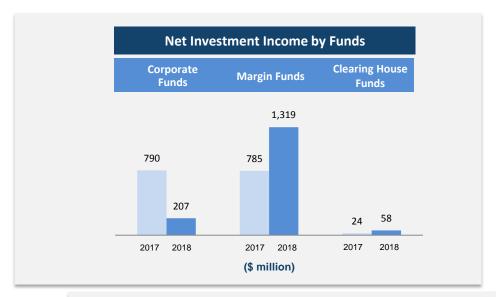
Increase came from cash and derivatives trading & clearing fees and listing fees

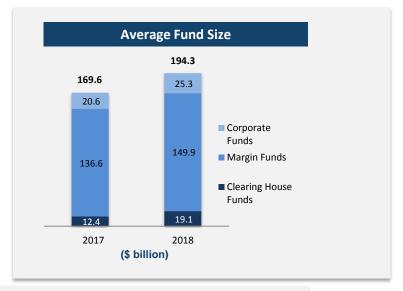


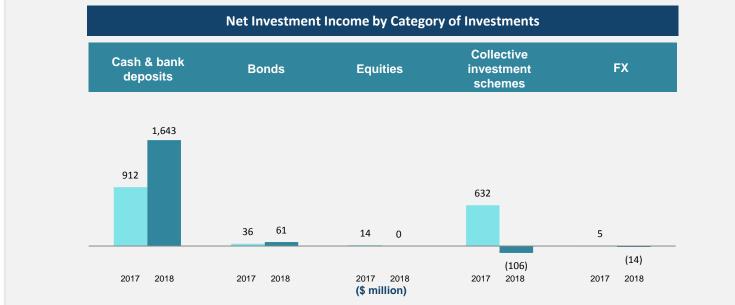


#### Net Investment Income In Line with 2017, Despite Weakening Economic Backdrop

2018: \$1,584m (2017: \$1,599m)









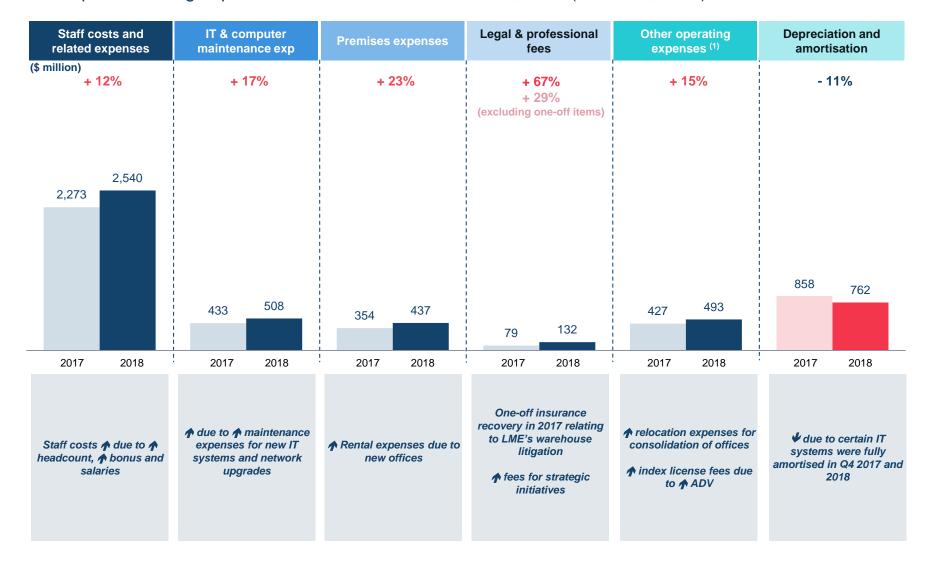
## **Segmental EBITDA: Higher Total EBITDA with Particularly Good Performance from Equities, Derivatives and Clearing**

Cash Equity	Equity & Financial Derivatives	Commodities	Clearing	Platform & Infrastructure	Group Total (incl. Corp. Items)	
(\$ million) + 18%	+ 71%	- 10%	+ 32%	+ 24%	+ 22%	
% EBITDA Margin  % Share of Group EBITDA (before Corporate Items)					11,757	
83% 85%	78% 84%	54% 49%	84% 87%	73% 75%	9,614	
2,782 3,271	2,930	777 698	5,356	409 508	100%	
28% 26% 2017 2018	2017 2018	2017 2018	2017 2018	2017 2018	2017 2018	
Trading fees & tariffs♠ from ♠ ADT of equity products  Listing fees ♠ due to ♠ listed cos and record IPOs	↑ ADT of equity record derivatives ADV products  Listing fees ↑ due to ↑ record newly listed DWs		Clearing fees from HK ADT and SI  Net investment income on Margin Fund size and return  Opex due to staff costs, IT costs and premises expenses	Network fees A due to A sales of throttles driven by MSCI inclusion, new EPs and China Connect EPs migrating to new China Connect Central Gateway	Overall EBITDA margin <b>∱</b> 1%	



### **Operating Expenses – Investments in Talent, IT and Premises**

Total opex excluding depreciation & amortisation - 2018: \$4,110m (2017: \$3,566m)





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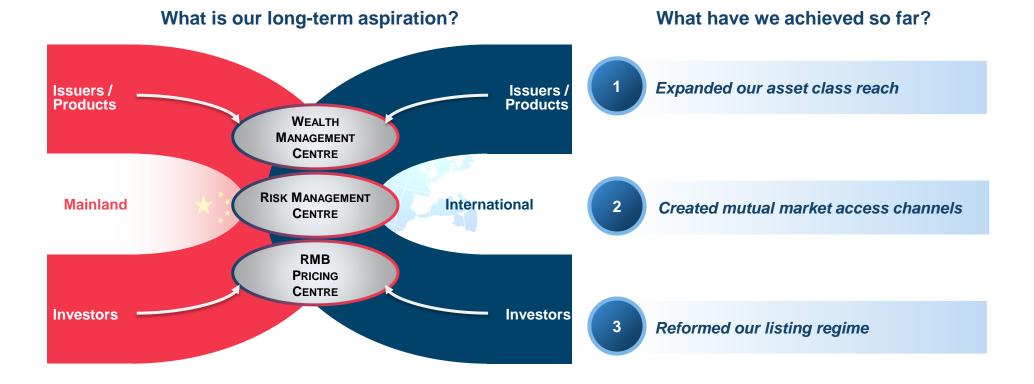
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## **Recap of HKEX's Strategic Vision**





#### **Key Strategic Milestones Achieved in 2016-18**

EQUITIES

- 1. Grow core listing franchise
- 2. Expand mutual connectivity, launch "Primary Connect"
- 3. Expand our derivatives product suites

- ✓ Listing Reforms
  ✓ Shenzhen Conne
- √ Shenzhen Connect, Connect enhancements
- ✓ Investor ID for Northbound
- ✓ A shares index inclusion
- ✓ New products (L&I, MSCI AXJ Futures, SSF&O)

FIC

- 1. Launch new benchmark RMB derivatives
- 2. Offer new OTC Clear products
- 3. Explore Bond Connect



√ Bond Connect + enhancements

✓ LME Strategic Pathway delivery

✓ Qianhai Mercantile Exchange

- ✓ Pilot T-bond futures
- ✓ New currency pairs, options
- √ Cross-currency swaps, client clearing

COMMODITIES

- 1. Expand product complex in London and Hong Kong
- 2. "Financialise" the LME
- 3. "Physicalise" the Mainland market
- 4. Pursue "Commodities Connect" with Mainland

✓ LMEprecious✓ Hong Kong gold futures



- 1. Upgrade core systems
- 2. Consolidate data centres and leverage Mainland Technology Centre
- 3. Enhance market microstructure



- √ OTP-Cash, Genium 4
- √ Hedge exemption, position limit
- ✓ After-hours enhancements
- **✓ VCM, CAS, Pre-trade Risk Management**
- ✓ Innovation Lab





## **Q & A**



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## **Financial Highlights – Income Statement**

(\$ million, unless stated otherwise)	2018	% of Revenue & Other Income	2017	% of Revenue & Other Income	Y-o-Y Change
Results					
Revenue and other income	15,867	100%	13,180	100%	20%
Operating expenses	(4,110)	(26%)	(3,566)	(27%)	15%
EBITDA	11,757	74%	9,614	73%	22%
Depreciation and amortisation	(762)	(5%)	(858)	(7%)	-11%
Operating profit	10,995	69%	8,756	66%	26%
Finance costs and share of profits less losses of joint ventures	(112)	(1%)	(146)	(1%)	-23%
Profit before taxation	10,883	68%	8,610	65%	26%
Taxation	(1,592)	(10%)	(1,255)	(9%)	27%
Loss attributable to non-controlling interests	21	0%	49	0%	-57%
Profit attributable to HKEX shareholders	9,312	58%	7,404	56%	26%
Basic earnings per share (HK\$)	\$7.50		\$6.03		24%
Headline ADT on the Stock Exchange	\$107.4 bn		\$88.2 bn		22%
Capex	\$988 m		\$788 m		25%



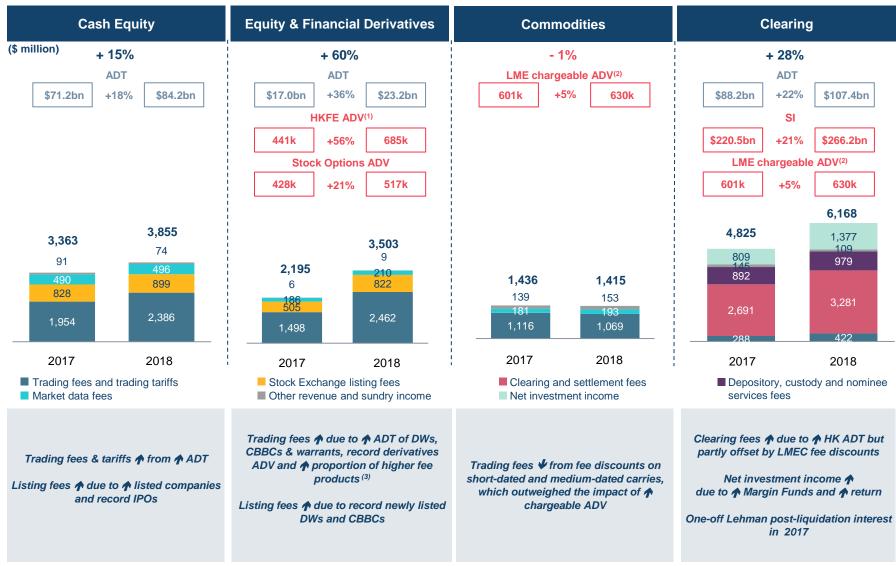
## **Performance by Operating Segment**

\$ million	Cash Equity	Equity & Financial Derivatives	Commodities	Clearing	Platform and Infrastructure	Corporate Items	Group 2018	Group 2017
Revenue and other income	3,855	3,503	1,415	6,168	678	248	15,867	13,180
% of Group Total	24%	22%	9%	39%	4%	2%	100%	100%
Operating expenses	(584)	(573)	(717)	(812)	(170)	(1,254)	(4,110)	(3,566)
EBITDA	3,271	2,930	698	5,356	508	(1,006)	11,757	9,614
% of Group Total (1)	28%	25%	6%	46%	4%	(9%)	100%	100%
EBITDA margin	85%	84%	49%	87%	75%	N/A	74%	<b>73</b> %
Depreciation and amortisation	(82)	(71)	(298)	(193)	(37)	(81)	(762)	(858)
Finance costs	-	-	-	(38)	-	(76)	(114)	(134)
Share of profits less losses of joint ventures	10	(8)	-	-	-	-	2	(12)
Profit before taxation	3,199	2,851	400	5,125	471	(1,163)	10,883	8,610



#### **Drivers of Trading and Clearing Revenue**

Relationship between headline ADT and overall trading and clearing income is not linear



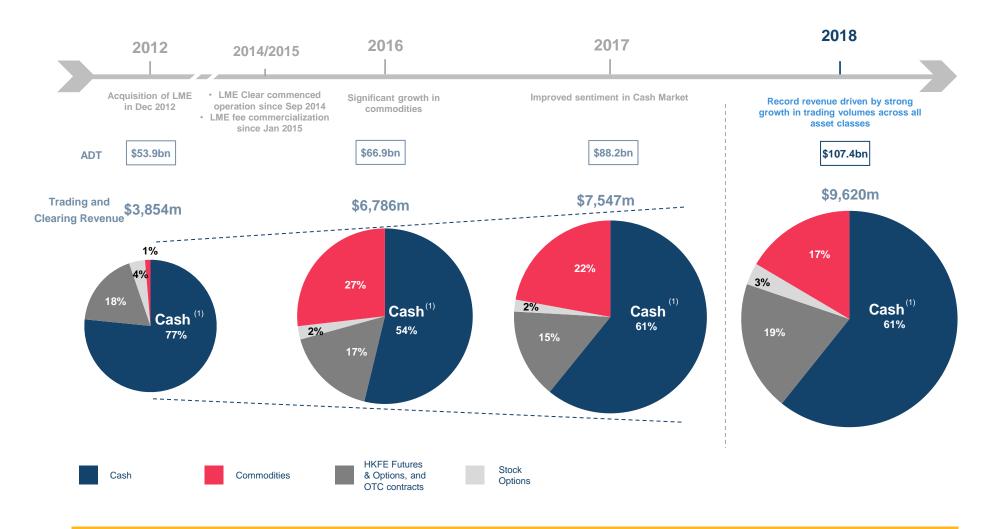


<sup>(1)</sup> Excludes London Metal Mini Futures, Gold Futures and Iron Ore Futures

<sup>(2)</sup> Total LME ADV: 730k (2017: 624k)

<sup>(3)</sup> A higher proportion of HSI products were traded and various stock options moved to a higher fee tier in 2018

### **Trading and Clearing Revenue by Segment**

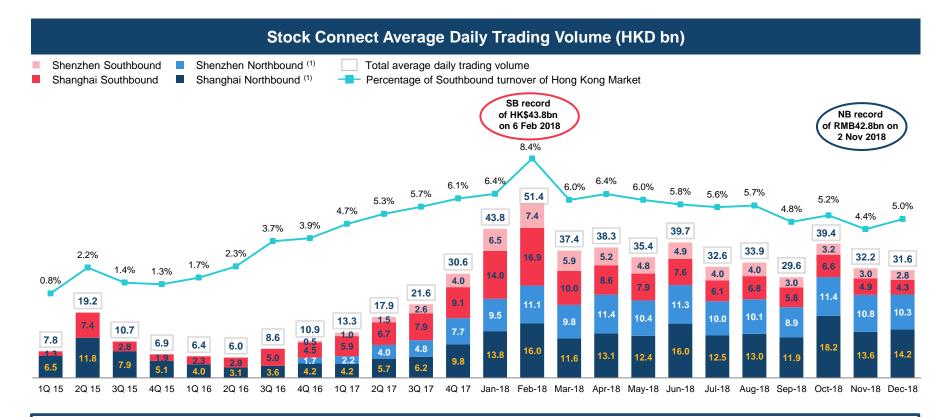


Revenue diversification following acquisition of LME and growing Derivatives Market



#### **Stock Connect – Trading Trends**

Stock Connect contributed \$678m in income in 2018, 65% higher than 2017



- Southbound turnover picked up after the announcement of Shenzhen-Hong Kong Stock Connect<sup>(2)</sup> and the approval of onshore insurance funds to trade through Shanghai-Hong Kong Stock Connect<sup>(3)</sup>
- Northbound turnover exceeded Southbound in 2018 in particular after the MSCI A-shares inclusion

Further index inclusions in 2019 are expected to stimulate Northbound turnover



<sup>(2)</sup> CSRC and SFC jointly announced the approval of Shenzhen-Hong Kong Stock Connect on 16 Aug 2016

<sup>(3)</sup> China Insurance Regulatory Commission (CIRC) published the notice on 8 Sep 2016

# Thank you

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