Pursuant to Chapter 38 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited, the Securities and Futures Commission regulates Hong Kong Exchanges and Clearing Limited in relation to the listing of its shares on The Stock Exchange of Hong Kong Limited. The Securities and Futures Commission takes no responsibility for the contents of this announcement, makes no representation as to its accuracy or completeness, and expressly disclaims any liability whatsoever for any loss howsoever arising from or in reliance upon the whole or any part of the contents of this announcement.



香港交易及結算所有限公司

HONG KONG EXCHANGES AND CLEARING LIMITED

(Incorporated in Hong Kong with limited liability) (Stock Code: 388)

(Financial figures in this announcement are expressed in Hong Kong dollar unless otherwise stated)

#### 2018 INTERIM RESULTS, INTERIM DIVIDEND AND CLOSURE OF REGISTER OF MEMBERS

The Board is pleased to submit the unaudited consolidated results of the Group for the six months ended 30 June 2018.

F IN/	ANCIAL HIGHLIGHTS Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m	Change
Revenue and other income	8,194	6,203	32%
Operating expenses	1,918	1,711	12%
EBITDA*	6,276	4,492	40%
Profit attributable to shareholders	5,041	3,493	44%
Basic earnings per share	\$4.07	\$2.86	42%
Interim dividend per share	\$3.64	\$2.55	43%

 Record high half-yearly revenue and other income and profit attributable to shareholders were achieved during the six months ended 30 June 2018 (1H 2018).

- Revenue and other income for 1H 2018 was 32 per cent higher than the same period in 2017 (1H 2017). Key
  highlights for the period include:
  - A significant increase in trading and clearing fees driven by record half-yearly high Cash Market headline ADT and Derivatives Market ADV; and
  - Higher Stock Exchange listing fees as the number of newly listed DWs and CBBCs both achieved record halfyearly highs.
- Operating expenses increased by 12 per cent against 1H 2017, attributable to increases in staff costs, IT costs and premises expenses.
- EBITDA margin of 77 per cent for 1H 2018 was 5 per cent higher than 1H 2017.
- Profit attributable to shareholders rose by 44 per cent to a record half-yearly high of \$5,041 million.

	Six months ended 30 Jun 2018		Change
KEY MARKET STATISTICS			
ADT of equity products traded on the Stock Exchange (\$bn)	<b>100.4</b> <sup>1</sup>	61.4	64%
ADT of DWs, CBBCs and warrants traded on the Stock Exchange (\$bn)	26.2	14.6	79%
ADT traded on the Stock Exchange (headline ADT) (\$bn)	<b>126.6</b> <sup>1</sup>	76.0	67%
ADV of derivatives contracts traded on the Futures Exchange (contracts)	<b>659,149</b> <sup>1</sup>	424,546	55%
ADV of stock options contracts traded on the Stock Exchange (contracts)	<b>574,249</b> <sup>1</sup>	354,969	62%
ADV of metals contracts traded on the LME (lots)	763,965	597,542	28%

\* For the purposes of this announcement, EBITDA is defined as earnings before interest expenses and other finance costs, taxation, depreciation and amortisation. It excludes the Group's share of results of the joint ventures.

## **CHAIRMAN'S STATEMENT**

I am delighted to present my first Chairman's statement. It was my great honour and privilege to return to the Board and be elected by my fellow Board members as the Chairman. I would like to take this opportunity to pay tribute to my predecessor, the Honourable Chow Chung Kong, who provided great leadership over the past six years during which HKEX has achieved remarkable growth laying a solid foundation for further development.

During the first half of 2018, the world's financial markets experienced bouts of volatility following significant corrections across major stock markets. Investor sentiment was dominated by uncertainties over escalating US/China trade tensions, geopolitical risk in several parts of the world and policy divergence of major central banks. Lingering uncertainties are likely to cast a dark cloud over the global markets for the remainder of this year.

Amid the world's increased market volatility, the average daily turnover value in the Hong Kong securities market and the average daily volume of futures and options trading in the Hong Kong derivatives market were \$126.6 billion and 1,233,398 contracts for the first six months of 2018, up 67 per cent and 58 per cent respectively against the same period last year. Our IPO market also saw increased activity, with deals<sup>1</sup> up by 50 per cent during the period, despite a 6 per cent decline in the funds raised. In London, the average daily volume of metals contracts (excluding new non-fee generating administrative trades introduced in June 2017) traded on the LME was 11 per cent higher than the volume in the first half of 2017, following introduction of short- and medium-dated carry discounts in the fourth quarter of last year.

For the six months ended 30 June 2018, the Group recorded consolidated revenue and other income of \$8,194 million and a profit attributable to shareholders of \$5,041 million, up 32 per cent and 44 per cent respectively against the corresponding period of 2017. The Board declared an interim dividend of \$3.64 per share, which is 90 per cent of the profit attributable to shareholders.

Facing a rapidly changing financial landscape, HKEX continued its effort to ensure that its stock market stays relevant and competitive. In April 2018, we implemented our largest listing reform in 25 years to facilitate listing of companies from emerging and innovative sectors while ensuring appropriate safeguards for investor protection. We were glad to see the listing of the first company under the new regime in early July. To further enhance overall market quality, we announced amendments to the Listing Rules on capital raisings and delisting in May and to the Corporate Governance Code in July, following market consultations in 2017. We also launched a market consultation in June to seek views on proposed Listing Rule amendments to address concerns about backdoor listings and shell activities.

The expansion of Stock Connect's daily quota in May 2018, along with the inclusion of A shares in the MSCI indices in June, provided a catalyst for raising international interest in Mainland China's financial markets. To capitalise on the growing opportunities ahead, we continued to enhance our product portfolio during the first half of this year. Equity Index Options were included in the after-hours trading of our Derivatives Market in May to provide market users with more choice and greater flexibility for risk management and investment. We also extended the contract months and strikes available for HSI and HSCEI Futures and Options, introduced new single stock futures and options contracts and MSCI Asia ex Japan Index Futures, and enhanced our USD/CNH Futures with new contract month and calendar spreads. In London, the LME introduced its updated financial OTC booking fee policy and enhanced trading regulations, following market consultation in November 2017. We are now looking to launch several new contracts, including LMEprecious options, while working to expand our precious metals, aluminium, ferrous metals and battery materials markets.

Details of our progress in various initiatives are set out in the Business Review section of this announcement.

<sup>1</sup> Includes transfers of listing from GEM to Main Board

As the world enters a new era of Fintech, there will be many opportunities as well as challenges. At HKEX, an innovation lab was established to explore the increased use of emerging technologies in various parts of our business, both operationally and strategically. We will continue to collaborate with our regulators and other stakeholders to refine our Connect programmes, enhance our market quality and competitiveness, and strengthen the governance structure of HKEX.

I will work with my fellow Board members and the management team in the next couple of months to formulate HKEX's next three-year strategic plan to set our blueprint for 2019 to 2021. The Board has renewed the contract of Charles Li as HKEX's Chief Executive until 15 October 2021. We are confident that Mr Li will continue to contribute to the success of the HKEX Group and guide it to a promising future. Last but not least, I would like to thank our Shareholders and other stakeholders for their support to the Group, and our employees for their relentless efforts to help mobilise the Group on the path of sustainable development.

CHA May-Lung, Laura Chairman

#### MANAGEMENT DISCUSSION AND ANALYSIS

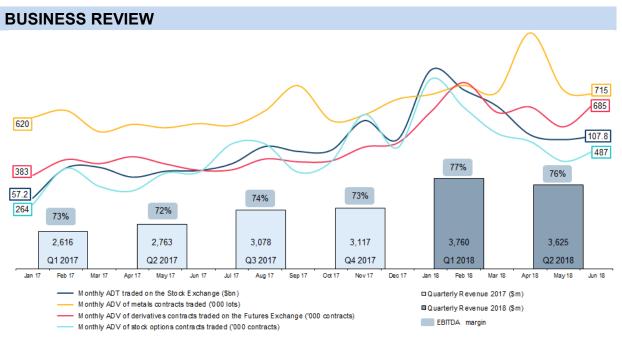


Fig. 1 – Market activity and Group Revenue<sup>2</sup>

Market sentiment weakened in Q2<sup>3</sup> 2018 amid increased uncertainties and concerns over the trade war initiated by the US. Cash Market headline ADT in Q2 2018 dropped to \$106.8 billion, 27 per cent below Q1 2018, but was 37 per cent above Q2 2017. With the inclusion of China A shares in MSCI Inc's Emerging Markets Index in Q2 2018, the Northbound ADT reached record quarterly high, being 7 per cent higher than the previous record achieved in Q1 2018. Trading volumes in the Derivatives Market moderated in Q2 2018 due to decreased volatility, with a 5 per cent drop in the ADV of HKFE contracts and 28 per cent drop in ADV of stock options against Q1 2018.

Revenue and other income of Q2 2018 was 3 per cent lower than Q1 2018. Lower trading and clearing revenue was partly offset by seasonal increases in depository, custody and nominee services fees and higher net investment income from Margin Funds in Q2 2018.

For 1H 2018, revenue and other income rose by 32 per cent against 1H 2017, reaching a halfyearly record of \$8.2 billion. This was driven by strong headline ADT and ADV in Derivatives Market, and higher Stock Exchange listing fees arising from newly listed DWs and CBBCs.

Operating expenses for 1H 2018 increased by 12 per cent against 1H 2017. This primarily reflects an increase in staff costs due to increased headcount, annual payroll adjustments and higher variable pay accruals, increases in premises expenses for new offices, and higher IT maintenance expenses for new IT systems and upgraded networks. The Group continues to maintain a prudent approach to cost management whilst investing in key strategic initiatives for future growth.

<sup>2</sup> Excludes net investment income and sundry income

<sup>3</sup> Q1 = first quarter, Q2 = second quarter, Q3 = third quarter, Q4 = fourth quarter, 1H = first half, 2H = second half

#### Business Update and Analysis of Results by Operating Segment

		onths ended n 2018	• · · · ·	nonths ended n 2017	Cha	inge
	Revenue and other income \$m	EBITDA \$m	Revenue and other income \$m	EBITDA \$m	Revenue and other income %	EBITDA %
Results by segment:						
Cash	2,099	1,817	1,512	1,221	39%	49%
Equity and Financial Derivatives	1,734	1,454	952	730	82%	99%
Commodities	706	352	721	440	(2%)	(20%)
Clearing	3,140	2,740	2,308	1,930	36%	42%
Platform and Infrastructure	327	252	279	204	17%	24%
Corporate Items	188	(339)	431	(33)	(56%)	927%
	8,194	6,276	6,203	4,492	32%	40%

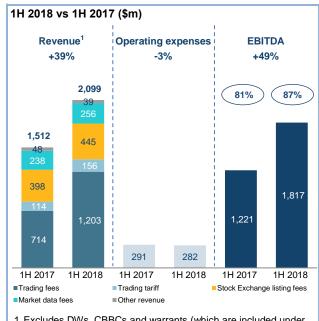
#### **Cash Segment**

#### Analysis of Results

Trading fees increased by 68 per cent compared to 1H 2017, above the 64 per cent growth in ADT of equity products. This was primarily due to an improvement in product mix, with a drop in the proportion of ETF trades (of which approximately 50 per cent were conducted by market makers who are exempted for trading fees). Trading tariff only rose by 37 per cent due to an increase in average transaction size, which dampened the increase in such income.

Stock Exchange listing fees rose by \$47 million, reflecting a \$28 million increase in annual listing fees from a higher number of listed companies and a \$19 million increase in initial listing fees due to more newly listed companies than in 1H 2017.

Operating expenses dropped by 3 per cent mainly due to the bulk of the previous trading hall expenses being allocated to Corporate Items,



1 Excludes DWs, CBBCs and warrants (which are included under the Equity and Financial Derivatives segment)

as the trading hall has been closed and replaced by the HKEX Connect Hall.

#### **Business Update**

Riding on the record highs achieved in Q1 2018, the Hong Kong Cash Market saw a 67 per cent increase in headline ADT in 1H 2018 as compared with 1H 2017, reaching a record half-yearly high. The year on year trading volume increase in 1H outperformed most regional and international exchanges. Despite Q2 2018 headline ADT also improving 37 per cent versus Q2 2017, trading activities and index levels in Q2 2018 moderated from the previous quarter, with a 27 per cent decrease in Q2 2018 headline ADT as compared to Q1 2018.

The Stock Connect programme continued to gather momentum in 1H 2018, generating total revenue and other income of \$365 million (1H 2017: \$162 million), of which \$221 million (1H 2017: \$87 million) arose from trading and clearing activities. Northbound Trading value (RMB2,227 billion) and Southbound Trading value (\$1,797 billion) during 1H 2018 continued to set record half-yearly highs.

The Northbound Trading links operated smoothly on 31 May 2018 upon the milestone index rebalancing conducted by the global index compiler, MSCI, which for the first time included A shares in some of its key benchmarks. Combined Shanghai and Shenzhen Connect Northbound Trading recorded the highest daily buy and sell turnover since the launch of Stock Connect

Key Market Indicators				
Rey Market mulcators	Six months	Civ months		
	Six months ended	Six months ended		
	30 Jun 2018	30 Jun 2017		
	50 501 2010	30 3011 2017		
ADT of equity products traded on the Stock Exchange <sup>1,2</sup> (\$bn)	<b>100.4</b> <sup>4</sup>	61.4		
ADT of Northbound Trading <sup>2</sup> – Shanghai-Hong Kong Stock Connect (RMB bn)	<b>11.2</b> <sup>4</sup>	4.3		
ADT of Northbound Trading <sup>2</sup> – Shenzhen-Hong Kong Stock Connect (RMB bn)	<b>8.6</b> <sup>4</sup>	2.8		
Average daily number of trades of equity products traded on the Stock Exchange <sup>1,2</sup>	1,339,825	969,619		
Number of newly listed companies on the Main Board <sup>3</sup> Number of newly listed	58	37		
companies on GEM	50	35		
Total equity funds raised				
- IPOs (\$bn)	51.6	54.8		
- Post-IPOs (\$bn)	141.1	119.5		
Number of companies listed on				
the Main Board at 30 Jun	1,848	1,746		
Number of companies listed on	267	288		
GEM at 30 Jun	367			
Number of trading days	121	121		
<ol> <li>Excludes DWs, CBBCs and warrants (which are included under the Equity and Financial Derivatives segment) and includes Southbound Trading ADT of \$10.6 billion<sup>4</sup> (1H 2017: \$6.3 billion) under Shanghai-Hong Kong Stock Connect and \$5.7 billion<sup>4</sup> (1H 2017: \$1.3 billion) under Shenzhen-Hong Kong Stock Connect</li> </ol>				
2 Includes buy and sell trades under Sto				
3 Includes 7 transfers from GEM (1H 20	,			
4 New record half-yearly high in 1H 201	8			

in 2014, representing 6 per cent of the turnover of the Shanghai market and 3 per cent of the Shenzhen market on that day (highest and second highest on record respectively). This increased trading during the day of MSCI rebalancing was largely due to institutional investors tracking the benchmarks likely buying A shares via Stock Connect to adjust their portfolios. Going forward, inclusion of A shares in MSCI key benchmarks is expected to further stimulate Northbound turnover.

The 31 May 2018 MSCI rebalancing also increased index weightings of Hong Kong-listed stocks. \$96.2 billion, or 47 per cent of HKEX's total securities market turnover of \$205.7 billion during that day, was transacted in the Closing Auction Session (CAS) at the closing price, the highest CAS turnover since its launch in 2016. The high level of participation by market participants in the CAS demonstrates investors' confidence in using this mechanism to facilitate their needs to execute at the closing price.

Investor identification regime for Northbound Trading, which was announced by the SFC in November 2017 to facilitate market surveillance and monitoring by Mainland regulators, is tentatively scheduled to be implemented in Q3 2018, subject to market readiness and regulatory approval.

The Marketing Programme for Mobile Application Service launched in June 2017 to promote the visibility and penetration of securities market data in the Mainland continues with a positive uptake from the market. After a full year of service, 52 clients including 21 Southbound brokers and 31 information vendors have enrolled in the Programme in which they could offer Level 2 10 price depth real-time data on mobile applications at a discounted fee.

HKEX remains committed to enhancing Hong Kong as an internationally competitive listing venue. With the transformative change to the listing regime, HKEX witnessed strong interest from both the Mainland and international markets, especially from "new economy" and biotech companies. The Stock Exchange added three new chapters in the Main Board Listing Rules which were designed to broaden Hong Kong's listing regime and took effect on 30 April 2018. The Stock Exchange welcomes applications from companies with weighted voting right structures and pre-revenue biotech companies. Xiaomi Corporation became the first company to list in Hong Kong with a weighted voting right structure under the new rules on 9 July 2018.

To help construct an ecosystem that would support sustainable competitiveness of Hong Kong's capital market, HKEX actively organised and participated in various events to provide prompt and in-depth information to corporates, industry associations and the investor community. To enhance the market's overall understanding of the biotech industry, HKEX organised the inaugural "Biotech Summit" on 22 March 2018, which gathered over 600 delegates, connecting senior biotech industry leaders with the biotech investment community, sell-side professional advisors and research analysts. HKEX also expanded its efforts globally to promote the listing regime changes in large-scale biotech conferences.

Bond Connect, the ground-breaking cross-border scheme broadening access to the China Interbank Bond Market (CIBM), has been operating in a stable and orderly manner over the past year, helping drive the further liberalisation of China's bond market. Market participation in Bond Connect has been growing steadily, with ADT reaching RMB6.5 billion in June 2018, more than double the ADT in Q1 2018. In addition, the number of approved overseas institutional investors participating in Bond Connect continued to increase. As of 30 June 2018, there were 356 approved investors from 21 jurisdictions, compared with 247 as of 31 December 2017. Meanwhile, overall foreign holdings in CIBM reached RMB1,546 billion at the end of June 2018, an increase of 83 per cent since Bond Connect's launch.

China Foreign Exchange Trade System and HKEX, together with the Bond Connect Company Limited (BCCL), jointly hosted the Bond Connect Anniversary Summit on 3 July 2018 to mark the first anniversary of Bond Connect. The Summit welcomed approximately 600 prominent industry experts and market practitioners, who shared fresh insights on major developments in the Chinese and global bond and fixed-income markets. During the Summit, People's Bank of China (PBoC) Deputy Governor and Administrator of State Administration of Foreign Exchange of China, Mr Pan Gongsheng, announced a set of new measures<sup>4</sup> by the PBoC, which is expected to support the sustainable development of the Bond Connect programme.

The Stock Exchange published consultation conclusions along with the related guidance letters during 2018 on the following topics:

Consultation conclusions	Effective date of changes
<ul> <li>A Listing Regime for Companies from Emerging and Innovative Sectors</li> </ul>	30 Apr 2018
Capital Raisings by Listed Issuers	3 Jul 2018
Delisting and Other Rule Amendments	1 Aug 2018
Review of the Corporate Governance Code and Related Listing Rules	1 Jan 2019

<sup>4</sup> These measures include launch of trade allocation, full realisation of the delivery versus payment settlement system, clarification of tax policy for overseas investors, permission of international investors to access repo and derivatives markets, addition of 10 more Bond Connect dealers to a total of 34, discounts of up to 50 per cent in Bond Connect transaction fees, and cooperation with mainstream international e-trading platforms.

On 29 June 2018, the Stock Exchange published a consultation paper on "Backdoor Listing, Continuing Listing Criteria and Other Rule Amendments" and a guidance letter on listed issuer's suitability for continued listing. The consultation paper seeks market views on proposed changes to the Listing Rules to address concerns over backdoor listings and "shell" activities. The deadline for responses is 31 August 2018.

During 2018, the Stock Exchange also published the following guidance materials:

- (i) new guidance letters on (a) the Stock Exchange's approach to listing applicants in the internet technology sector or that have internet-based business models; (b) assessment of a sponsor's independence; (c) disclosure in listing documents; (d) pricing flexibility of IPOs; and (e) reallocation of shares from placing tranche to the public subscription tranche in an IPO;
- (ii) updated guidance letters on (a) disclosure requirements for substantially complete Application Proofs and publication of Application Proofs and Post Hearing Information Packs on the Stock Exchange's website; (b) Mixed Media Offer; (c) documentary requirements and administrative matters for new listing applications (equity); (d) publicity materials and e-IPO advertisements; (e) IPO vetting and suitability for listing; and (f) issuers using contractual arrangements or structured contracts;
- (iii) Financial Statements Review Programme Report 2017; and
- (iv) Analysis of Environmental, Social and Governance Practice Disclosure in 2016/2017.

#### **Equity and Financial Derivatives Segment**

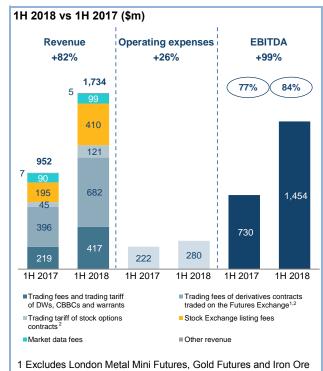
#### **Analysis of Results**

Derivatives trading volumes were boosted by increased volatility in 1H 2018. Trading fees of derivatives contracts traded on the Futures Exchange rose by 72 per cent compared to 1H 2017 due to a 55 per cent increase in ADV of derivatives contracts traded, and a higher proportion of contracts traded in 2018 being higher fee contracts including HSI products.

Trading fees and trading tariff of DWs, CBBCs and warrants rose by 90 per cent compared to 1H 2017, reflecting the 79 per cent increase in ADT, a decrease in average transaction size which led to a higher increase in trading tariff income, and higher fees from new issues of DWs and CBBCs.

Stock Exchange listing fees more than doubled, reflecting an increase in the number of newly listed DWs and CBBCs.

Operating expenses increased by 26 per cent due to higher allocated costs of the Listing Division arising from a higher percentage increase in listing fees from DWs and CBBCs than in equities.



- 1 Excludes London Metal Mini Futures, Gold Futures and Iron Ore Futures contracts (which are included under the Commodities segment)
- 2 Excludes trading fees and trading tariff allocated to the Clearing segment

#### **Business Update**

Strong growth in trading volume of derivatives contracts was seen in 1H 2018, with ADV of derivatives contracts traded increasing 58 per cent over 1H 2017, reaching a record halfyearly high. ADV of stock options traded in 1H 2018 increased 62 per cent, whilst that of HSI Futures increased 92 per cent. Meanwhile, options positions continued to accumulate and all-time high open interest of 13,725,731 contracts on stock options and 3,617,287 contracts on HSCEI Options were recorded on 27 March 2018 and 27 June 2018 respectively. The introduction of the position limit regime enhancements in June 2017 has provided the needed headroom for market participants to utilise derivatives contracts on HKEX's platform for risk management.

The structured products market on the Stock Exchange has become more active in terms of ADT and the number of new listings during 1H 2018. ADT in 1H 2018 increased by 79 per cent year on year, with the number of newly listed DWs and CBBCs in 1H 2018 nearly doubled and tripled respectively as compared to 1H 2017, reaching record half-yearly highs.

Key Market Indicators				
	Six months	Six months		
	ended	ended		
	30 Jun 2018	30 Jun 2017		
ADT of DWs, CBBCs and				
warrants traded on the Stock				
Exchange (\$bn)	26.2	14.6		
Average daily number of trades				
of DWs, CBBCs and warrants				
traded on the Stock Exchange	389,508	168,934		
ADV of derivatives contracts				
traded on the Futures				
Exchange <sup>1</sup>	657,646 <sup>2</sup>	424,535		
ADV of stock options contracts	2			
traded on the Stock Exchange	<b>574,249</b> <sup>2</sup>	354,969		
Number of newly listed DWs	<b>5,785</b> <sup>2</sup>	3,034		
Number of newly listed CBBCs	<b>12,811</b> <sup>2</sup>	4,732		
ADV of contracts traded				
during After-Hours Trading <sup>1</sup>	79,100	26,280		
Number of trading days	121	121		
	At	At		
	30 Jun 2018	30 Jun 2017		
Open interest of futures and				
options contracts <sup>1</sup>	13,074,169	11,315,220		
1 Excludes London Metal Mini Futures, Gold Futures and Iron Ore Futures contracts (which are included under the Commodities segment)				
2 New record half-yearly high in 1H 20	18			

The following record single day volumes and open interest positions of major derivatives products were achieved during 1H 2018:

	Single Day Trading Volume		Open	interest
	Date (2018)	Number of contracts	Date (2018)	Number of contracts
Total Futures and Options <sup>1</sup>	29 Jan	2,198,314	27 Mar	18,348,438
HSI Futures	26 Jun	421,806	N/A	N/A
Mini HSI Futures	7 Feb	215,927	N/A	N/A
Mini HSCEI Futures	6 Feb	76,471	N/A	N/A
HSI Options	23 Jan	130,998	N/A	N/A
Mini HSI Options	23 Jan	19,769	29 Jan	37,194
HSCEI Options	9 Feb	232,994	27 Jun	3,617,287
Mini HSCEI Options	9 Feb	11,728	22 Feb	23,708
USD Gold Futures	11 Jan	5,670	N/A	N/A
Stock Options	N/A	N/A	27 Mar	13,725,731
RMB Currency Options – USD/CNH Options	19 Jun	743	15 Mar	4,128

1 Excludes London Metal Mini Futures, Gold Futures and Iron Ore Futures contracts (which are included under the Commodities segment)

Following positive market feedback received after the extension of trading hours from 11:45 pm to 1:00 am on 6 November 2017 (phase 1 of the after-hours trading enhancements), HKEX implemented the phase 2 enhancements on 14 May 2018 by introducing three flagship Equity Index Options<sup>5</sup> in the after-hours session (T+1 Session). The enhancements provided more comprehensive risk management and trading tools to investors and EPs to manage their futures and options portfolio in response to market news in Europe and during the US trading hours. The trading volume of Equity Index Derivatives in T+1 Session continued to grow, with ADV reaching 77,264 contracts in 1H 2018, a 162 per cent increase as compared to the full year of 2017. Trading volume of Equity Index Futures and Equity Index Options in T+1 Session reached a historical high of 184,397 contracts and 11,391 contracts on 6 February 2018 and 27 June 2018 respectively.

As part of HKEX's continuous effort to promote the industry's compliance culture, HKEX hosted four compliance roundtables in 1H 2018 with the industry on market and regulatory issues and challenges. HKEX also launched the 2018 Annual Attestation and Inspection Programme (the Programme) in 1H 2018 focusing on three areas: (1) Client margin requirements; (2) Risk management; and (3) China Connect Rules. Under the Programme, HKEX commenced onsite inspections of selected participants and requested EPs and CPs to attest their compliance with the relevant rules. The Programme is expected to complete by the end of 2018.

In 2018, HKEX introduced various product initiatives for the Derivatives Markets:

- (i) narrowing strike intervals for stock index options on 22 January 2018;
- (ii) four new stock futures and five new stock options on 5 February 2018;
- (iii) contract month extension for HSI/HSCEI futures and options up to 5.5 years on 5 March 2018;
- (iv) two new stock futures with ETF underlying (Tracker Fund of Hong Kong and HSCEI ETF) on 9 April 2018;
- (v) MSCI All Country Asia ex Japan Net Total Return Index (MSCI AxJ) Futures on 11 June 2018;
- (vi) seven new stock futures on 3 July 2018;
- (vii) stock futures and stock options on Xiaomi Corporation on 9 July 2018; and (viii) five new stock options on 16 July 2018.

In addition, to promote the usage of stock futures, HKEX introduced an incentive programme on 1 March 2018 which includes a six-month trading fee waiver for all accounts used for trading stock futures and throttle fee waiver for market makers providing continuous quotes.

To build the awareness of MSCI AxJ Futures and promote the usage of stock futures, HKEX has arranged over 30 product educational seminars and briefing sessions in Hong Kong, Mainland, Taiwan and Singapore.

Intensifying trade tensions weighed on global markets in Q2 2018. On the back of RMB's escalating volatility, HKEX's RMB derivatives products continued to set several records with growing demand for RMB risk management tools. HKEX's USD/CNH Futures recorded an average daily volume of 12,367 contracts (notional value of US\$1.24 billion) in July 2018, the highest monthly turnover, and an increase of 317 per cent from the full year of 2017. Single-day volume hit 22,105 contracts (notional value of US\$2.21 billion) on 6 August 2018, marking all-time record since the product launch in September 2012. The new turnover records underpinned HKEX's highly-liquid RMB derivatives market, with bid-ask spreads in key contract months having notable advantages over other comparable markets, providing strong liquidity and market depth and offering high capital efficiency to investors. The number of futures dealers trading RMB futures for customers has also steadily increased to more than 120, encompassing international, Mainland and Hong Kong-based brokerage firms. HKEX continued to enhance its product range, and introduced additional contract month and additional calendar spreads of the USD/CNH Futures on 19 June 2018, facilitating long-term RMB hedging and calendar rolling activities of market participants.

<sup>5</sup> HSI Options, HSCEI Options and Mini HSI Options

On 11 June 2018, HKEX hosted its fifth annual RMB FIC Conference, covering key topics on the RMB FIC markets including RMB's globalisation outlook, China's macro economy and the development of the FIC derivatives market. More than 800 participants attended the conference.

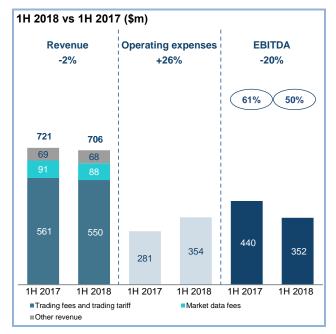
A new market data feed package, Derivatives Lite, was rolled out in April 2018 to facilitate EPs' migration to a comparable market data source with the upgrade of Derivatives Market systems.

#### **Commodities Segment**

#### Analysis of Results

ADV of metals contracts traded was 28 per cent higher in 1H 2018 compared to 1H 2017. However, the impact of fee reductions for shortand medium-dated carry trades introduced as a result of the Strategic Pathway, and non-fee generating administrative trades introduced in June 2017 (Admin Trades) in order to meet new requirements resulting from the Markets in Financial Instruments Directive II (MiFID II), resulted in a drop in trading fees by \$11 million or 2 per cent. ADV of metals contracts traded excluding Admin Trades was 11 per cent higher compared to 1H 2017.

Operating expenses rose by 26 per cent. Excluding the one-off insurance recovery of \$23 million relating to the warehouse litigation in the US in 2017, operating expenses rose by 16 per cent. The increase was mainly attributable to higher LME operating costs arising from an



increase in staff costs from increased headcount and annual payroll adjustments, higher IT costs, and the impact of stronger GBP. Operating expenses of Qianhai Mercantile Exchange (QME) remained relatively flat.

#### **Business Update**

During 1H 2018, the LME continued to work on its Strategic Pathway deliverables. The Financial OTC Booking Fee took effect from 1 June 2018, and work is progressing on implied pricing, new products, Registered Intermediating Brokers and enhancements to the Warrants as Collateral service.

The LME continues to develop its ferrous market. On 1 January 2018, the LME launched its Ferrous Liquidity Provider programme to replace the former Ferrous Market Making programmes. As of 30 June 2018, four participants have joined the scheme.

Positive momentum continues for LMEprecious with open interest at 26,139 lots for gold and 5,241 lots for silver as of 30 June 2018. The structure of the open interest reflects the longterm nature of the proposition, with gold positions out to 4 years forwards and over 80 per cent of open interest sitting beyond the first monthly date. The Asian hours liquidity provider

Key Market Indicators		
	Six months	Six months
	ended	ended
	30 Jun 2018	30 Jun 2017
ADV of metals contracts traded on		
the LME (lots)		
Aluminium	285,049	217,724
Copper	165,269	138,257
Zinc	144,164	112,543
Nickel	101,726	81,135
Lead	55,212	40,179
Ferrous	2,084	1,089
Precious	3,894	-
Others	6,567	6,615
Total	763,965	597,542
Less: Admin Trades	(105,345)	(3,152)
Total chargeable ADV	658,620	594,390
Number of trading days	125	125
	At	At
	30 Jun 2018	30 Jun 2017
Total futures Market Open Interest		
(lots)	2,177,187	2,200,807

programme for LMEprecious was successfully launched on 1 June 2018, providing on-screen pricing out to 12 months forward from 01:00 to 08:00 London time. One new firm joined as a general clearing member in 1H 2018, and a number of additional members are in the final stages of on-boarding and testing. In Hong Kong, 16,634 CNH gold futures contracts and 159,986 USD gold futures contracts were traded during 1H 2018, and 137 contracts, ie, 137 kilograms of gold bars, were physically settled against futures contracts. In addition, five new EPs were recruited to trade gold futures in 1H 2018.

The LME continues to focus on the key global topic of responsible metals sourcing. Following a 2017 comprehensive responsible sourcing survey with all producers of LME listed brands, the LME intends to release a position paper in August 2018 outlining its proposal to require all its listed brands to comply with international standards<sup>6</sup> for responsible sourcing. The LME has committed to engage with all stakeholders in the market and the position paper will remain open for feedback until 14 September 2018.

HKEX hosted the sixth LME Asia Week in Hong Kong from 15 to 18 May 2018, with over 1,900 metals professional and media in attendance. Six events were hosted throughout the week in addition to the traditional Chairman's Cocktail, LME Asia Metals Seminar and LME Asia Dinner in order to provide more opportunities for the industry to share information and exchange ideas.

We continue the development of QME, our Qianhai commodities trading platform. The QME is in the process of building a spot trading platform with reliable infrastructure and processes, solid physical warehouse standards, and robust electronic trading facilitation. We are currently reviewing QME's operational readiness along with relevant market players including local regulators, service partners, domestic producers and industrial users.

<sup>6</sup> The principles set out by the Organisation for Economic Co-operation and Development's Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas or equivalent

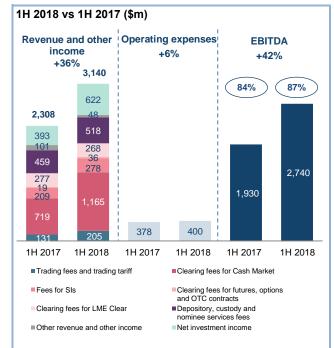
#### **Clearing Segment**

#### Analysis of Results

Clearing and settlement fees for Cash Market trades and Settlement Instructions (SIs) increased by 62 per cent and 33 per cent respectively. The increase was primarily driven by a higher number of transactions, and a 7 per cent higher average fee per transaction.

Depository, custody and nominee services fees rose by \$59 million due to higher portfolio fees from an increase in overall portfolio value held under Southbound and Northbound Trading of Stock Connect, and an increase in e-IPO service fees and corporate action fees, partly offset by lower scrip fees.

Net investment income increased by \$229 million or 58 per cent, attributable to an increase in Margin Fund investment income, as follows:



	Six mont	hs ended 30 Ju	<u>n 2018</u>	Six months	ended 30 Jun	2017
		Clearing			Clearing	
	Margin	House		Margin	House	
	Funds \$m	Funds \$m	Total \$m	Funds \$m	Funds \$m	Total \$m
Net investment income from:						
- Cash and bank deposits	567	23	590	363	11	374
- Debt securities	29	-	29	19	-	19
- Exchange gains	3	-	3	-	-	-
Total net investment income	599	23	622	382	11	393
Average fund size (\$bn)	162.1	20.3	182.4	129.7	10.2	139.9
Annualised net investment return	0.74%	0.23%	0.68%	0.59%	0.21%	0.56%

The increase in net investment income of Margin Funds in 1H 2018 arose from higher interest income on cash and bank deposits, attributable to both higher deposit rates and higher average Margin Fund size of HKCC, as higher margin requirements per contract were imposed on CPs due to increased volatility.

The increase in revenue and other income was, however, partly offset by a \$55 million one-off post-liquidation interest payment from the liquidators of Lehman Brothers Securities Asia Limited in 2017.

Operating expenses increased by 6 per cent, mainly as a result of increased staff costs from annual payroll adjustments and higher variable pay accruals.

#### **Business Update**

The inclusion of A shares in MSCI indices in June 2018 was an important milestone in China's capital market internationalisation, and it was made possible with continuous Stock Connect clearing enhancements. During 1H 2018, HKSCC saw a surge in usage of a number of Stock Connect facilities for institutional investors, including (i) a 60 per cent increase in the number of Special Segregated Accounts during March to May 2018 as institutional investors prepared for MSCI's A

Key Market Indicators		
	Six months	Six months
	ended	ended
	30 Jun 2018	30 Jun 2017
ADT traded on the Stock Exchange (\$bn) Average daily number of Stock	126.6	76.0
Exchange trades Average daily value of SIs (\$bn) Average daily number of SIs	1,729,333 296.2 109,241	1,138,553 204.1 87,781

share inclusion; (ii) a 50 times increase in average daily value of Northbound SIs settled through the Realtime Delivery versus Payment arrangement from RMB 61 million (0.3 per cent of Northbound turnover) for the first four months of 2018 to RMB 3,226 million (12.9 per cent of Northbound turnover) over the index rebalancing period; and (iii) increased usage in the new arrangement introduced in May 2018 which allows CPs to provide USD or HKD, in addition to RMB, as collateral for the early release of A shares on the trade day to alleviate RMB funding pressure on CPs. Furthermore, portfolio value of A shares held under Northbound Trading of Stock Connect continued to increase steadily and reached RMB 662 billion as of 30 June 2018 (30 June 2017: RMB 347 billion), with a record high of RMB 686 billion in May 2018.

As part of the continuous efforts to achieve a higher level of compliance with international regulatory requirements and to better align with global industry practices, HKSCC, HKCC and SEOCH have implemented the following changes to their default fund resource arrangement and membership requirement from 1 June 2018: (i) contributions by HKSCC, HKCC and SEOCH to their respective default funds are increased to 10 per cent of the default fund size instead of using a fixed amount; (ii) HKCC's Contingent Advance Capital facility (previously provided by HKCC to relieve 50 per cent of CPs' default fund contribution requirements) was removed and each HKCC CP is granted a \$1 million dynamic default fund credit; and (iii) the Tier 1 capital of settlement banks and General CPs (that are Registered Institutions) of HKSCC, HKCC and SEOCH are set at a minimum of \$390 million.

In 1H 2018, a total of US\$55.0 billion notional amount was cleared by OTC Clear, up 547 per cent as compared to 1H 2017. More HKD interest rate swaps were cleared due to market volatility with a total of US\$16.7 billion notional amount cleared, up 506 per cent as compared to 1H 2017. USD/CNH cross currency swaps cleared notional amount reached US\$16.6 billion, up 388 per cent as compared to 1H 2017. On the business development front, OTC Clear launched the USD/HKD cross currency swaps clearing on 30 April 2018 and admitted a PRC-incorporated commercial bank as clearing member on 11 June 2018.

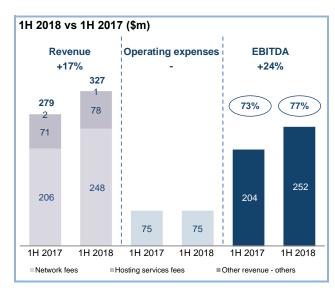
#### **Platform and Infrastructure Segment**

#### Analysis of Results

Network fees rose by \$42 million or 20 per cent due to an increase in sales of throttles driven by the MSCI inclusion, as well as new EPs and China Connect EPs (CCEPs) migrating from Open Gateway to new China Connect Central Gateway (CCCG).

#### **Business Update**

During 1H 2018, all major trading, clearing, settlement, and market data dissemination systems for the Cash, Derivatives and Commodities Markets continued to perform reliably.



The new securities trading system for Hong Kong Cash Market, the Orion Trading Platform -Securities Market (OTP-C), was launched successfully on 5 February 2018 and has been running smoothly notwithstanding that its launch coincided with a period of record turnover during 1H 2018. It is a scalable high performance system based on open technology architecture that gives it flexibility to support a variety of new functionalities. The system is designed to initially support up to 60,000 orders per second, double of the previous Third Generation Automatic Order Matching and Execution System (AMS/3.8), with scope for further increases. The launch of the OTP-C is expected to meet capacity requirements in the next decade.

The detailed design phase for the implementation of Orion Trading Platform – China Stock Connect (OTP-CSC) was completed in June 2018. System development has commenced and is expected to be completed in Q4 this year. Market readiness activities will be carried out in 1H 2019. The OTP-CSC will replace the legacy proprietary hardware currently supporting Northbound Trading of Stock Connect.

Development work continues on the upgrade of the derivatives platforms, The Hong Kong Futures Automated Trading System (HKATS) and The Derivatives Clearing and Settlement System (DCASS), tentatively scheduled for rollout by Q2 2019. The upgrade will bring simplified infrastructure to the Derivatives Market, with a reduction of the hardware footprint required at participants' premises.

#### **Corporate Items**

"Corporate Items" is not a business segment but comprises central income (including net investment income of Corporate Funds), the cost of central support functions that provide services to all operating segments and other costs not directly related to any operating segments.

1H 2018 vs 1H 2017		
	Six months	Six months
	ended	ended
	30 Jun 2018	30 Jun 2017
	\$m	\$m
Revenue and other income		
Net investment income	173	428
Others	15	3
Total	188	431
Operating expenses	527	464

#### Analysis of Results

The analysis of net investment income of Corporate Funds is as follows:

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Net investment income from:		
- Collective investment schemes <sup>1</sup>	52	327
- Cash and bank deposits	134	69
- Exchange (losses)/gains	(13)	32
Total net investment income	173	428
Average fund size (\$bn)	24.3	19.9
Annualised net investment return	1.42%	4.31%

1 See Financial Review section for further details

Net investment income of Corporate Funds decreased by \$255 million compared to 1H 2017 principally due to lower fair value gains on collective investment schemes held under the external portfolio (see Financial Review section for further details), partly offset by higher interest income earned on cash and bank deposits from increased fund size and higher deposit rates. As the valuation of external portfolios reflects movements in market prices, fair value gains or losses may fluctuate or reverse until the investments are sold or mature.

The increase in average fund size of 22 per cent arose from retention of cash generated by the Group over the past 12 months.

Operating expenses increased by 14 per cent over 1H 2017 mainly due to increased staff costs from annual payroll adjustments and higher variable pay accruals, and higher premises expenses for new offices and the new HKEX Connect Hall.

#### **Business Update**

With modern technology rapidly affecting companies in almost every industry, HKEX is no exception. In order to actively monitor, participate in and facilitate new innovations for the sustained growth of our business, HKEX has set up an Innovation Lab earlier this year. Its mission is to explore and accelerate creative new technologies and applications for our business. By harnessing the latest cutting-edge technologies, the Lab will endeavor to improve some of our existing processes and staff experience. It will also explore, incubate and invest in innovative new opportunities that can position HKEX to maintain its leadership in the global capital markets of tomorrow.

#### Expenses, Other Costs and Taxation

#### **Operating Expenses**

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m	Change
Staff costs and related expenses	1,205	1,073	12%
IT and computer maintenance expenses	241	210	15%
Premises expenses	202	176	15%
Product marketing and promotion expenses	22	20	10%
Legal and professional fees	42	18	133%
Other operating expenses	206	214	(4%)
Total	1,918	1,711	12%

Staff costs and related expenses increased by \$132 million or 12 per cent mainly due to annual payroll adjustments, increase in performance-related variable pay accruals, and increased headcount for strategic initiatives.

IT and computer maintenance expenses increased by \$31 million or 15 per cent, attributable to higher maintenance expenses for new IT systems and upgraded networks.

Premises expenses increased by \$26 million or 15 per cent due to the new offices taken up at Exchange Square in Hong Kong.

Legal and professional fees increased by \$24 million or 133 per cent, attributable to a one-off insurance recovery of \$23 million relating to the warehouse litigation in the US in 2017.

#### **Depreciation and Amortisation**

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m	Change
Depreciation and amortisation	378	362	4%

Depreciation and amortisation rose by \$16 million or 4 per cent, attributable to roll-out of new IT systems. During 1H 2018, the Group incurred capital expenditure of \$339 million, an increase of 11 per cent from 1H 2017.

#### **Finance Costs**

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m	Change
Finance costs	55	65	(15%)

The decrease in finance costs was due to the repayment of all bank borrowings in 2H 2017.

#### Taxation

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m	Change
Taxation	822	582	41%

Taxation increased due to higher profit before taxation, but was partly offset by a \$47 million tax refund from the UK tax authority.

#### FINANCIAL REVIEW

#### **Financial Assets and Financial Liabilities by Funds**

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m	Change
Financial assets			
Cash and cash equivalents	152,978	155,660	(2%)
Financial assets measured at fair value through profit or loss	73,693	95,037	(22%)
Financial assets measured at fair value through other comprehensive income	3,059	-	N/A
Financial assets measured at amortised cost	36,083	30,817	17%
Total	265,813	281,514	(6%)

The Group's financial assets comprised financial assets of Corporate Funds, Margin Funds, Clearing House Funds, base and precious metals derivatives contracts, and cash prepayments and collateral for A shares traded under Stock Connect as follows:

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m	Change
Financial assets			
Corporate Funds <sup>1</sup>	25,866	21,464	21%
Margin Funds <sup>2</sup>	151,436	155,384	(3%)
Clearing House Funds	21,531	17,642	22%
Base and precious metals derivatives contracts cleared through LME Clear	66,980	85,335	(22%)
Cash prepayments and collateral for A shares	-	1,689	(100%)
Total	265,813	281,514	(6%)

1 Includes \$1,292 million (31 December 2017: \$Nil) solely used for supporting contributions to default funds and default fund credits for HKSCC Guarantee Fund, SEOCH Reserve Fund and HKCC Reserve Fund

2 Excludes Settlement Reserve Fund and Settlement Guarantee Fund paid to ChinaClear and margin receivable from CPs of \$2,704 million (31 December 2017: \$2,430 million), which are included in accounts receivable, prepayments and other deposits

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m	Change
Financial liabilities			
Base and precious metals derivatives contracts cleared through LME Clear	66,980	85,335	(22%)
Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs	154,140	157,814	(2%)
CPs' contributions to Clearing House Funds	20,827	16,626	25%
Total	241,947	259,775	(7%)

The increase in financial assets and financial liabilities of Clearing House Funds at 30 June 2018 compared to 31 December 2017 was mainly attributable to higher contributions required from LME Clear members and HKSCC CPs in response to changes in risk exposures.

Corporate Funds increased by \$4,402 million during 1H 2018 due to the retention of cash generated by the business over the past six months partly offset by the cash paid for the 2017 final dividend.

A portion of the Corporate Funds is invested in collective investment schemes which are designed to enhance returns and mitigate portfolio volatility and asset class concentration risk.

At 30 June 2018, the fair value of the Group's collective investment schemes by strategy employed was as follows:

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m	Change
Defensive Equities	2,024	2,225	(9%)
Absolute Return	1,362	1,245	9%
Multi-Sector Fixed Income <sup>1</sup>	2,009	1,922	5%
US Government Bonds and Mortgage-backed Securities	1,318	1,251	5%
Total	6,713	6,643	1%
Number of Funds	16	15	7%

1 The "Credit" and "Multi-Asset Fixed Income" strategies disclosed in the 2017 Annual Report were combined and included in "Multi-Sector Fixed Income" strategy.

The increase in investment in collective investment schemes was mainly due to the fair value gains generated by the schemes during 1H 2018.

#### Working Capital, Financial Resources and Gearing

Working capital rose by \$2,576 million or 13 per cent to \$22,028 million at 30 June 2018 (31 December 2017: \$19,452 million). The increase was primarily due to the profit of \$5,041 million generated during 1H 2018, partly offset by the 2017 final dividend, net of scrip dividend, of \$1,775 million paid in June 2018, and the reclassification of borrowings of \$751 million from non-current liabilities to current liabilities as they became repayable within twelve months.

At 30 June 2018, the Group had the following outstanding borrowings:

	A	At 30 Jun 2018		at 31 Dec 2017
	Carrying value \$m	Maturity	Carrying value \$m	Maturity
2 USD fixed rate notes with average coupon of 2.8 per cent <sup>1</sup> Written put options to non-	1,539	Dec 2018 & Jan 2019	1,533	
controlling interests	333	N/A	327	N/A
	1,872		1,860	

1 Repayment of the notes will be funded by the Group's Corporate Funds.

At 30 June 2018, the Group had a gross gearing ratio (ie, gross debt divided by adjusted capital) of 5 per cent (31 December 2017: 5 per cent), and a net gearing ratio (ie, net debt divided by adjusted capital) of zero per cent (31 December 2017: zero per cent). For this purpose, gross debt is defined as total borrowings and net debt is defined as total borrowings less cash and cash equivalents of Corporate Funds (and will be zero when the amount of cash and cash equivalents of Corporate Funds is greater than total borrowings), and adjusted capital as all components of equity attributable to shareholders other than designated reserves.

Apart from the borrowings used to fund the acquisition of the LME Group, banking facilities have been put in place for contingency purposes. At 30 June 2018, the Group's total available banking facilities for its daily operations amounted to \$20,533 million (31 December 2017: \$18,963 million), which included \$13,532 million (31 December 2017: \$11,954 million) of committed banking facilities and \$7,000 million (31 December 2017: \$7,000 million) of repurchase facilities.

The Group has also put in place foreign exchange facilities for its daily clearing operations and for the RMB Trading Support Facility to support the trading of RMB stocks listed on the Stock Exchange. At 30 June 2018, the total amount of the facilities was RMB21,500 million (31 December 2017: RMB21,500 million).

In addition, the Group has arranged banking facilities amounting to RMB13,000 million (31 December 2017: RMB13,000 million) for settling payment obligations to ChinaClear should there be events that disrupt normal settlement arrangements for Stock Connect, eg, default of CPs, natural disasters or extreme weather conditions in Hong Kong.

At 30 June 2018, 87 per cent (31 December 2017: 88 per cent) of the Group's cash and cash equivalents were denominated in HKD or USD.

#### Capital Expenditure and Commitments

During 1H 2018, the Group incurred capital expenditure of \$339 million (1H 2017: \$306 million) related to the development and upgrade of various trading and clearing systems, and the renovation of new offices and the HKEX Connect Hall.

The Group's capital expenditure commitments at 30 June 2018, including those authorised by the Board but not yet contracted for, amounted to \$1,444 million (31 December 2017: \$1,433 million). They were mainly related to the renovation of new offices, and the development and upgrade of IT systems including the cash, derivatives and commodities trading and clearing systems.

## Significant Investments Held, Material Acquisitions and Disposals of Subsidiaries, and Future Plans for Material Investments or Capital Assets

Subsequent to 30 June 2018, the Company has subscribed for 6,186 ordinary shares in OTC Clear, a non-wholly owned subsidiary, at a total consideration of \$300 million on 16 July 2018. Accordingly, the shareholding in OTC Clear held by the Company increased from 75 per cent to 87 per cent.

Save for those disclosed in this announcement, there were no other significant investments held, nor were there any material acquisitions or disposals of subsidiaries during the period under review. Apart from those disclosed in this announcement, there was no plan authorised by the Board for other material investments or additions of capital assets at the date of this announcement.

#### **Pledge of Assets**

LME Clear receives securities, gold bullion and warrants as collateral for margin posted by its CPs. The total fair value of this collateral was US\$2,035 million (HK\$15,965 million) at 30 June 2018 (31 December 2017: US\$1,319 million (HK\$10,311 million)). LME Clear is obliged to return this non-cash collateral upon request when the CPs' collateral obligations have been substituted with cash collateral or otherwise discharged.

LME Clear also holds securities as collateral in respect of its investments in overnight triparty reverse repurchase agreements under which it is obliged to return equivalent securities to the counterparties at maturity of the reverse repurchase agreements. The fair value of this collateral was US\$9,101 million (HK\$71,401 million) at 30 June 2018 (31 December 2017: US\$11,462 million (HK\$89,602 million)).

The above non-cash collateral, which LME Clear is permitted to sell or repledge in the absence of default by the counterparties, was not recorded on the condensed consolidated statement of financial position of the Group at 30 June 2018. Such non-cash collateral, together with certain financial assets amounting to US\$470 million (HK\$3,688 million) at 30 June 2018 (31 December 2017: US\$471 million (HK\$3,686 million)), have been repledged to LME Clear's investment agent and custodian banks under first floating charge and security arrangements for the settlement and depository services they provide in respect of the collateral and investments held. The floating charge could convert to a fixed charge in the event of contract termination, or default or insolvency of LME Clear.

#### Exposure to Fluctuations in Exchange Rates and Related Hedges

The functional currencies of the Hong Kong and PRC entities are HKD and RMB respectively and the functional currency of the LME entities is USD. Foreign currency risks arise mainly from the Group's investments and bank deposits in currencies other than HKD and USD and the GBP expenditure of the LME entities.

Forward foreign exchange contracts and foreign currency bank deposits may be used to hedge the currency exposure of the Group's non-HKD and non-USD assets and liabilities and highly probable forecast transactions to mitigate risks arising from fluctuations in exchange rates.

Foreign currency margin deposits received by the Group in Hong Kong are mainly hedged by investments in the same currencies, and unhedged investments in USD may not exceed 20 per cent of the Margin Funds. For LME Clear, investments of Margin Fund and Default Fund will generally take place in the currency in which cash was received.

The aggregate net open foreign currency positions at 30 June 2018 amounted to HK\$1,611 million, of which HK\$295 million were non-USD exposures (31 December 2017: HK\$1,035 million, of which HK\$200 million were non-USD exposures).

#### **Contingent Liabilities**

At 30 June 2018, the Group's material contingent liabilities were as follows:

- (a) The Group had a contingent liability in respect of potential calls to be made by SFC to replenish all or part of compensation less recoveries paid by the Unified Exchange Compensation Fund established under the repealed Securities Ordinance up to an amount not exceeding \$71 million (31 December 2017: \$71 million). Up to 30 June 2018, no calls had been made by the SFC in this connection.
- (b) The Group had undertaken to indemnify the Collector of Stamp Revenue against any underpayment of stamp duty by its Participants of up to \$200,000 for each Participant. In the unlikely event that all of its 635 trading Participants (31 December 2017: 622) covered by the indemnity at 30 June 2018 defaulted, the maximum contingent liability of the Group under the indemnity would amount to \$127 million (31 December 2017: \$124 million).
- (c) HKEX had given an undertaking in favour of HKSCC to contribute up to \$50 million in the event of HKSCC being wound up while it is a wholly-owned subsidiary of HKEX or within one year after HKSCC ceases to be a wholly-owned subsidiary of HKEX, for payment of the liabilities of HKSCC contracted before HKSCC ceases to be a wholly-owned subsidiary of HKEX, and for the costs of winding up.

#### CHANGES SINCE 31 DECEMBER 2017

There were no other significant changes in the Group's financial position or from the information disclosed under Management Discussion and Analysis in the annual report for the year ended 31 December 2017.

#### **REVIEW OF FINANCIAL STATEMENTS**

The Audit Committee has reviewed the Group's Unaudited Condensed Consolidated Financial Statements for the six months ended 30 June 2018 in conjunction with HKEX's external auditor. Based on this review and discussions with the management, the Audit Committee was satisfied that the Unaudited Condensed Consolidated Financial Statements were prepared in accordance with applicable accounting standards and fairly present the Group's financial position and results for the six months ended 30 June 2018.

#### COMPLIANCE WITH CORPORATE GOVERNANCE CODE

Throughout the six months ended 30 June 2018, HKEX complied with all code provisions and, where appropriate, adopted the recommended best practices set out in the Corporate Governance Code, with the exceptions of Code Provisions A.4.1 (re-election of non-executive directors) and A.4.2 (retirement by rotation of directors).

The Government Appointed Directors, all being Non-executive Directors, are not subject to election or re-election by Shareholders as their appointments are governed by the SFO. HKEX's Chief Executive in his capacity as a Director is also not subject to retirement by rotation, as his term on the Board is coterminous with his employment with HKEX under HKEX's Articles of Association.

#### PURCHASE, SALE OR REDEMPTION OF HKEX'S LISTED SECURITIES

During the six months ended 30 June 2018, neither the Company nor any of its subsidiaries purchased, sold or redeemed any HKEX shares, except that the trustee of the Share Award Scheme, pursuant to the terms of the rules and trust deed of the Share Award Scheme, purchased on the Stock Exchange a total of 12,100 HKEX shares at a total consideration of \$3 million.

#### SUSTAINABLE WORKPLACE

During the six months ended 30 June 2018, the Group organised 55 in-house courses for employees to enhance their job knowledge, skills and well-being. Moreover, the Group sponsored a total of 70 employees to attend external training.

As at 30 June 2018, the Group had 1,847 employees, including 104 temporary staff and 40 interns. HKEX's remuneration policy has remained unchanged since the date of the 2017 Annual Report.

Details of HKEX's principles and practices related to governance and sustainability are set out in the Corporate Governance and Corporate Social Responsibility sections of the HKEX Group website.

## CONDENSED CONSOLIDATED INCOME STATEMENT (UNAUDITED)

Stock Exchange listing fees         855         5           Clearing and settlement fees         1,747         1,2           Depository, custody and nominee services fees         518         4           Market data fees         443         4           Other revenue         488         5           REVENUE         3         7,385         5,33           Investment income         1,300         1,0           Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         4         4           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         5         (1,205)         (1,0           Staff costs and related expenses         (241)         (2         (2           Premises expenses         (202)         (1         (2           Other operating expenses         (206)         (2         (2           (Legal and profesional fees         (42)         (2         (2           Other operating expenses         (206)         (2         (2         (2           Information         (378)         (3         (3         (		Note	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Clearing and settlement fees       1,747       1,2         Depository, custody and nominee services fees       518       4         Market data fees       443       4         Other revenue       488       5         REVENUE       3       7,385       5,33         Investment income       1,300       1,00         Interest rebates to Participants       (505)       (2         Net investment income       4       795       8         Sundry income       14       14       14         REVENUE AND OTHER INCOME       8,194       6,2         OPERATING EXPENSES       5       (1,205)       (1,0         Staff costs and related expenses       (241)       (2       (2         Premises expenses       (202)       (1       17         Product marketing and promotion expenses       (22)       (2       (2         Legal and professional fees       (42)       (2       (2         Other operating expenses       (206)       (2       (2         Other operating expenses       (26)       (2       (2         Other operating expenses       (206)       (2       (2         OPERATING PROFIT       5,898       4,1       1,	Trading fees and trading tariff		3,334	2,180
Depository, custody and nominee services fees         518         4           Market data fees         443         4           Other revenue         488         5           REVENUE         3         7,385         5,33           Investment income         1,300         1,0           Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         1         14           REVENUE AND OTHER INCOME         8,194         6,2         0           OPERATING EXPENSES         (202)         (1         0           Staff costs and related expenses         (202)         (1         0           Product marketing and promotion expenses         (202)         (1         0           Product marketing and promotion expenses         (206)         (2         0           Uther operating expenses         (206)         (2         0           Other operating expenses         (206)         (2         0           Other operating expenses         (206)         (2         0           OPERATING PROFIT         5,898         4,1         1,77           EBITDA         6,276	Stock Exchange listing fees		855	593
Market data fees       443       44         Other revenue       488       5         REVENUE       3       7,385       5,3         Investment income       1,300       1,0         Interest rebates to Participants       (505)       (2         Net investment income       4       795       8         Sundry income       14       14       14         REVENUE AND OTHER INCOME       8,194       6,2         OPERATING EXPENSES       (1,205)       (1,0)         Staff costs and related expenses       (241)       (2         Premises expenses       (202)       (1         Product marketing and promotion expenses       (22)       (0         Legal and professional fees       (42)       (1         Other operating expenses       (206)       (2         IT DA       6,276       4,4         Depreciation and amortisation       (378)       (3         OPERATING PROFIT       5,998       4,1         Finance costs       5       (55)       (0         Share of profits less losses of joint ventures       4       4         PROFIT FOR THE PERIOD       5,025       3,4         PROFIT FOR THE PERIOD       5,025<	Clearing and settlement fees		1,747	1,224
Other revenue         488         5           REVENUE         3         7,385         5,3           Investment income         1,300         1,0           Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         (1,205)         (1,0)           Staff costs and related expenses         (241)         (2           Premises expenses         (202)         (1           Premises expenses         (202)         (1           Utegal and professional fees         (42)         (0           Other operating expenses         (206)         (2           Other operating expenses         (206)         (2           Intract costs         5         (55)         (0           Other operating expenses         4         4         4           Pepreciation and amortisation         (378)         (3         3           OPERATING PROFIT         5,898         4,1         4,0           Finance costs         5         (55)         (0	Depository, custody and nominee services fees		518	459
REVENUE         3         7,385         5,3           Investment income         1,300         1,0           Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         (1,205)         (1,0           Staff costs and related expenses         (241)         (2           Premises expenses         (202)         (1           Premises expenses         (202)         (1           Utegal and professional fees         (42)         (0           Other operating expenses         (206)         (2           Other operating expenses         (206)         (2           Intrace costs         5         (55)         (0           OPERATING PROFIT         5,898         4,1           PROFIT BEFORE TAXATION         3         5,847         4,0           Depreciation and amortisation         (378)         (3         14           OPERATING PROFIT         5,898         4,1         16           Finance costs         5         (55)         (0      <	Market data fees		443	419
Investment income         1,300         1,00           Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         (1,205)         (1,0           Staff costs and related expenses         (241)         (2           Premises expenses         (202)         (1           Premises expenses         (202)         (1           Product marketing and promotion expenses         (22)         (0           Legal and professional fees         (42)         (0           Other operating expenses         (206)         (2           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (0           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT/LO	Other revenue		488	504
Interest rebates to Participants         (505)         (2           Net investment income         4         795         8           Sundry income         14         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         5         (1,205)         (1,001)           IT and computer maintenance expenses         (241)         (2           Premises expenses         (202)         (1           Product marketing and promotion expenses         (222)         (0           Legal and professional fees         (42)         (0           Other operating expenses         (206)         (2           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (0           Share of profits less losses of joint ventures         4         4         4           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,025         3,4  <	REVENUE	3	7,385	5,379
Net investment income         4         795         8           Sundry income         14         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         5         (1,205)         (1,0)           IT and computer maintenance expenses         (241)         (2           Premises expenses         (202)         (1           Product marketing and promotion expenses         (22)         (2           Legal and professional fees         (42)         (1           Other operating expenses         (206)         (2           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (0           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,025         3,4	Investment income		1,300	1,021
Sundry income         14           REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         5         6,2           Staff costs and related expenses         (1,205)         (1,0           IT and computer maintenance expenses         (241)         (2           Premises expenses         (202)         (1           Product marketing and promotion expenses         (22)         (1           Product marketing and promotion expenses         (22)         (1           Other operating expenses         (22)         (1           Other operating expenses         (206)         (2           Depreciation and amortisation         (378)         (31           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (1           Share of profits less losses of joint ventures         4         14           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT/ICLOSS) ATTRIBUTABLE TO:         5,041         3,4           - Non-controlling interests         (16)         (16)	Interest rebates to Participants		(505)	(200)
REVENUE AND OTHER INCOME         8,194         6,2           OPERATING EXPENSES         Staff costs and related expenses         (1,205)         (1,0           IT and computer maintenance expenses         (241)         (2           Premises expenses         (202)         (1           Product marketing and promotion expenses         (22)         ((           Legal and professional fees         (42)         ((           Other operating expenses         (206)         (2           IT ance costs         (1,918)         (1,7           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         ((           Share of profits less losses of joint ventures         4         4           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT/(LOSS) ATTRIBUTABLE TO:         -         -           - Shareholders of HKEX         5,041         3,4           - Non-controlling interests         (16)         (	Net investment income	4	795	821
OPERATING EXPENSES           Staff costs and related expenses         (1,205)         (1,0           IT and computer maintenance expenses         (241)         (2           Premises expenses         (202)         (1           Product marketing and promotion expenses         (22)         (0           Legal and professional fees         (42)         (1           Other operating expenses         (206)         (2           (1,918)         (1,7         (1,918)         (1,7           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3)           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (0           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT FOR THE PERIOD         5,041         3,4           - Non-controlling interests         (16)         (1	Sundry income		14	3
Staff costs and related expenses       (1,205)       (1,0         IT and computer maintenance expenses       (241)       (2         Premises expenses       (202)       (1         Product marketing and promotion expenses       (22)       ((1)         Product marketing and promotion expenses       (22)       ((1)         Legal and professional fees       (42)       ((1)         Other operating expenses       (206)       (2         (1)       (1,918)       (1,7)         EBITDA       6,276       4,4         Depreciation and amortisation       (378)       (3)         OPERATING PROFIT       5,898       4,1         Finance costs       5       (55)       ((1)         Share of profits less losses of joint ventures       4       1         PROFIT FOR THE PERIOD       5,025       3,4         PROFIT/(LOSS) ATTRIBUTABLE TO:       -       -         - Shareholders of HKEX       5,041       3,4         - Non-controlling interests       (16)       ((16)	REVENUE AND OTHER INCOME		8,194	6,203
IT and computer maintenance expenses       (241)       (2         Premises expenses       (202)       (1         Product marketing and promotion expenses       (22)       (1         Legal and professional fees       (42)       (1         Other operating expenses       (206)       (2         IT and computer maintenance expenses       (202)       (1         Degree operating expenses       (206)       (2         IT and amortisation       (1,918)       (1,7         EBITDA       6,276       4,4         Depreciation and amortisation       (378)       (3         OPERATING PROFIT       5,898       4,1         Finance costs       5       (55)       (1         Share of profits less losses of joint ventures       4       1         PROFIT BEFORE TAXATION       3       5,847       4,0         TAXATION       6       (822)       (5         PROFIT FOR THE PERIOD       5,025       3,4         PROFIT FOR THE PERIOD       5,041       3,4         - Non-controlling interests       (16)       (16)         PROFIT FOR THE PERIOD       5,025       3,4	OPERATING EXPENSES			
Premises expenses       (202)       (1         Product marketing and promotion expenses       (22)       (1         Legal and professional fees       (42)       (1         Other operating expenses       (206)       (2         (1,918)       (1,7       (1,918)       (1,7         EBITDA       6,276       4,4         Depreciation and amortisation       (378)       (3         OPERATING PROFIT       5,898       4,1         Finance costs       5       (55)       (1         Share of profits less losses of joint ventures       4       4         PROFIT FOR THE PERIOD       3       5,847       4,0         PROFIT/(LOSS) ATTRIBUTABLE TO:       -       -       -         - Shareholders of HKEX       5,041       3,4       -         - Non-controlling interests       (16)       (1       (1         PROFIT FOR THE PERIOD       5,025       3,4       -         PROFIT FOR THE PERIOD       5,025       3,4       -	Staff costs and related expenses		(1,205)	(1,073)
Product marketing and promotion expenses       (22)       ((         Legal and professional fees       (42)       ((         Other operating expenses       (206)       (2         (1,918)       (1,7         EBITDA       6,276       4,4         Depreciation and amortisation       (378)       (3)         OPERATING PROFIT       5,898       4,1         Finance costs       5       (55)       ((         Share of profits less losses of joint ventures       4       4         PROFIT FOR THE PERIOD       5,025       3,4         PROFIT/(LOSS) ATTRIBUTABLE TO:       -       -         - Shareholders of HKEX       5,041       3,4         - Non-controlling interests       (16)       (         PROFIT FOR THE PERIOD       5,025       3,4	IT and computer maintenance expenses		(241)	(210)
Legal and professional fees         (42)         (           Other operating expenses         (206)         (2           (1,918)         (1,7           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT/(LOSS) ATTRIBUTABLE TO:         -         -           - Shareholders of HKEX         5,041         3,4           - Non-controlling interests         (16)         (17)	Premises expenses		(202)	(176)
Other operating expenses         (206)         (2           (1,918)         (1,7           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT/(LOSS) ATTRIBUTABLE TO:         -         -           - Shareholders of HKEX         5,041         3,4           - Non-controlling interests         (16)         (           PROFIT FOR THE PERIOD         5,025         3,4	Product marketing and promotion expenses		(22)	(20)
(1,918)         (1,7           EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         (           Share of profits less losses of joint ventures         4         4           PROFIT BEFORE TAXATION         3         5,847         4,0           TAXATION         6         (822)         (5           PROFIT FOR THE PERIOD         5,025         3,4           PROFIT/(LOSS) ATTRIBUTABLE TO:         -         -           - Shareholders of HKEX         5,041         3,4           - Non-controlling interests         (16)         (           PROFIT FOR THE PERIOD         5,025         3,4	Legal and professional fees		(42)	(18)
EBITDA         6,276         4,4           Depreciation and amortisation         (378)         (3           OPERATING PROFIT         5,898         4,1           Finance costs         5         (55)         ((           Share of profits less losses of joint ventures         4         (         <	Other operating expenses		(206)	(214)
Depreciation and amortisation(378)(378)OPERATING PROFIT5,8984,1Finance costs5(55)Share of profits less losses of joint ventures4PROFIT BEFORE TAXATION35,847TAXATION6(822)PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO: Shareholders of HKEX5,0413,4- Non-controlling interests(16)(PROFIT FOR THE PERIOD5,0253,4			(1,918)	(1,711)
OPERATING PROFIT5,8984,1Finance costs5(55)(1Share of profits less losses of joint ventures41PROFIT BEFORE TAXATION35,8474,0TAXATION6(822)(5)PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO: Shareholders of HKEX5,0413,4- Non-controlling interests(16)(1PROFIT FOR THE PERIOD5,0253,4	EBITDA		6,276	4,492
Finance costs5(55)(155)Share of profits less losses of joint ventures4PROFIT BEFORE TAXATION35,8474,00TAXATION6(822)(50)PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO:5,0413,4- Shareholders of HKEX5,0413,4- Non-controlling interests(16)(16)PROFIT FOR THE PERIOD5,0253,4	Depreciation and amortisation		(378)	(362)
Share of profits less losses of joint ventures4PROFIT BEFORE TAXATION35,8474,0TAXATION6(822)(5)PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO: Shareholders of HKEX5,0413,4- Non-controlling interests(16)(PROFIT FOR THE PERIOD5,0253,4	OPERATING PROFIT		5,898	4,130
PROFIT BEFORE TAXATION       3       5,847       4,0         TAXATION       6       (822)       (5         PROFIT FOR THE PERIOD       5,025       3,4         PROFIT/(LOSS) ATTRIBUTABLE TO:       -       -         - Shareholders of HKEX       5,041       3,4         - Non-controlling interests       (16)       (         PROFIT FOR THE PERIOD       5,025       3,4	Finance costs	5	(55)	(65)
TAXATION6(822)(5PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO: Shareholders of HKEX5,0413,4- Non-controlling interests(16)(PROFIT FOR THE PERIOD5,0253,4	Share of profits less losses of joint ventures		4	(5)
PROFIT FOR THE PERIOD5,0253,4PROFIT/(LOSS) ATTRIBUTABLE TO: - Shareholders of HKEX5,0413,4- Non-controlling interests(16)(PROFIT FOR THE PERIOD5,0253,4	PROFIT BEFORE TAXATION	3	5,847	4,060
PROFIT/(LOSS) ATTRIBUTABLE TO:         - Shareholders of HKEX       5,041       3,4         - Non-controlling interests       (16)       (         PROFIT FOR THE PERIOD       5,025       3,4	TAXATION	6	(822)	(582)
- Shareholders of HKEX         5,041         3,4           - Non-controlling interests         (16)         (           PROFIT FOR THE PERIOD         5,025         3,4	PROFIT FOR THE PERIOD		5,025	3,478
- Non-controlling interests         (16)         (           PROFIT FOR THE PERIOD         5,025         3,4	PROFIT/(LOSS) ATTRIBUTABLE TO:			
PROFIT FOR THE PERIOD5,0253,4	- Shareholders of HKEX		5,041	3,493
	- Non-controlling interests		(16)	(15)
Basic earnings per share 7(a) \$4.07 \$2.	PROFIT FOR THE PERIOD		5,025	3,478
	Basic earnings per share	7(a)	\$4.07	\$2.86
Diluted earnings per share7(b)\$4.06\$2.	Diluted earnings per share	7(b)	\$4.06	\$2.85

# CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (UNAUDITED)

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
PROFIT FOR THE PERIOD	5,025	3,478
OTHER COMPREHENSIVE INCOME		
Items that may be reclassified subsequently to profit or loss:		
Currency translation differences of foreign subsidiaries	67	120
Cash flow hedges	(3)	-
Changes in fair value of financial assets measured at fair value		
through other comprehensive income	(3)	-
OTHER COMPREHENSIVE INCOME	61	120
TOTAL COMPREHENSIVE INCOME	5,086	3,598
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO:		
- Shareholders of HKEX	5,100	3,613
- Non-controlling interests	(14)	(15)
TOTAL COMPREHENSIVE INCOME	5,086	3,598

## CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION (UNAUDITED)

Employee share-based compensation reserve303222Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604			А	t 30 Jun 2018		A	t 31 Dec 2017	
ASETS         Cash and cash equivalents         9         152,978         -         152,978         155,660         -         155,660           Financial assets measured at fair value through profit or loss         9         73,693         -         73,693         95,037         -         95,037         15,638         16,64         21         16,654         21         16,654         21         16,693         16,144         -         16,728         17,925         17,925         17,925         17,925         17,925         17,925         17,925         17,925         16,329         10,91		-						
Cash and cash equivalents       9       152,973       -       152,973       155,660       -       155,660         Financial assets measured at fair value       9       73,693       -       73,693       50,077       -       0       -         Financial assets measured at fair value       9       36,004       79       36,083       30,757       60       30,817         Accounts receivable, prepayments and deposits       0       18,461       21       18,462       -       16,564       -       61       61         Goodwill and other intangible assets       -       14,28       17,988       17,988       -       17,925       17,925       17,925         Fixed assets       -       14,28       14,28       -       3,00       30 <th></th> <th>Note</th> <th>\$m</th> <th>\$m</th> <th>\$m</th> <th>\$m</th> <th>\$m</th> <th>\$m</th>		Note	\$m	\$m	\$m	\$m	\$m	\$m
Financial assets measured at fair value through profit or loss       9       73,693       -       73,693       95,037       -       95,037         Financial assets measured at fair value through other comprehensive income       9       30,590       -       30,590       -       -       -         Financial assets measured at monitole doos       9       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,004       79       30,007       60       30,017       71,925       17,925       17,925       17,925       17,925       17,925       17,925       17,925       17,925       30,02       20       -       20 </td <td>ASSETS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ASSETS							
through profit or loss       9       73,693       95,037       -       95,037         Financial assets measured at anonised cost       9       30,059       -       -       -         Financial assets measured at anonised cost       9       30,069       79       36,063       30,767       60       30,017         Accounts receivable, prepayments and deposits       10       18,461       21       18,482       -       65       65       -       61       61         Goodwill and other intangble assets       -       17,988       17,988       -       17,925       15,141	Cash and cash equivalents	9	152,978	-	152,978	155,660	-	155,660
through other comprehensive income       9       3,059       -       -       -         Financial assets measured at amortised cost       9       36,064       79       36,083       30,757       60       30,817         Accounts receivable, prepayments and deposits       10       18,461       21       18,482       16,564       21       16,555         Interests in joint ventures       -       65       65       -       17,925       17,925         Fixed assets       -       1,428       1,428       -       1,469       1,469         Lesse preinium for land       -       20       21       21       20       21       21		9	73,693	-	73,693	95,037	-	95,037
Financial assets measured at amortised cost       9       36,004       79       36,083       30,757       60       30,817         Accounts receivable, prepayments and deposits       10       18,461       21       16,462       16,564       61       661         Goodwill and other intangible assets       -       17,988       17,988       -       17,025       17,025         Fixed assets       -       14,28       -       14,69       1,469         Less premium for land       -       20       20       -       20       20         Deferred tax assets       -       284,195       19,628       30,324       298,018       19,568       317,604         LIABILITIES AND EQUITY       Liabilities       1       19,562       30,827       66,980       -       66,980       85,335       -       95,354         Financial liabilities and cash collateral from CPs       154,140       -       154,140       157,814       -       157,814         Accounts payable, accruats and other liabilities       11       16,522       57       16,579       16,526       -       957       -       957       1       950       1       16,210       16,210       16,210       16,210       16,210		0	0.050		0.050			
Accounts receivable, prepayments and deposits       10       18,461       21       18,462       16,564       21       16,565         Goodwill and other intangble assets       -       17,988       17,988       17,988       17,988       17,988       17,988       17,988       17,988       17,988       17,988       17,988       17,988       16,664       65       -       61	5			- 70	•	- 20 757	-	-
Interests in joint ventures       -       65       65       -       61       61         Goodwill and other intangible assets       -       17,988       17,988       -       17,925         Fixed assets       -       1,428       1,428       -       14,69       1,469         Lease premium for land       20       20       -       20 <t< td=""><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td></t<>					•			
Goodwill and other intangible assets         17,988         17,988         17,988         17,985         17,925         17,925           Fixed assets         1,428         1,428         1,428         1,429         1,469           Lease premium for land         20		10	10,401			10,504		
Fixed assets       -       1,428       1,428       -       1,469       1,469         Lease premium for land       -       20       20       -       20       20         Defered tax assets       -       28       28       -       30       30         Total assets       284,195       19,629       303,824       298,018       19,586       317,604         LIABILITIES AND EQUITY       Liabilities       Financial liabilities at fair value through profit or loss       66,980       -       66,980       85,335       -       85,335         Margin deposits, Mainland security and settlement deposits, maind cash collateral from CPs       154,140       -       157,814       -       157,814         Accounts payable, accruals and other liabilities       11       16,522       57       16,659       16,210         Deferred revenue       736       957       16,626       505       505         Other financial liabilities       10,014       -       1,014       505       66,626       16,626         Borrowings       12       1,788       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153 <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td>	-		-			-		
Lease premium for land         -         20         20         -         20         20           Deferred tax assets         -         28         28         -         30         30           Total assets         284,195         19,629         303,624         298,018         19,586         317,604           LIABILITES AND EQUITY         Liabilities         -         66,980         -         66,980         85,335         -         85,335           Financial liabilities at fair value through profit or loss         66,980         -         154,140         -         154,140         157,814         -         157,814           Accounts payable, accruals and other liabilities         11         16,522         57         16,579         16,159         51         16,210           Deferred revene         736         957         -         736         957         -         505           Other financial liabilities         10,014         -         10,014         505         -         16,526           Derorevings         12         1,789         83         1,827         1,027         833         1,800           Provisions         262,167         923         263,090         278,566         1,6			-		•			
Deferred tax assets         28         28         30           Total assets         284,195         19,629         303,624         298,018         19,586         317,604           LIABILITIES AND EQUITY         Liabilities         Financial liabilities at fair value through profit or loss         66,980         -         66,980         85,335         -         85,335           Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs         154,140         -         157,814         -         157,814           Accounts payable, accruals and other liabilities         11         16,522         57         16,579         16,159         50         05           Deferred revenue         736         -         736         957         -         505           Other financial liabilities         60         -         60         58         -         505           Other financial liabilities         12         1,789         83         1,872         1,027         833         1,860           Provisions         99         74         173         85         68         153           Deferred tax liabilities         262,167         923         263,090         278,566         1,663         280,229         221 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td>,</td>			-			-		,
Total assets         284,195         19,629         303,824         298,018         19,586         317,604           LIABILITIES AND EQUITY Liabilities         Image: Constraint of the consthered of the constraint of the constraint of the con	•		-			-		
LIABILITIES AND EQUITY           LIABILITIES           LIABILITIES AND EQUITY           LIABILITIES           Financial liabilities at fair value through profit or loss         66,980         -         66,980         85,335         -         85,335           Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs         154,140         -         157,814         -         156,50         -         656         58         -         58         66         153	Deferred tax assets		-		-			
Liabilities         Financial liabilities at fair value through profit or loss       66,980       -       66,980       85,335       -       85,335         Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs       154,140       -       154,140       157,814       -       157,814         Accounts payable, accruals and other liabilities       11       16,522       57       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,579       166,570       560	Total assets		284,195	19,629	303,824	298,018	19,586	317,604
Financial liabilities at fair value through profit or loss       66,980       -       66,980       85,335       -       85,335         Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs       154,140       -       157,814       -       157,814         Accounts payable, accruals and other liabilities       11       16,522       736       957       -       957         Taxation payable       1,014       -       1,014       505       -       505         Other financial liabilities       60       -       60       58       -       58         CPs' contributions to Clearing House Funds       20,827       -       20,827       10,626       -       16,626         Borrowings       12       1,789       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153         Deferred tax liabilities       -       709       709       -       711       711         Total liabilities       -       709       709       -       711       111         Total liabilities       -       709       709       -       711       111         Share capital	LIABILITIES AND EQUITY							
Margin deposits, Mainland security and settlement deposits, and cash collateral from CPs       154,140       - 154,140       157,814       - 157,814         Accounts payable, accruals and other liabilities       11       16,522       57       16,579       16,159       51       16,210         Deferred revenue       736       - 736       957       - 957         Taxation payable       1,014       - 1,014       505       - 505         Other financial liabilities       60       - 60       58       - 58         CPs' contributions to Clearing House Funds       20,827       - 20,827       16,626       - 16,626         Borrowings       12       1,789       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153         Deferred tax liabilities       - 709       709       - 711       711         Total liabilities       262,167       923       263,090       278,566       1,663       280,229         Equity       Share capital       26,899       (596)       1       25,141       (606)         Exchange reserve       (9)       1       222       40,303       222       22       40,646	Liabilities							
depositis, and cash collateral from CPs       154,140       - 154,140       157,814       - 157,814         Accounts payable, accruals and other liabilities       11       16,522       57       16,579       16,159       51       16,210         Deferred revenue       736       - 736       957       - 505       505         Other financial liabilities       60       - 60       58       - 58       58         CPs' contributions to Clearing House Funds       20,827       - 20,827       16,626       - 161       16,630       280,229       11       71	Financial liabilities at fair value through profit or loss		66,980	-	66,980	85,335	-	85,335
Deferred revenue         736         -         736         957         -         957           Taxation payable         1,014         -         1,014         505         -         505           Other financial liabilities         60         -         60         58         -         58           CPs' contributions to Clearing House Funds         20,827         -         20,827         16,626         -         16,626           Borrowings         12         1,789         83         1,872         1,027         833         1,860           Provisions         99         74         173         85         68         153           Deferred tax liabilities         -         709         709         -         711         711           Total liabilities         262,167         923         263,090         278,566         1,663         280,229           Equity         Shares held for Share Award Scheme         (596)         225,141         (606)         222           Hedging and revaluation reserves         (9)         1         1         222         1         1           Exchange reserve         (39)         (39)         (104)         37,273         12,090         2			154,140	-	154,140	157,814	-	157,814
Taxation payable       1,014       -       1,014       505       -       505         Other financial liabilities       60       -       60       58       -       58         CPs' contributions to Clearing House Funds       20,827       -       20,827       16,626       -       16,626         Borrowings       12       1,789       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153         Deferred tax liabilities       -       709       709       -       711       711         Total liabilities       262,167       923       263,090       278,566       1,663       280,229         Equity       -       709       709       -       711       711         Share capital       26,899       (596)       222       25,141       (606)         Employee share-based compensation reserve       (303       -       222       1         Exchange reserve       (39)       (104)       1       1         Exchange reserve relating to written put options to non-controlling interests       (293)       13,873       12,090       222         Reaerve relating	Accounts payable, accruals and other liabilities	11	16,522	57	16,579	16,159	51	16,210
Other financial liabilities       60       -       60       58       -       58         CPs' contributions to Clearing House Funds       20,827       -       20,827       16,626       -       16,626         Borrowings       12       1,789       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153         Deferred tax liabilities       -       709       709       -       711       711         Total liabilities       262,167       923       263,090       278,566       1,663       280,229         Equity       -       -       709       -       711       711         Share capital       (596)       303       26,699       (596)       222         Hedging and revaluation reserves       (9)       1       222       26,999       1       26,999       1         Exchange reserve       (39)       508       222       229       229       229       229       229         Reserve relating to written put options to non-controlling interests       13,873       12,900       12,900       12,900       12,900       12,900       12,900       12,900	Deferred revenue		736	-	736	957	-	957
CPs' contributions to Clearing House Funds       20,827       -       20,827       16,626       -       16,626         Borrowings       12       1,789       83       1,872       1,027       833       1,660         Provisions       99       74       173       85       68       153         Deferred tax liabilities       -       709       709       -       711       711         Total liabilities       262,167       923       263,090       278,566       1,663       280,229         Equity       Share capital       262,167       923       263,090       278,566       1,663       280,229         Share sheld for Share Award Scheme       (596)       303       (596)       222       25,141       (606)         Employee share-based compensation reserve       (39)       (596)       303       (104)       222         Hedging and revaluation reserves       (39)       (39)       (104)       222       293         Reserve relating to written put options to non-controlling interests       (293)       13,873       12,900       24,973         Requity attributable to shareholders of HKEX       40,646       37,375       303,824       37,375         Total equity       40	Taxation payable		1,014	-	1,014	505	-	505
Borrowings       12       1,789       83       1,872       1,027       833       1,860         Provisions       99       74       173       85       68       153         Deferred tax liabilities       709       709       709       711       711         Total liabilities       262,167       923       263,090       278,566       1,663       280,229         Equity       Equity       262,167       923       263,090       278,566       1,663       280,229         Share capital       262,167       923       263,090       278,566       1,663       280,229         Equity       Share capital       26,899       (596)       25,141       (606)         Employee share-based compensation reserve       9303       933       1,014       20,222       21,114         Bedging and revaluation reserves       9303       933       933       933       933       933       933       933         Designated reserves       9303       938       938       938       938       938       938       938       938       938         Reserve relating to written put options to non-controlling interests       9313,873       12,090       938       12,090	Other financial liabilities		60	-	60	58	-	58
Provisions         99         74         173         85         68         153           Deferred tax liabilities         -         709         709         -         711         711           Total liabilities         262,167         923         263,090         278,566         1,663         280,229           Equity         Share capital         26,899         268,899         255,141         (606)           Share capital         26,99         -         711         711         (606)         222           Hedging and revaluation reserves         (9)         -         1         222         1	CPs' contributions to Clearing House Funds		20,827	-	20,827	16,626	-	16,626
Deferred tax liabilities         -         709         709         -         711         711           Total liabilities         262,167         923         263,090         278,566         1,663         280,229           Equity         Share capital         26,899         278,566         1,663         280,229           Share capital         26,899         (596)         25,141         (606)           Employee share-based compensation reserve         303         222         (104)         (211)         (104)         (104)         (104)         (104)         (104)         (293)         (104)         (293) </td <td>Borrowings</td> <td>12</td> <td>1,789</td> <td>83</td> <td>1,872</td> <td>1,027</td> <td>833</td> <td>1,860</td>	Borrowings	12	1,789	83	1,872	1,027	833	1,860
Total liabilities         262,167         923         263,090         278,566         1,663         280,229           Equity         Share capital         26,899         25,141         (606)           Shares held for Share Award Scheme         (596)         (606)         (606)           Employee share-based compensation reserve         303         222         (9)         1           Exchange reserve         (39)         (104)         (104)         (293)	Provisions		99	74	173	85	68	153
Equity26,89925,141Share capital26,899(606)Employee share-based compensation reserve303222Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Deferred tax liabilities		-	709	709	-	711	711
Share capital26,89925,141Shares held for Share Award Scheme(596)(606)Employee share-based compensation reserve303222Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)(293)Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total lequity40,73437,375	Total liabilities		262,167	923	263,090	278,566	1,663	280,229
Shares held for Share Award Scheme(596)(606)Employee share-based compensation reserve303222Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total lequity40,73437,375	Equity							
Employee share-based compensation reserve303222Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Share capital				26,899			25,141
Hedging and revaluation reserves(9)1Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Shares held for Share Award Scheme				(596)			(606)
Exchange reserve(39)(104)Designated reserves508822Reserve relating to written put options to non-controlling interests(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Employee share-based compensation reserve				303			222
Designated reserves508822Reserve relating to written put options to non-controlling interests(293)(293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Hedging and revaluation reserves				(9)			1
Reserve relating to written put options to non-controlling interests(293) 13,873(293) 12,090Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Exchange reserve				(39)			(104)
Reserve relating to written put options to non-controlling interests(293) (293)Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	•							
Retained earnings13,87312,090Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	<b>o</b> 1 1				(293)			(293)
Equity attributable to shareholders of HKEX40,64637,273Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	5							
Non-controlling interests88102Total equity40,73437,375Total liabilities and equity303,824317,604	Equity attributable to shareholders of HKEX				40,646			37,273
Total liabilities and equity303,824317,604					88			
					40,734			37,375
Net current assats 22.020 40.453	Total liabilities and equity				303,824			317,604
iner current assers 22,020 19,452	Net current assets				22,028			19,452

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

#### 1. Basis of Preparation and Accounting Policies

These unaudited condensed consolidated financial statements should be read in conjunction with the 2017 annual consolidated financial statements. Except as described in note 2 below, the accounting policies and methods of computation used in the preparation of these unaudited condensed consolidated financial statements are consistent with those used in the annual consolidated financial statements for the year ended 31 December 2017.

The financial information relating to the year ended 31 December 2017 that is included in these unaudited condensed consolidated financial statements for the six months ended 30 June 2018 as comparative information does not constitute the statutory annual consolidated financial statements of the Company for that year but is derived from those consolidated financial statements. Further information relating to these statutory financial statements required to be disclosed in accordance with section 436 of the Hong Kong Companies Ordinance (Chapter 622) is as follows:

The Company has delivered the consolidated financial statements for the year ended 31 December 2017 to the Registrar of Companies as required by section 662(3) of, and Part 3 of Schedule 6 to, the Hong Kong Companies Ordinance (Chapter 622).

The Company's auditor has reported on those consolidated financial statements. The auditor's report was unqualified; did not include a reference to any matters to which the auditor drew attention by way of emphasis without qualifying its report; and did not contain a statement under sections 406(2), 407(2) or (3) of the Hong Kong Companies Ordinance (Chapter 622).

#### 2. Adoption of new/revised Hong Kong Financial Reporting Standards (HKFRSs)

In 2018, the Group has adopted the following new standards and interpretation to HKFRSs which are pertinent to the Group's operations and effective for accounting periods beginning on or after 1 January 2018:

HKFRS 9 (2014)	Financial Instruments
----------------	-----------------------

HKFRS 15 Revenue from Contracts with Customers

HK(IFRIC) Interpretation 22 Foreign Currency Transactions and Advance Consideration

HKFRS 9 (2014) affects the classification of debt securities held for Margin Funds and recognition of impairment provisions.

Prior to the adoption of HKFRS 9 (2014), debt securities held for Margin Funds amounting to \$3,059 million as at 31 December 2017 were classified as financial assets measured at fair value through profit or loss. They are held by the Group in a separate portfolio to provide interest income, but may be sold to meet liquidity requirements arising in the normal course of business. The Group considers that these securities are held within a business model whose objective is achieved both by collecting contractual cash flows and by selling the securities. These assets have therefore been classified as financial assets measured at fair value through other comprehensive income under HKFRS 9 (2014). Accordingly, the related cumulative fair value losses of \$4 million were transferred from retained earnings to the revaluation reserve on 1 January 2018. During the six months ended 30 June 2018, net fair value losses of \$3 million relating to these investments, which would otherwise have been charged to the condensed consolidated income statement under HKFRS 9 (2009), were taken to revaluation reserve.

Interest income, foreign exchange differences, impairment losses, and gains or losses on disposal of these debt securities continue to be recognised in the consolidated income statement.

The new impairment model under HKFRS 9 (2014) requires the recognition of provision for impairment losses based on expected credit losses rather than incurred credit losses. There was no material change in the amount of provision for impairment losses required under the expected credit loss model compared with the incurred credit loss model, and there was no financial impact on such change at 1 January 2018, 30 June 2018, and for the six months ended 30 June 2018.

The Group applied HKFRS 9 (2014) retrospectively from 1 January 2018. With the practical expedients permitted under the standard, comparatives for 2017 were not restated.

HKFRS 15 is based on the principle that revenue is recognised when control of goods or services is transferred to customers. Prior to the adoption of HKFRS 15, initial listing fees for IPOs were recognised upon the listing of an applicant, cancellation of the application or six months after submission of the application, whichever was earlier, and certain upfront fees charged by the Group were recognised upon receipt. Under HKFRS 15, initial listing fees for IPOs and upfront fees are recognised over time when the services are provided. The timing differences of recognising initial listing fees for IPOs were insignificant, and the financial impact of the change in recognition policy for upfront fees was as follows:

- During the six months ended 30 June 2018, the amount of upfront fees recognised under HKFRS 15 was \$9 million, as compared to \$10 million before the adoption of HKFRS 15.
- Cumulative financial impact of upfront fees of \$62 million was debited to retained earnings with a resulting credit to deferred revenue (the terminology "contract liability" under HKFRS 15 is presented as deferred revenue) on 1 January 2018.

The Group applied HKFRS 15 using the modified retrospective approach and comparatives were not restated.

HK(IFRIC) Interpretation 22 clarifies that the date of the transaction for the purpose of determining the exchange rate to be used on initial recognition of the related asset, expense or income is the date on which the Group initially pays or receives the advance consideration. The adoption did not have any financial impact on the Group.

#### 3. Operating Segments

The Group determines its operating segments based on the internal management reports that are used to make strategic decisions reviewed by the chief operating decision-maker.

The Group has five reportable segments ("Corporate Items" is not a reportable segment). The segments are managed separately as each segment offers different products and services and requires different IT systems and marketing strategies. The operations in each of the Group's reportable segments are as follows:

The **Cash** segment covers all equity products traded on the Cash Market platforms, the Shanghai Stock Exchange and the Shenzhen Stock Exchange through Stock Connect, sales of market data relating to these products and other related activities. The major sources of revenue of the segment are trading fees, trading tariff, listing fees of equity products and market data fees.

The **Equity and Financial Derivatives** segment refers to derivatives products traded on the Stock Exchange and Futures Exchange and other related activities. These include the provision and maintenance of trading platforms for a range of equity and financial derivatives products, such as stock and equity index futures and options, DWs, CBBCs and warrants and sales of related market data. The major sources of revenue are trading fees, trading tariff, listing fees of derivatives products and market data fees.

The **Commodities** segment refers to the operations of the LME, which operates an exchange in the UK for the trading of base and precious metals futures and options contracts, and the development of a new commodity trading platform in the Mainland. It also covers the Asia Commodities contracts and gold and iron ore futures contracts traded on the Futures Exchange. The major sources of revenue of the segment are trading fees of commodity products, commodity market data fees and fees from ancillary operations.

The **Clearing** segment refers to the operations of the five clearing houses, namely HKSCC, SEOCH, HKCC, OTC Clear and LME Clear, which are responsible for clearing, settlement and custodian activities of the exchanges of the Group and Northbound trades under Stock Connect, and clearing and settlement of over-the-counter derivatives contracts. Its principal sources of revenue are derived from providing clearing, settlement, depository, custody and nominee services and net investment income earned on the Margin Funds and Clearing House Funds.

The **Platform and Infrastructure** segment refers to all services in connection with providing users with access to the platform and infrastructure of the Group. Its major sources of revenue are network, terminal user, dataline and software sub-license fees and hosting services fees.

Central income (including net investment income of Corporate Funds) and central costs (costs of central support functions that provide services to all operating segments and other costs not directly related to any operating segment) are included as "Corporate Items".

The chief operating decision-maker assesses the performance of the operating segments principally based on their EBITDA.

An analysis by operating segment of the Group's EBITDA and profit before taxation for the period is as follows:

	Six months ended 30 Jun 2018									
		Equity and Financial			Platform and	Corporate	_			
	Cash	Derivatives	Commodities	Clearing	Infrastructure \$m	ltems	Group			
r	\$m	\$m	\$m	\$m	φIII	\$m	\$m			
Revenue from external customers	2,099	1,734	706	2,511	327	8	7,385			
Net investment income	-	-	-	622	-	173	795			
Sundry income	-	-	-	7	-	7	14			
Revenue and other income	2,099	1,734	706	3,140	327	188	8,194			
Operating expenses	(282)	(280)	(354)	(400)	(75)	(527)	(1,918)			
Reportable segment EBITDA	1,817	1,454	352	2,740	252	(339)	6,276			
Depreciation and amortisation	(40)	(36)	(147)	(101)	(18)	(36)	(378)			
Finance costs	-	-	-	(16)	-	(39)	(55)			
Share of profits less losses of joint ventures	8	(4)	-	-	-	-	4			
Reportable segment profit before taxation	1,785	1,414	205	2,623	234	(414)	5,847			

Six months ended 30 Jun 2017									
	Equity and			Platform	Corporate				
Cash	Derivatives	Commodities	Clearing	Infrastructure	Items	Group			
\$m	\$m	\$m	\$m	\$m	\$m	\$m			
1,512	952	721	1,912	279	3	5,379			
-	-	-	393	-	428	821			
-	-	-	3	-	-	3			
1,512	952	721	2,308	279	431	6,203			
(291)	(222)	(281)	(378)	(75)	(464)	(1,711)			
1,221	730	440	1,930	204	(33)	4,492			
(33)	(36)	(136)	(92)	(21)	(44)	(362)			
-	-	-	-	-	(65)	(65)			
-	(5)	-	-	-	-	(5)			
1 188	689	304	1 838	183	(142)	4,060			
	\$m 1,512 - 1,512 (291) 1,221 (33) -	Financial Derivatives           \$m           \$m           1,512         952           -         -           1,512         952           (291)         (222)           1,221         730           (33)         (36)           -         -           -         -           -         -           (5)         -	Equity and Financial         Commodities           \$m         \$m         \$m           1,512         952         721           -         -         -           1,512         952         721           -         -         -           1,512         952         721           (291)         (222)         (281)           1,221         730         440           (33)         (36)         (136)           -         -         -           -         (5)         -	Equity and Financial         Commodities         Clearing \$m           Cash         Derivatives         Commodities         Clearing           \$m         \$m         \$m         \$m           1,512         952         721         1,912           -         -         -         393           -         -         -         393           -         -         -         393           -         -         3         393           -         -         -         393           -         -         -         3           1,512         952         721         2,308           (291)         (222)         (281)         (378)           1,221         730         440         1,930           (33)         (36)         (136)         (92)           -         -         -         -           -         (5)         -         -	Equity and Financial         Platform and           Cash         Derivatives         Commodities         Clearing         Infrastructure           \$m         \$m         \$m         \$m         \$m         \$m           1,512         952         721         1,912         279           -         -         -         393         -           -         -         -         3         -           1,512         952         721         2,308         279           -         -         -         3         -           1,512         952         721         2,308         279           (291)         (222)         (281)         (378)         (75)           1,221         730         440         1,930         204           (33)         (36)         (136)         (92)         (21)           -         -         -         -         -           -         (5)         -         -         -	Equity and Financial         Platform           Cash         Derivatives         Commodities         Clearing         Infrastructure         Items           \$m         \$m         \$m         \$m         \$m         \$m         \$m         \$m           1,512         952         721         1,912         279         3           -         -         -         393         -         428           -         -         3         -         -           1,512         952         721         2,308         279         431           (291)         (222)         (281)         (378)         (75)         (464)           1,221         730         440         1,930         204         (33)           (33)         (36)         (136)         (92)         (21)         (44)           -         -         -         -         -         -           -         (5)         -         -         -         -         -			

#### 4. Net Investment Income

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Gross interest income from financial assets measured at amortised cost	1,229	643
Gross interest income from financial assets measured at fair value		
through other comprehensive income	29	-
Interest rebates to Participants	(505)	(200)
Net interest income	753	443
Net fair value gains including interest income on financial assets		
mandatorily measured at fair value through profit or loss and		
financial liabilities at fair value through profit or loss	52	346
Others	(10)	32
Net investment income	795	821

#### 5. Finance Costs

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Interest and finance charges for financial liabilities not at fair value through profit or loss (note (a))	48	44
Negative interest on Euro and Japanese Yen deposits	7	-
Net foreign exchange losses on financing activities	-	21
	55	65

(a) For the six months ended 30 June 2018, the total interest expenses for financial liabilities not at fair value through profit or loss amounted to \$27 million (2017: \$44 million). For the six months ended 30 June 2018, banking facility commitment fees of \$21 million that relate to liquidity support provided to the Group's clearing houses have been reclassified from bank charges, under other operating expenses, to finance costs to more appropriately reflect the nature of the costs incurred. No restatement of prior period comparatives of \$20 million was made as the amount was considered immaterial to the overall financial statements.

#### 6. Taxation

Taxation charge/(credit) in the condensed consolidated income statement represents:

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Current tax - Hong Kong Profits Tax	762	479
Current tax - Overseas Tax	61	116
	823	595
Deferred tax	(1)	(13)
	822	582

(a) Hong Kong Profits Tax has been provided at the rate of 16.5 per cent (2017: 16.5 per cent) and overseas profits tax at the rates of taxation prevailing in the countries in which the Group operates, with the average corporation tax rate applicable to the subsidiaries in the UK being 19 per cent (2017: 19.25 per cent).

#### 7. Earnings Per Share

The calculation of the basic and diluted earnings per share is as follows:

(a) Basic earnings per share

	Six months ended 30 Jun 2018	Six months ended 30 Jun 2017
Profit attributable to shareholders (\$m)	5,041	3,493
Weighted average number of shares in issue less shares held for Share Award Scheme (in '000)	1,238,023	1,222,293
Basic earnings per share (\$)	4.07	2.86
Diluted earnings per share		
	Six months ended 30 Jun 2018	Six months ended 30 Jun 2017
Profit attributable to shareholders (\$m)	5,041	3,493
Weighted average number of shares in issue less shares held for Share Award Scheme (in '000)	1,238,023	1,222,293
Effect of shares awarded under Share Award Scheme (in '000)	2,872	3,134
Weighted average number of shares for the purpose of calculating diluted earnings per share (in '000)	1,240,895	1,225,427
Diluted earnings per share (\$)	4.06	2.85

#### 8. Dividends

	Six months ended 30 Jun 2018 \$m	Six months ended 30 Jun 2017 \$m
Interim dividend declared of \$3.64 (2017: \$2.55) per share at 30 Jun	4,538	3,141
Less: Dividend for shares held by Share Award Scheme at 30 Jun	(11)	(8)
	4,527	3,133

#### 9. Financial Assets

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m
Cash and cash equivalents	152,978	155,660
Financial assets measured at fair value through profit or loss	73,693	95,037
Financial assets measured at fair value through other comprehensive income	3,059	-
Financial assets measured at amortised cost	36,083	30,817
	265,813	281,514

The Group's financial assets comprised financial assets of cash prepayments and collateral for A shares (Cash for A shares), Corporate Funds, Margin Funds, Clearing House Funds and metals derivatives contracts as follows:

	At 30 Jun 2018 \$m	At 31 Dec 2017 \$m
Cash for A shares (note (a))		
Cash and cash equivalents	-	1,689
Corporate Funds		
Cash and cash equivalents (note (b))	15,845	13,546
Financial assets measured at fair value through profit or loss	6,713	6,643
Financial assets measured at amortised cost	3,308	1,275
	25,866	21,464
Margin Funds <sup>1</sup>		
Cash and cash equivalents	115,663	122,844
Financial assets measured at fair value through profit or loss	-	3,059
Financial assets measured at fair value through other comprehensive income	3,059	-
Financial assets measured at amortised cost	32,714	29,481
	151,436	155,384
Clearing House Funds		
Cash and cash equivalents	21,470	17,581
Financial assets measured at amortised cost	61	61
	21,531	17,642
Metals derivatives contracts		
Financial assets measured at fair value through profit or loss	66,980	85,335
	265,813	281,514

1 Excludes Settlement Reserve Fund and Settlement Guarantee Fund paid to ChinaClear and margin receivable from CPs of \$2,704 million (31 December 2017: \$2,430 million), which are included in accounts receivable, prepayments and other deposits. If such amounts are included, total Margin Funds would be \$154,140 million (31 December 2017: \$157,814 million). The expected maturity dates of the financial assets are analysed as follows:

	At 30 Jun 2018								At 31 D	ec 2017		
	Cash			Clearing	Clearing Metals Cash Clearing		Clearing					
	for	Corporate	Margin	House	derivatives		for	Corporate	Margin	House	derivatives	
	A shares	Funds	Funds	Funds	contracts	Total	A shares	Funds	Funds	Funds	contracts	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Within twelve months	-	25,787	151,436	21,531	66,980	265,734	1,689	21,404	155,384	17,642	85,335	281,454
Over twelve months	-	79	-	-	-	79	-	60	-	-	-	60
	-	25,866	151,436	21,531	66,980	265,813	1,689	21,464	155,384	17,642	85,335	281,514

- (a) Cash for A shares includes:
  - RMB cash prepayments received by HKSCC from its CPs for releasing their allocated A shares on the trade day. Such prepayments will be used to settle HKSCC's Continuous Net Settlement (CNS) obligations payable on the next business day; and
  - (ii) HKD/USD cash collateral received by HKSCC from its CPs for releasing their allocated A shares on the trade day. Such collateral will be refunded to the CPs when they settle their RMB CNS obligations on the next business day.
- (b) At 30 June 2018, cash and cash equivalents of Corporate Funds of \$1,292 million (31 December 2017: \$Nil) were solely used to support Skin-in-the-Game and default fund credits for HKSCC Guarantee Fund, SEOCH Reserve Fund and HKCC Reserve Fund.

#### 10. Accounts Receivable, Prepayments and Deposits

The Group's accounts receivable, prepayments and deposits mainly represents the Group's CNS money obligations receivable, which accounted for 78 per cent (31 December 2017: 75 per cent) of the total accounts receivable, prepayments and deposits. CNS money obligations receivable mature within two days after the trade date. Fees receivable are due immediately or up to 60 days depending on the type of services rendered. The majority of the remaining accounts receivable, prepayments and deposits were due within three months.

#### 11. Accounts Payable, Accruals and Other Liabilities

The Group's accounts payable, accruals and other liabilities mainly represents the Group's CNS money obligations payable, which accounted for 87 per cent (31 December 2017: 88 per cent) of the total accounts payable, accruals and other liabilities. CNS money obligations payable mature within two days after the trade date. The majority of the remaining accounts payable, accruals and other liabilities would mature within three months.

#### 12. Borrowings

	At 30 Jun 2018	At 31 Dec 2017
Notes	\$m 1,539	\$m 1,533
Written put options to non-controlling interests	333	327
Total borrowings	1,872	1,860
Analysed as:		
Non-current liabilities	83	833
Current liabilities	1,789	1,027
	1,872	1,860

During the six months ended 30 June 2018, there was no repayment of notes, and none of the written put options was exercised.

## **INTERIM DIVIDEND AND CLOSURE OF REGISTER OF MEMBERS**

The Board has declared an interim dividend of \$3.64 per share (2017: \$2.55 per share) for the year ending 31 December 2018. The interim dividend will be payable in cash with a scrip alternative where a 3 per cent discount on the subscription price will be offered to Shareholders who elect to subscribe for shares. The scrip dividend alternative is conditional upon the SFC's granting the listing of, and permission to deal in, new shares of HKEX to be issued pursuant thereto. Details of the scrip dividend alternative will be set out in a circular to Shareholders.

#### **Relevant Dates for Interim Dividend Payment**

Ex-dividend date 21 August 2018 Closure of HKEX's Register of Members 23 to 24 August 2018 (both dates inclusive) 24 August 2018 Despatch of scrip dividend circular and election form 0n or about 29 August 2018 Announcement of scrip share subscription price Despatch of dividend warrants/definitive share certificates 20 September 2018

To qualify for the interim dividend, all properly completed transfer forms accompanied by the relevant share certificates must be lodged for registration with HKEX's registrar, Hong Kong Registrars Limited, at Shops 1712-1716, 17<sup>th</sup> Floor, Hopewell Centre, 183 Queen's Road East, Wan Chai, Hong Kong no later than 4:30 pm on Wednesday, 22 August 2018.

### PUBLICATION OF 2018 INTERIM RESULTS AND INTERIM REPORT

This announcement is published on the HKEXnews website at <u>www.hkexnews.hk</u> and the HKEX Group website at <u>www.hkexgroup.com/Investor-Relations/Regulatory-</u> <u>Disclosure/Announcements/2018</u>. The 2018 Interim Report will be available on the HKEXnews and HKEX Group websites and despatched to Shareholders on or about Thursday, 23 August 2018.

By Order of the Board Hong Kong Exchanges and Clearing Limited Joseph Mau Group Company Secretary

Hong Kong, 8 August 2018

As at the date of this announcement, the Board comprises 12 Independent Non-executive Directors, namely Mrs CHA May-Lung, Laura (Chairman), Mr Apurv BAGRI, Mr CHAN Tze Ching, Ignatius, Mr CHEAH Cheng Hye, Ms FUNG Yuen Mei, Anita, Mr Rafael GIL-TIENDA, Dr HU Zuliu, Fred, Mr HUNG Pi Cheng, Benjamin, Mrs LEUNG KO May Yee, Margaret, Mr LEUNG Pak Hon, Hugo, Mr John Mackay McCulloch WILLIAMSON and Mr YIU Kin Wah, Stephen, and one Executive Director, Mr LI Xiaojia, Charles, who is also the Chief Executive of HKEX.

### GLOSSARY

ADT Average daily turnover value ADV Average daily volume (in number of contracts/lots) Board HKEX's board of directors A mutual bond market access programme between Hong Kong and Bond Connect Mainland China, under which Northbound trading enables overseas investors to invest in the China Interbank Bond Market. and Southbound trading will be explored at a later stage Cash Market HKEX's securities related business excluding stock options **CBBCs** Callable Bull/Bear Contracts ChinaClear China Securities Depository and Clearing Corporation Limited CNH Offshore RMB traded outside Mainland China **Corporate Governance Code** Refers to Appendix 14 to the Main Board Listing Rules CPs **Clearing Participants Derivatives Market** HKEX's derivatives related business including stock options HKEX's director(s) Director(s) DWs **Derivative warrants** e-IPO **Electronic Initial Public Offering** EPs **Exchange Participants** ETF(s) Exchange Traded Fund(s) The official currency of the Eurozone Euro The Stock Exchange of Hong Kong Limited Stock Exchange Fixed income and currency FIC Hong Kong Futures Exchange Limited Futures Exchange or HKFE GBP Pounds sterling **Government Appointed** Directors appointed by the Financial Secretary of the Hong Kong Special Administrative Region of the People's Republic of China Directors pursuant to Section 77 of the SFO HKEX and its subsidiaries Group HKCC **HKFE Clearing Corporation Limited** HKEX or the Company Hong Kong Exchanges and Clearing Limited Hong Kong Securities Clearing Company Limited HKSCC Hang Seng China Enterprises Index HSCEI Hang Seng Index HSI IPO(s) Initial Public Offering(s) TSI Iron Ore Fines 62 per cent Fe CFR China Futures Iron Ore Futures IT Information Technology Main Board Listing Rules and Rules Governing the Listing of Listing Rule(s) Securities on GEM of The Stock Exchange of Hong Kong Limited LME The London Metal Exchange LME Clear LME Clear Limited HKEX Investment (UK) Limited, LME Holdings Limited, the LME LME Group and LME Clear London Metal Mini Futures London Aluminium/Zinc/Copper/Nickel/Tin/Lead Mini Futures Main Board Listing Rules Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited **MSCI** MSCI Inc. Northbound Trading Hong Kong and overseas investors trading in eligible securities that are listed on the Shanghai Stock Exchange or the Shenzhen Stock Exchange through Stock Connect OTC Over-the-counter OTC Clear OTC Clearing Hong Kong Limited RMB Renminbi

SEOCH SFC SFO	The SEHK Options Clearing House Limited Securities and Futures Commission Securities and Futures Ordinance (Chapter 571 of the Laws of Hong
	Kong)
Shanghai-Hong Kong Stock Connect or Shanghai Connect	A mutual market access programme that links the stock markets in Shanghai and Hong Kong, enabling investors in Hong Kong and Mainland China to trade and settle shares listed on the other market via the exchange and clearing house in their home market
Shareholders	HKEX's shareholders
Share Award Scheme	The Employees' Share Award Scheme adopted by the Board on 14 September 2005 which was subsequently amended on 16 August 2006, 13 May 2010, 17 December 2013 and 17 June 2015
Shenzhen-Hong Kong Stock Connect or Shenzhen Connect	A mutual market access programme that links the stock markets in Shenzhen and Hong Kong, enabling investors in Hong Kong and Mainland China to trade and settle shares listed on the other market via the exchange and clearing house in their home market
Southbound Trading	Mainland investors trading in eligible securities that are listed on the Stock Exchange through Stock Connect
Stock Connect	Shanghai-Hong Kong Stock Connect and Shenzhen-Hong Kong Stock Connect
UK	United Kingdom
US	United States of America
US\$/USD	United States dollar
\$/HK\$/HKD	Hong Kong dollar
\$bn/bn	Hong Kong dollar in billion/billion
\$m	Hong Kong dollar in million