

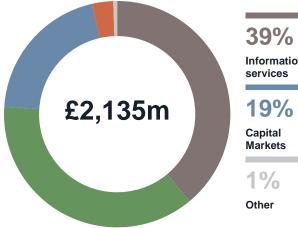
London Stock Exchange Group

Investor Relations Presentation May 2019



Income by segment - 2018

LSEG 2018 Total Income by segment



39%	38%
nformation services	Post Trade
19%	3%
Capital Markets	Technology
1%	
Other	

				Organic and
	Twelve months	s ended		constant
	31 Decem	ber		currency
	2018	2017	Variance	variance ¹
Continuing operations:	£m	£m	%	%
Revenue				
Information Services	841	736	14%	9%
Post Trade Services - LCH	487	432	13%	13%
Post Trade Services - CC&G and Monte Titoli	102	109	(6%)	(7%)
Capital Markets	407	391	4%	4%
Technology	65	91	(28%)	7%
Other	9	9	(1%)	(2%)
Total revenue	1,911	1,768	8%	7%
Net treasury income through CCP businesses	218	162	34%	35%
Other income	6	25	(73%)	(73%)
Total income	2,135	1,955	9%	9%

Double-digit growth

FTSE Russell

FTSE Russell revenue up 15% (up 8% at organic constant currency)



LCH OTC clearing revenue up 16% (up 17% at organic constant currency)

2018 versus 2017

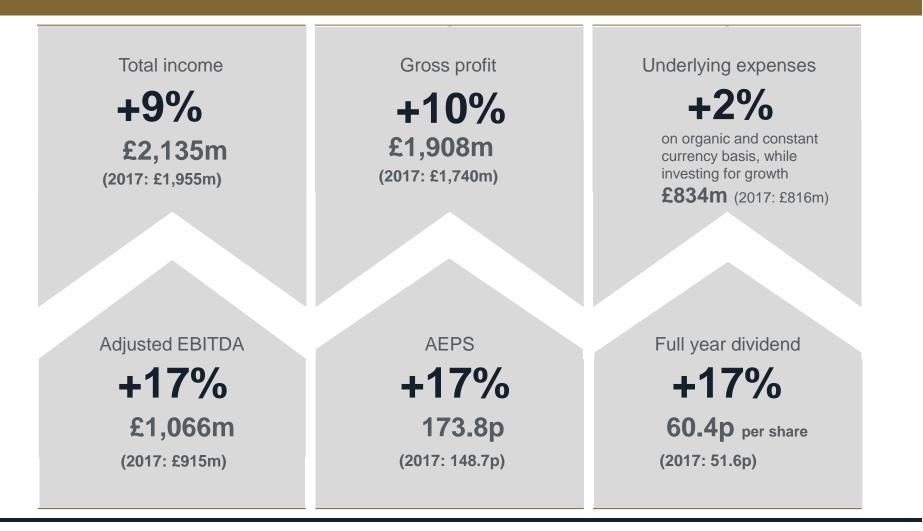
- Capital Markets £13m reduction in revenues due to adoption of accounting standard IFRS 15 (see 2018 Notes To The Financial Statements)
- Post Trade LCH: £9m Cost of Sales netted off against Other income
- Post Trade CC&G and Monte Titoli: £10m Cost of Sales netted off against revenues
- Technology Services: Disposal of MillenniumIT ESP and Exactpro December 2017 £30m revenue

¹ Organic growth is calculated in respect of businesses owned for at least 12 months in either period and so excludes ISPS, The Yield Book, MillenniumIT ESP and Exactpro

Organic and



Strong financial performance - 2018



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Note: All above figures for continuing operations only, Operating expenses before depreciation and amortisation



Group Strategic priorities

Focus on delivering shareholder returns while investing for long-term value

Successful strategy with differentiated approach	Open Access, customer partnership model, strong set of businesses with good growth opportunities
Group-wide collaboration	Develop product innovation across the Group; data and analytics; new technologies; deepen Group-wide customer focus
Operational efficiency	Invest for growth, focus on efficiency, improve margins, while maintaining operational excellence and resiliency
Shareholder value	Focus on delivering performance, while investing for long-term value



Deliver next-stage benefits of enlarged Group

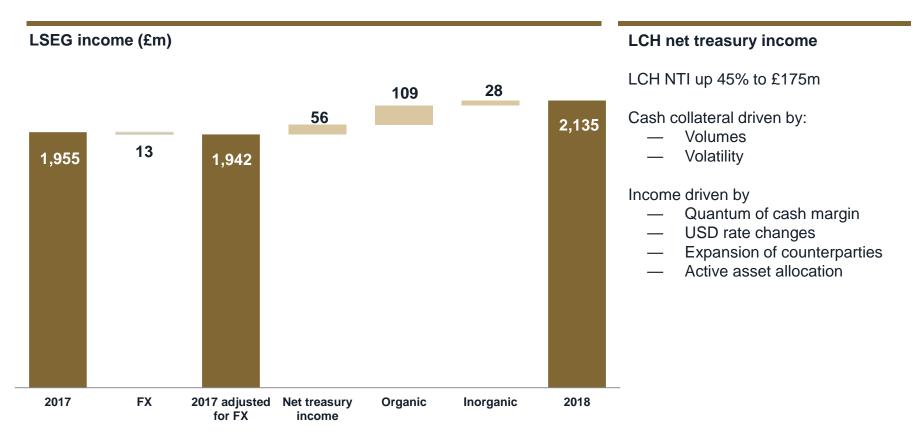
Enhance customer partnership approach	Develop data & analytics strategy	Collaboration, innovation and efficiency	Emerging technologies	Focus on capital utilisation organic & inorganic investments
further customer collaboration with buy-side and sell-side to drive innovation on new services and products	utilise data and analytics to enable further product innovation across businesses in partnership with customers	Group model and culture to support collaboration across businesses to join up client delivery, foster innovation, drive efficiency and remove duplication	for product development and cost saving opportunities	within existing framework – to drive further shareholder returns
e.g. LCH, Turquoise Plato & CurveGlobal	e.g. explore ISD analytics for LCH customers		e.g. Nivaura and on- going adoption of Cloud technology	

Bringing together a great set of businesses to deliver wider benefits of global Group



Income growth - 2018

Strong organic growth from investment in new products and acquisitions



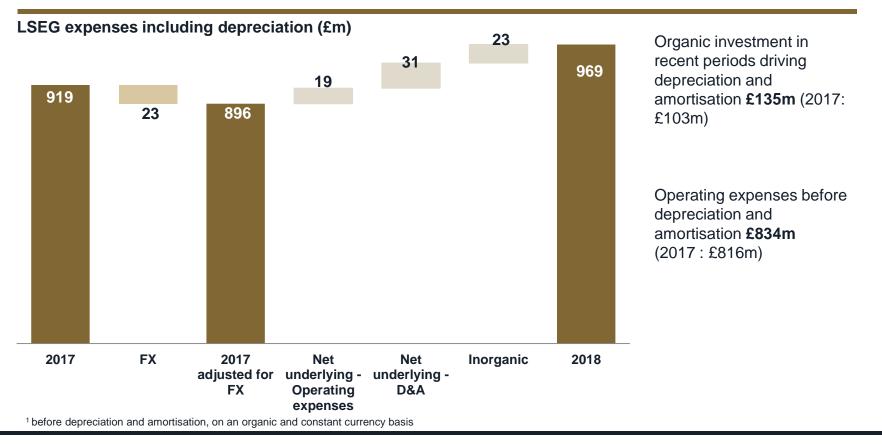
Note: Figures include continuing operations only, Inorganic includes income for businesses held for less than 12 months in either period: ISPS, The Yield Book, MillenniumIT ESP and Exactpro



Operating expenses - 2018

Underlying expenses¹ up 2%

Operating expenses including depreciation up 6%



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Note: Figures include continuing operations only, excluding amortisation of purchased intangibles, non-underlying items and cost of sales Inorganic includes costs for businesses held for less than 12 months in either period: ISPS, The Yield Book, MillenniumIT ESP and Exactpro



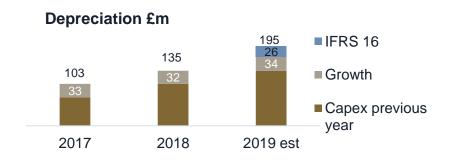
Expenses and Efficiency – looking ahead

Cost efficiencies

- Focus on control of Operating expenses across
 Group real estate, procurement, sourcing strategy
- Low margin businesses exited LSEDM equity derivatives, Exactpro, MillenniumIT ESP
- Headcount: drive integration, remove duplication, invest in low cost centres, reduction of contractors. Continue to invest in growth businesses globally. (c.£30m opex reductions net 250 people/c.5% of global headcount)

Looking Ahead

- Depreciation
 - Expected similar increase in 2019
 - IFRS 16 Leases 2019 impact adds further c.£26m

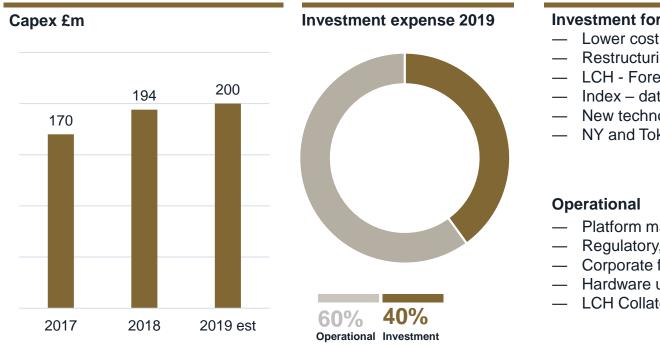


- Net interest expense
 - IFRS 16 Leases 2019 impact adds c.£4m
- Underlying effective tax rate (excluding one-offs): 2018: 21.9%;
 - expect ~22% for 2019 (assuming same mix of profits)

Investment



Investment expense 2019: c.£230m of which Capex c.£200m



Investment for growth and efficiency

- Lower cost service centres
- Restructuring, further integration
- LCH ForexClear
- Index data, analytics, multi-asset
- New technology Cloud
- NY and Tokyo property consolidation

- Platform maintenance and upgrades
- Regulatory, including Brexit
- **Corporate functions**
- Hardware upgrades, data centres
- LCH Collateral management upgrade



Progress on 2019 financial targets

Target	Progress
FTSE Russell Double-digit growth to continue 2017-2019	2018: up 15%, up 8% on organic and constant currency basis
	2019 Q1: up 7%, up 2% constant currency
LCH OTC revenue growth to continue at double-digit 2017-2019	2018: up 16%, up 17% on organic and constant currency basis2019 Q1: up 16%, up 14% constant currency
LCH Adjusted EBITDA margin growth - approaching 50% by 2019 (2016: 35.6%, 2017: 43.6%)	2018: 45.9%



Progress on 2019 financial targets

Target	Update
Operating expenses at 4% p.a.	 2018: +6% Prioritising continued investment in growth opportunities 4% target includes depreciation which is expected to grow further, so not achievable in 2019 if continue to invest Excluding depreciation, will achieve target in 2019
LSEG Adjusted EBITDA margin of c.55% by 2019 (2016: 46.5%, 2017: 46.8%)	 2018: 49.9% Margin improvement remains a focus; prioritisation of investment means target unlikely to be met in 2019



Key Q1 financial highlights

Good overall Q1 income performance against challenging market backdrop

- Group continues to develop and invest for growth, with the acquisition of minority stake in Euroclear and launch of new services in Post Trade and Information Services





Q1 Divisional highlights

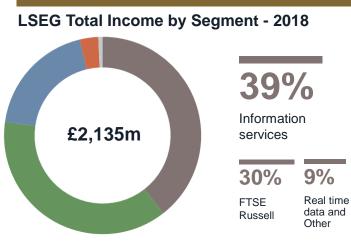
Information Services	Revenues up 6% (up 3% on a constant currency basis) With 7% growth at FTSE Russell. Growth in index subscriptions remained strong while FTSE Russell asset-based revenues reduced due to reduction in AuM at the end of 2018
Post Trade	LCH income up 17% (up 16% on a constant currency basis) With 16% revenue growth in OTC following record volumes at SwapClear CC&G and Monte Titoli gross profit up 3%
Capital Markets	Revenues down 9% (down 9% on a constant currency basis) Mostly reflecting lower equity trading volumes
Technology	Revenues up 9% (up 9% on a constant currency basis)



Opportunities and development



Information Services



Intellectual Property

Benchmarks, Analytics and Data Solutions

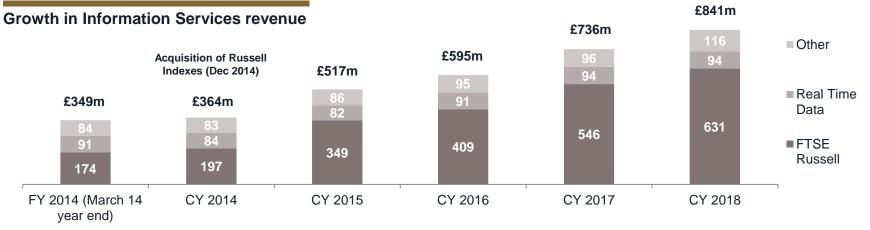
We provide customers with an extensive range of valuable and reliable information and data products that inform their investment and trading decisions.

CAGR of 29%

FTSE Russell revenue CAGR of 29% from FY2014-CY2018

Double-digit revenue growth 2017-2019 at FTSE Russell

FTSE Russell



The Yield Book

MERGENT

Real Time Data



Information Services

FTSE Russell	 Leading global multi-asset provider with ~ \$16tn assets benchmarked ETF AuM benchmarked \$669bn , including smart beta ETF \$210bn Authorised as EU-based Administrator under new European Benchmark Regulation	

Continued expansion of offering by product and location

Global expansion	 China A shares to be included in FTSE's global equity benchmarks from June 2019 Saudi Arabia promoted to Emerging Market status from March 2019
ETFs	 \$669bn ETF AuM benchmarked by over 70 issuers to FTSE Russell Indexes Positive global secular trends, active to passive
ESG	 FTSE Russell 1st Green Revenues report highlights opportunity represents \$4tn in market capitalisation Developing ESG benchmarks and data solutions responding to client demand in multiple regions
Smart beta / Factor	 Smart beta ETF AuM of \$210bn Factor, multi factor, ESG & risk based indexes across multiple asset classes
Fixed	 Yield Book performing well Acquired 100% ownership of FTSE TMX Global Debt Capital Markets Ltd
income	 China likely to be added to Watch List for possible inclusion in FTSE's global bond indexes including WGBI

~\$16tn

Leading global multi-asset provider with ~\$16tn assets benchmarked

\$669bn

ETF AuM benchmarked at the end of March 2019



Smart beta ETF AuM at the end of March 2019



Leading multi-asset class provider

Driving further growth and opportunities:

- Multi-asset class capabilities development of fixed income analytics and indices
- Increased data and analytics opportunities
- **Deepen customer partnership** approach with asset owners/managers
- **Emerging Markets** build on existing strengths in China, emerging markets
- **Passive investment strategies**, including **ETFs**
- **Smart beta** and factor-based analytics and indices

Build on competitive advantages to develop multi-asset and data and analytics opportunities

FTSE Russell High quality recurring revenue

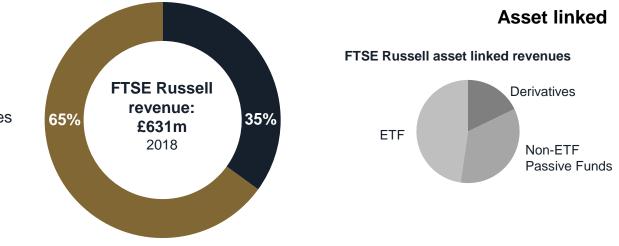




2018 Revenue Split¹

Subscription revenues

 Index data subscriptions, including licences, data services and analytics



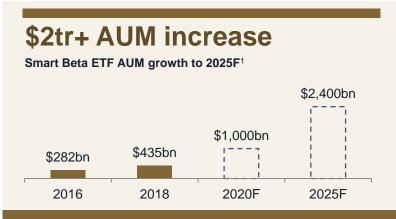
¹ Rounded %

Ability to commercialise trends

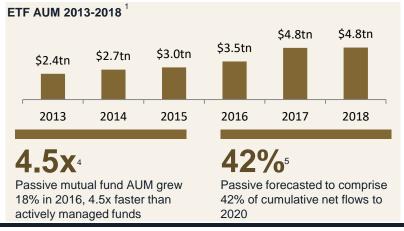


Index growth through deep client relationships

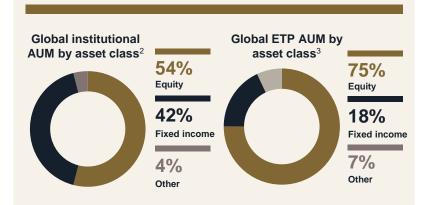
Smart Beta



Passive and ETF



Fixed Income and multi-asset



Emerging Markets including China



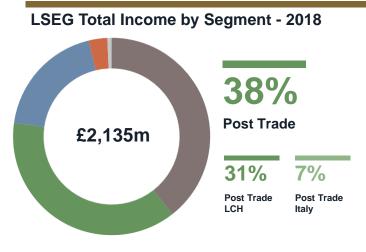
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Source: (1) BlackRock; (2) eVestment; (3) ETFGI; (4) Morningstar; (5) BCG, Doubling Down on Data; (6) Credit Suisse "Emerging Capital Markets: the road to 2030"; (7) SGX, December 2018 – Market Statistics

Post Trade





Risk & Balance Sheet Management

Clearing, Settlement and CSD services The Group offers a full range of post trade services, providing risk and balance sheet management solutions to a range of customers.

Double-digit revenue growth

2017-2019 at LCH OTC Clearing

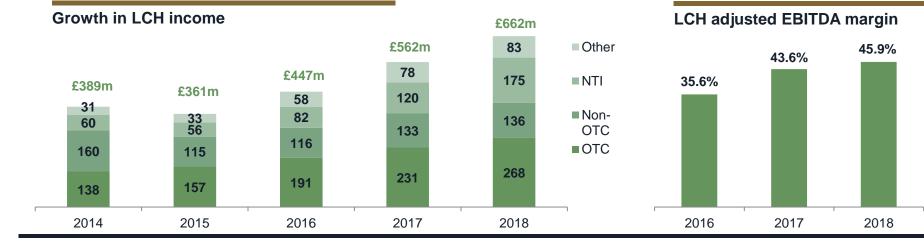
c.50% margin

LCH The Markets' Partner

Monte Titoli

CC&G

Adjusted EBITDA margin growth by 2019 at LCH



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Expanded Post Trade Opportunities

Customer partnership to drive innovation and further service development

Strong growth in OTC clearing and other post trade services, focused on:

- SwapClear leading global clearing service providing critical margin and capital efficiencies to member and clients
- ForexClear strong early stage growth, further build on established lead in NDFs and new options clearing, with additional product clearing
- **RepoClear** enhanced choice and efficiency with clearing offered through LCH SA
- Uncleared market develop services, including compression and efficiency tools,
 SwapAgent and benefits of AcadiaSoft investment

Euroclear - opportunities for stronger commercial collaboration and product development – based on common open access customer partnership approach



SwapClear

Continued global leadership in OTC rates clearing

SwapClear 2018:

- \$1,077tn record notional cleared (2017: \$874tn) up 23%
- 1.5m record number Client trades cleared (2017: 1.2m) up 21%
- \$773tn record total notional compressed (2017: \$609tn) up 27%
 - Saving customers c.\$39.5bn in capital
- \$309tn notional outstanding
- LCH SwapClear 26 currencies cleared; launched April 2018 first non-deliverable interest rate swaps denominated in Chinese Yuan, Korean Won and Indian Rupee, over \$5tn cleared
- Alternative reference rates clearing launched;
 - SOFR Secured Overnight Financing Rate for USD swaps
 - SONIA Sterling Overnight Index Average
 - SARON Swiss Average Rate Overnight

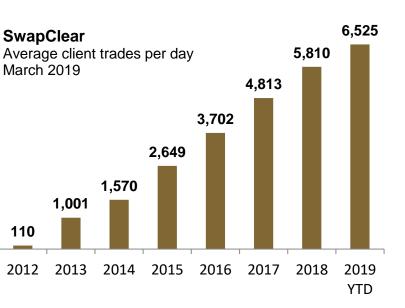
90%+

Share of clearing notional value (member and client) Growth in notional cleared in 2018 to over \$1 quadrillion

+23%

+21%

Growth in number of client trades cleared in 2018 to 1.5m



Regulatory tailwinds supporting growth in core business and new product areas

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SwapAgent

Driving efficiencies for non-cleared derivatives

SwapAgent simplifies the processing, margining, and settlement of non-cleared OTC rates and FX derivatives

 Extends SwapClear infrastructure to the bilateral market without novation to a central counterparty and default fund contributions, while following a similar operational process to cleared trades.

€4.5bn

Compressed in first run facilitated with TriOptima Dealers have signed up to SwapAgent

15

Products coverage (first trades)

- Interest rate swaps (Sep 2017)
- Inflation swaps
- Cross-currency basis swaps (Nov 2017)
- Swaptions (Nov 2018)
- FX derivatives

Category	Bilateral	SwapAgent
Standardised collateral documentation	X	✓
Standardised trade processing	X	\checkmark
Independent valuation agent	X	\checkmark
Dispute elimination	X	\checkmark
VM / coupon / interest netting	X	\checkmark
Standardised risk factor calculation	X	\checkmark
Standardised payment processing	X	\checkmark
Cross-currency and swaptions	\checkmark	\checkmark

Uncleared Service Comparison: LCH SwapAgent vs. Bilateral

AcadiaSoft

- LSEG acquired c.16% minority stake in June 2018
- Combining LCH's global reach and track record in risk management with AcadiaSoft's expertise in non-cleared market infrastructure
- Improves operational efficiency for customers of both SwapAgent and AcadiaSoft

I CH





ForexClear – The FX Opportunity

Economic incentives increasingly driving FX products into scope for central clearing

LCH well positioned to address capital and margin challenges within the vast \$5.1tr daily FX market

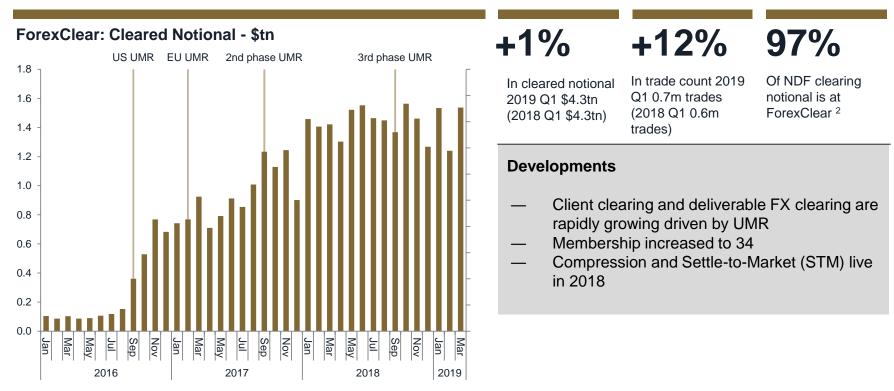
Instrument Category	Average Daily Turnover ⁽¹⁾	LCH offering	
NDFs	\$134bn	Live today	Current
Vanilla Options	\$151bn	Live today	ForexClear offering
NDOs	\$22bn	Aim to launch late 2019 / early 2020	
FX Swaps & Deliverable Forwards	\$2,944bn	Aim to launch in 2019	2019/2020 ForexClear focus
Spot	\$1,652bn	Some clears as FX Option hedges	
Currency Swaps	\$82bn	Shorter-dated Currency Swaps are likely to clear in time alongside FX swaps	2021+ likely
Exotics	\$81bn	Potential to clear some first generation exotics is growing as impediments fall away	ForexClear focus

(1) Source: BIS Triennial Central Bank Survey Global foreign exchange market turnover in 2016 (Dec 2016); (2) New products subject to regulatory approvals

ForexClear



Expanding beyond position as the leading NDF clearing platform



Uncleared Margin Rules phase-in began in the US, September 2016 and Europe, February 2017, further phases have been introduced each September since and will continue until 2020

² Source: ClarusFT January 2019

CDSClear



LCH continues to offer the broadest range of CDS products of any clearing house

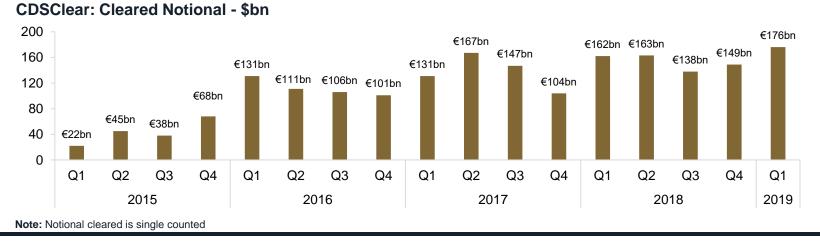
Highlights

- A record of €612 billion in notional cleared across its CDS index, single names and options offering in 2018
- 100 index series and 500 single name CDS contracts are eligible for clearing
- CDSClear introduced an electronic exercise platform for Credit Index Options in November 2018. 5 members have onboarded to the CIOs clearing service

+9%

In cleared notional 2019 Q1 \$176bn (2018 Q1 \$162bn) Members at the end of 2019 Q1

26





7%

Eurex

CC&G

99

RepoClear

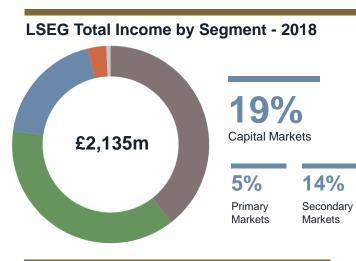
Continued European leadership in Repo clearing **Repo clearing - Europe** LCH SA offers clearing of all Euro-denominated debt repo ____ products, with full benefits of T2S settlement European government bond repo clearing – the majority has now consolidated in LCH SA BME RepoClear's Sponsored Clearing extends benefits of CCP membership to the buy-side LCH €26tn **20yrs** 90 Source BIS 2017 data Members of clearing liquidity, record notional delivering capital and cleared in 2019 Q1, 87 (2018 Q1: €24tn) up operational efficiencies through 10% 76 73 73 73 70 71 netting 68 **RepoClear** 54 54 53 nominal cleared - € trillions 46 ■LCH SA ■LCH Ltd 35 28 22 13 9 0 1 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018

Note: Notional cleared is single counted

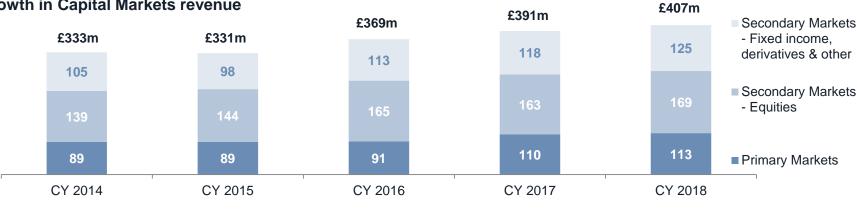
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Capital Markets



Growth in Capital Markets revenue



Capital Formation

Primary Markets (Capital Raising)

Our central function is to bring together companies seeking capital with investors from around the world.

Secondary Markets (Trading)

Our markets and systems provide all market participants with efficient, liquid and deep access to financial securities for the purpose of capital allocation and risk transfer.



Borsa Italiana

London Stock Exchange

CURVEGLOBAL



Capital Markets Highlights

Leading UK & Italy listing and trading businesses, LSE plc and Borsa Italiana

Fixed income markets

- MTS Repo €87.4tn traded up 13% in 2018
- MTS selected by Johannesburg Stock Exchange to power South Africa's first electronic government bond market
- Over 2,000 bonds listed in 2018 more than 50% were international issues, including green financing, Chinese RMB, Indian Rupee and Sukuk bonds

Turquoise Plato dark book - largest European dark pool in 2018

— Turquoise Plato Block Discovery Large in Scale value traded €93bn

Shanghai-London Stock Connect – ongoing preparations for launch

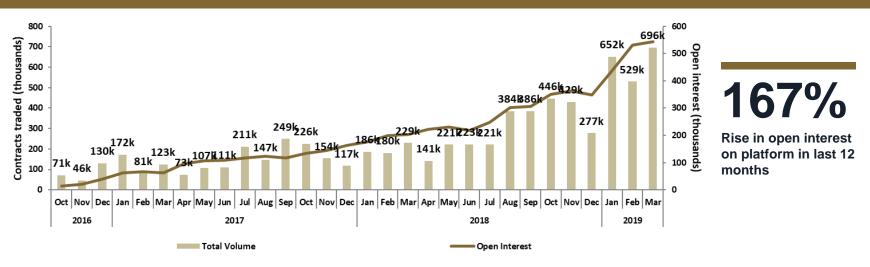
Capital formation core to Group business model delivering partnership and innovation across capital markets lifecycle

Partnership approach with customers drives product innovation e.g. Turquoise Plato, CurveGlobal

International growth opportunities continue to offset market headwinds



CurveGlobal



- **1.9m** lots traded in 2019 Q1, **up 215%** (2018 Q1: 0.6m)
- 3.3m lots traded in 2018, up 88% (2017: 1.8m)
- **167% rise** in open interest on platform in last 12 months to March 2019, to 545k lots (March 2018: 204k)
- SONIA® three month futures contract launched April 2018, over 800k lots traded to end March 2019
- LCH Spider II launched long term interest rate clearing 2018 Q4
- MiFID II Best execution Banks smart order routers being deployed across futures

Customer partnership model delivering choice, innovation and low cost service



Brexit - LSEG well positioned

LSEG committed to orderly function of markets, continuity of service to customers and supporting financial stability.

Global business, balanced portfolio	Global business, balanced portfolio of assets across listing, trading, index and clearing services in the UK, EU, United States and Asia	
Global clearing operations	Clearing houses operate globally across 59 jurisdictions with equivalence and enhanced cooperative regulation arrangements	
Diversified mix of revenues	Revenues earned in a variety of currencies – over 50% income non-GBP	
No discernible change in customer behaviour	Committed to supporting customers as they prepare contingency plans, but no discernible change in customers' current behaviour across listing, trading, index and clearing businesses	
Additional licence and regulatory preparations in hand	LCH Ltd recognised as a third country (TC) EMIR CCP to provide EU customers with continued access	
	LCH SA and CC&G allowed under the Bank of England Temporary Recognition Regime (TRR), to continue to offer clearing services and activities in the UK for up to 3 years under a Hard Brexit scenario,	
	UnaVista and TRADEcho received regulatory authorisation in The Netherlands; Turquoise application in advanced stages; Businesses prepared should a EU27 location be needed to serve EU customers in Hard Brexit scenario.	
	MTS has established two MTF markets in Italy to replace markets operated by EuroMTS from the UK	



Appendices



Notes - 2018

Adjusted operating profit, Adjusted EBITDA and Adjusted basic earnings per share - excludes amortisation of purchased intangible assets and non-underlying items, to enable comparison of the underlying earnings of the business with prior periods.

Adjusted earnings per share

Based on number of shares 347.0m (2017 : 345.0m), excludes ESOP

Exchange rates

	Average rate		Average rate	
	12 months ended	Closing rate at	12 months ended	Closing rate at
	31 December 2018	31 December 2018	31 December 2017	31 December 2017
GBP : EUR	1.13	1.11	1.14	1.12
GBP : USD	1.34	1.27	1.29	1.35

A €10c movement in the average £/€ rate for the twelve months would have changed the Group's continuing operating profit for the period before amortisation of purchased intangibles and non-underlying items by approximately £25 million.

A \$10c movement in the average £/\$ rate for the twelve months would have changed the Group's continuing operating profit for the period before amortisation of purchased intangibles and non-underlying items by approximately £29 million.

Full year dividend 60.4p per share, final dividend 43.2p ex-dividend date 2 May 2019, record date 3 May 2019 and payment date 29 May 2019

2018 versus 2017 Income and Cost of sales changes

- Capital Markets £13m reduction in revenues due to adoption of accounting standard IFRS 15 (see 2018 Notes To The Financial Statements)
- Post Trade LCH: £9m Cost of Sales netted off against Other income
- Post Trade CC&G and Monte Titoli: £10m Cost of Sales netted off against revenues
- Technology Services: Disposal of MillenniumIT ESP and Exactpro December 2017 £30m revenue



Overview of results - 2018

	Twelve	e months er	nded	Organic and
	31	December		constant currency
	2018	2017	Variance	variance
	£m	£m	%	%
Total income	2,135	1,955	9%	9%
Cost of sales	(227)	(215)	6%	16%
Gross profit	1,908	1,740	10%	8%
Operating expenses before depreciation, amortisation				
and impairment ¹	(834)	(816)	2%	2%
Underlying depreciation, amortisation and impairment ¹	(135)	(103)	31%	30%
Total operating expenses	(969)	(919)	5%	6%
Share of profit / (loss) after tax of associates	(8)	(9)	(14%)	(14%)
Adjusted operating profit ¹	931	812	15%	11%
Add back underlying depreciation, amortisation and				
impairment ¹	135	103	31%	30%
Adjusted earnings before interest, tax,	1,066	915	17%	13%
depreciation, amortisation and impairment ¹				
Amortisation of purchased intangibles and non-				
underlying items and profit on disposal	(180)	(186)	(3%)	(2%)
Operating profit	751	626	20%	14%
Net finance expense	(66)	(62)	6%	
Adjusted profit before tax ¹	865	750	15%	
Effective tax rate	21.6%	22.4%		
Basic earnings per share (p)	138.3	153.6	(10%)	
Adjusted earnings per share (p) ¹	173.8	148.7	17%	
Dividend per share (p)	60.4	51.6	17%	

All above figures are for continuing operations

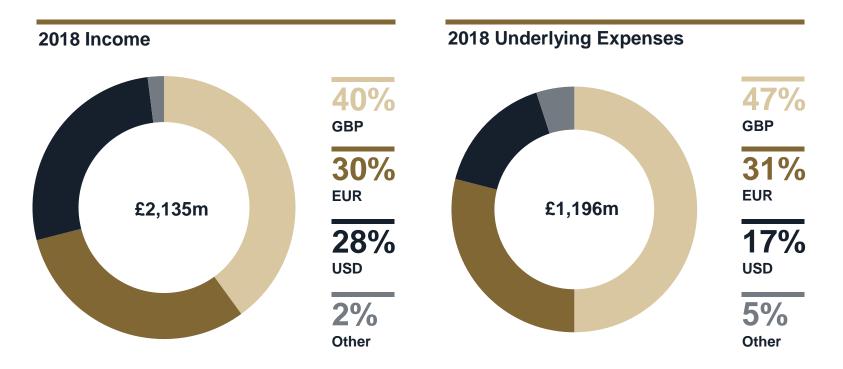
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¹ Excluding amortisation and impairment of intangible assets (£159m) and non-underlying items (£21m)



Diversified by currency

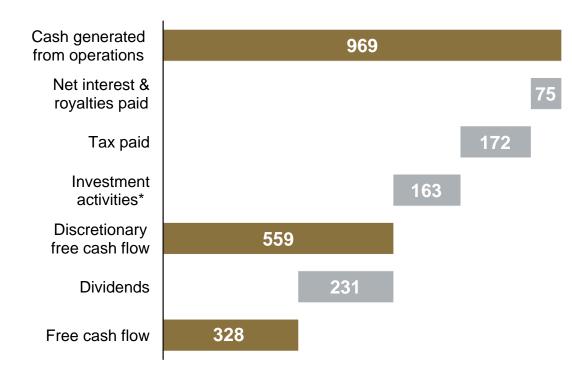
Diversification by both income and expenses across GBP, EUR and USD



Note: figures include continuing operations only, expenses include depreciation and cost of sales, but exclude non-underlying expenses



Summarised cash flow - 2018



£194m capex – mainly business and corporate technology upgrades, acquisition integration, regulatory changes and new projects

Discretionary free cash flow remains strong at **161.1p** per share¹ (2017: 139.7p)

Investment activities excludes 2018 acquisitions:

- LCH stake increased from 66% to 82.6%
- FTSE TMX Global Debt Capital Markets stake increased to 100%

January 2019

Euroclear 4.92% minority stake

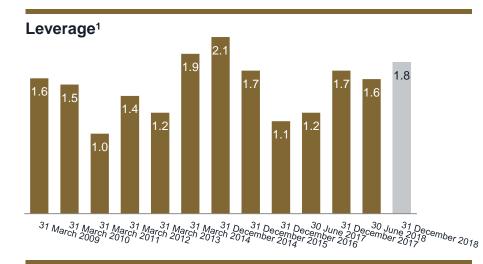
Note

¹ Based on weighted average shares in issue for the period of 2018: 347m, 2017 345m

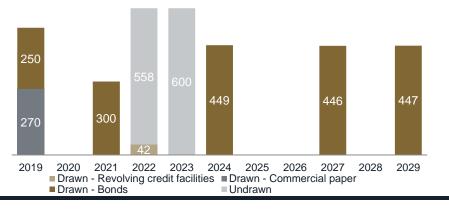
* Investment activities includes capital expenditure, investment in associates and proceeds from disposal of assets



Financial position



Debt maturity profile



31 December 2018

Operating net debt **£1.9bn** (30 June 2018: £1.6bn)

Net debt: adjusted EBITDA 1.8x (excluding £1.1bn restricted cash)

€500m 1.75% 2027 Bond issued December 2018

Committed undrawn credit lines out to 2023 of over £1,100m (including backstop to commercial paper issuance)

£250m 9.125% 2019 Bond due for repayment in October 2019

Ratings

LSEG: S&P long term **A-** with **positive** outlook and Moody's **A3** with **stable** outlook

LCH LTD & SA: S&P long term **A+** with **positive** outlook

¹ Pro forma as if acquisitions held for the complete year

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Capital management framework

Focus on enhancing shareholder returns

Prudent Balance Sheet management Maintain existing leverage target of 1.0-2.0x Net Debt / EBITDA	Flexibility to operate within this range for normal investment / development and to go above this range in the short term for compelling strategic opportunities Manage credit rating, debt profile, and regulatory requirements
Investment for growth Preserve flexibility to pursue growth both organically and through 'bolt-on'/strategic M&A	Selective inorganic investment opportunities - meeting high internal hurdles Continued organic investments
Ordinary dividend policy Progressive ordinary dividend policy	Progressive dividend - reflects confidence in strong future financial position Operating in target 2.5-3.0x dividend cover range Interim dividend payment of 1/3 of prior full year dividend results
Other capital returns	Continue to keep other returns under review



Key performance indicators

Information Services

	As at			
	31 Mar	31 March		
	2019	%		
ETF assets under management				
benchmarked (\$bn)				
FTSE	413	399	4%	
Russell Indexes	256	240	7%	
Total	669	639	5%	
Terminals				
UK	67,000	68,000	(1%)	
Borsa Italiana Professional Terminals	105,000	109,000	(4%)	

Post Trade Services - CC&G and Monte Titoli

	Three months 31 March	Variance	
-	2019	2018	variance %
CC&G Clearing	2019	2010	70
Contracts (m)	25.0	29.7	(16%)
Initial margin held (average €bn)	13.7	9.0	52%
Monte Titoli			
Settlement instructions (trades m) Custody assets under management	10.7	11.7	(9%)
(average €tn)	3.31	3.30	0%

Post Trade Services - LCH

	Three months 31 Marc	Variance	
	2019	2018	%
OTC derivatives			
SwapClear			
IRS notional cleared (\$tn)	318	291	9%
SwapClear members	119	105	13%
Client trades ('000)	411	407	1%
CDSClear			
Notional cleared (€bn)	176	162	9%
CDSClear members	26	13	100%
ForexClear			
Notional value cleared (\$bn)	4,311	4,286	1%
ForexClear members	34	30	13%
Non-OTC			
Fixed income - Nominal value (€tn)	26.2	23.9	10%
Listed derivatives (contracts m)	36.4	38.5	(5%)
Cash equities trades (m)	180.8	221	(18%)
Average cash collateral (€bn)	91.1	83.0	10%

Note: Minor rounding differences may mean quarterly and other segmental figures may differ slightly.



Key performance indicators

Capital Markets - Primary Markets

	Three months		
	31 March	Variance	
	2019	2018	%
New Issues			
UK Main Market, PSM & SFM	11	19	(42%)
UK AIM	5	12	(58%)
Borsa Italiana	7	6	17%
Total	23	37	(38%)
Money Raised (£bn)			
UK New	0.5	1.0	(50%)
UK Further	3.0	5.5	(45%)
Borsa Italiana new and further	0.0	1.5	(100%)
Total (£bn)	3.5	8.0	(56%)

Capital Markets - Secondary Markets

	Three months		
	31 Marc	ch	Variance
Equity	2019	2018	%
Totals for period			
UK value traded (£bn)	294	388	(24%)
Borsa Italiana (no of trades m)	15.6	19.2	(19%)
Turquoise value traded (€bn)	163	254	(36%)
SETS Yield (basis points)	0.68	0.61	11%
Average daily			
UK value traded (£bn)	4.7	6.2	(24%)
Borsa Italiana (no of trades '000)	248	305	(19%)
Turquoise value traded (€bn)	2.6	4.0	(35%)
Derivatives (contracts m)			
LSE Derivatives	0.8	1.8	(56%)
IDEM	8.3	9.2	(10%)
Total	9.1	11.0	(17%)
Fixed Income			
MTS cash and BondVision (€bn)	836	1,030	(19%)
MTS money markets (€bn term adjusted)	28,809	19,588	47%

Note: Minor rounding differences may mean quarterly and other segmental figures may differ slightly.



Income & gross profit

£ millions Q1 Q2 Q3 Q4 2018 Q1 Index - Subscription 89 96 94 94 973 99 Index - Asset based 52 53 59 55 219 52 FTSE Russell 141 149 153 149 592 151 Real time data 24 23 23 24 94 24 Other information 36 39 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwepClear, ForexClear & CDSClear 66 64 65 73 268 76 No OTC - Steed income, Cash equities & Listed derivatives 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Secondary Markets Equities 29 33 20 31 113 28 28		2018					2019
Index Image: Subscription B9 96 94 94 373 99 Index Asset based 52 53 59 55 219 52 FTSE Russell 141 149 153 149 592 151 Real time data 24 23 23 24 94 24 OTC - SwapClear, ForexClear & CDSClear 0 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other 19 21 20 9 41 14 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 14	fmillions		02	03	04	2018	
Index - Asset based 52 53 59 55 219 52 FTSE Russell 141 149 153 149 592 151 Real time data 24 23 23 24 94 24 Other information 36 39 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Secondary Markets Equities 29 33 20 31 113 28 Secondary Marke			42	45	4	2010	
Index - Asset based 52 53 59 55 219 52 FTSE Russell 141 149 153 149 592 151 Real time data 24 23 23 24 94 24 Other information 36 39 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Secondary Markets Equities 29 33 20 31 113 28 Secondary Marke	Index - Subscription	89	96	94	94	373	99
FTSE Russell 141 149 153 149 592 151 Real time data 24 23 23 24 94 24 Other information 36 39 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 14 149 33 20 31 113 28 24 25 25 102 25 Primary Markets Equities 29 33 20 31 113 28 32 32 32 32 32 32 32	•				55		
Other information 36 39 36 44 155 39 Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other 19 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Settlement, Custody & other 18 12 15 16 61 14 Post Trade Services - C&& and Monte Titoli 28 24 25 25 100 25 Primary Markets Secondary Markets 133 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 33 31 30 31 12							
Information Services 201 211 212 217 841 214 OTC - SwapClear, ForexClear & CDSClear Non OTC - Fixed income, Cash equities & Listed derivatives Other 66 64 65 73 268 76 Non OTC - Fixed income, Cash equities & Listed derivatives Other 33 34 34 34 35 136 34 Post Trade Services - LCH 118 119 21 21 22 83 24 Clearing Settlement, Custody & other 10 12 10 9 41 11 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Total Revenue Net treasury income through CCP: CC&G 10 11 11 11 43	Real time data	24	23	23	24	94	24
OTC - SwapClear, ForexClear & CDSClear 66 64 65 73 268 76 Non OTC - Fixed income, Cash equilities & Listed derivatives 33 34 34 35 136 34 Other 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Settlement, Custody & other 18 12 15 16 61 14 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 2	Other information	36	39	36	44	155	39
Non OTC - Fixed income, Cash equities & Listed derivatives 33 34 34 35 136 34 Other 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Settlement, Custody & other 18 12 15 16 61 14 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 3 2 2 9 2 Technology 13 19	Information Services	201	211	212	217	841	214
Other 19 21 21 22 83 24 Post Trade Services - LCH 118 119 120 130 487 134 Clearing 10 12 10 9 41 11 Settlement, Custody & other 10 12 10 9 41 11 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets 29 33 20 31 113 28 Secondary Markets - Equities 29 33 20 31 113 28 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 33 31 30 31 125 32 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Cold Rev	OTC - SwapClear, ForexClear & CDSClear	66	64	65	73	268	76
Post Trade Services - LCH 118 119 120 130 487 134 Clearing Settlement, Custody & other 10 12 10 9 41 11 Post Trade Services - CC&G and Monte Titoli 18 12 15 16 61 14 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities 29 33 20 31 113 28 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Cage Cage 10 11 11 14 43 11 Other 3 2 2 2 9 2 CC&G <td>Non OTC - Fixed income, Cash equities & Listed derivatives</td> <td>33</td> <td>34</td> <td>34</td> <td>35</td> <td>136</td> <td>34</td>	Non OTC - Fixed income, Cash equities & Listed derivatives	33	34	34	35	136	34
Clearing 10 12 10 9 41 11 Settlement, Custody & other 18 12 15 16 61 14 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets 29 33 20 31 113 28 Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Fixed income, derivatives & other 33 2 2 2 9 2 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Total Revenue 470 483 464 494 1,911 486 Net treasury income through CCP: 10 11 11 11	Other	19	21	21	22	83	24
Settlement, Custody & other 18 12 15 16 61 14 Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities Secondary Markets - Fixed income, derivatives & other 29 33 20 31 113 28 Capital Markets Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Tited income, derivatives & other 33 31 30 31 125 32 Technology 13 19 16 17 65 14 Other 3 2 2 9 2 Total Revenue 470 483 464 494 1,911 486 Net treasury income through CCP: 10 11 11 14 31 11 CC&G 10 11 11	Post Trade Services - LCH	118	119	120	130	487	134
Post Trade Services - CC&G and Monte Titoli 28 24 25 25 102 25 Primary Markets Secondary Markets - Equities Secondary Markets - Equities 29 33 20 31 113 28 Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 9 2 Total Revenue 470 483 464 494 1,911 486 Net treasury income through CCP: CC&G 10 11 11 14 3 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1 <td>Clearing</td> <td>10</td> <td>12</td> <td>10</td> <td>9</td> <td>41</td> <td>11</td>	Clearing	10	12	10	9	41	11
Primary Markets 29 33 20 31 113 28 Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Technology 13 19 16 17 65 14 Other 3 2 2 9 2 Total Revenue 470 483 464 494 1,911 486 Net treasury income through CCP: 10 11 11 11 43 11 LCH 38 45 46 466 175 48 Other income 2 1 1 2 6 1	Settlement, Custody & other	18	12	15	16	61	14
Secondary Markets - Equities 45 44 39 41 169 37 Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Total Revenue 470 483 464 494 1,911 486 Net treasury income through CCP: 10 11 11 11 43 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Post Trade Services - CC&G and Monte Titoli	28	24	25	25	102	25
Secondary Markets - Fixed income, derivatives & other 33 31 30 31 125 32 Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 9 2 Total Revenue Net treasury income through CCP: CC&G LCH 10 11 11 14 43 11 Other 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Primary Markets	29	33	20	31	113	28
Capital Markets 107 108 89 103 407 97 Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Total Revenue Net treasury income through CCP: 470 483 464 494 1,911 486 CC&G LCH 10 11 11 11 43 11 CCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1		45	44	39	41	169	37
Technology 13 19 16 17 65 14 Other 3 2 2 2 9 2 Total Revenue Net treasury income through CCP: CC&G 470 483 464 494 1,911 486 CC&G LCH 10 11 11 11 43 11 Other income 2 1 1 2 6 1	Secondary Markets - Fixed income, derivatives & other	33	31	30	31	125	32
Other 3 2 2 9 2 Total Revenue Net treasury income through CCP: 470 483 464 494 1,911 486 CC&G 10 11 11 11 43 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Capital Markets	107	108	89	103	407	97
Total Revenue Net treasury income through CCP: 470 483 464 494 1,911 486 CC&G 10 11 11 11 43 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Technology	13	19	16	17	65	14
Net treasury income through CCP: 10 11 11 11 43 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Other	3	2	2	2	9	2
Net treasury income through CCP: 10 11 11 11 43 11 LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Total Revenue	470	483	464	494	1,911	486
LCH 38 45 46 46 175 48 Other income 2 1 1 2 6 1	Net treasury income through CCP:						
Other income 2 1 1 2 6 1	CC&G	10	11	11	11	43	11
	LCH	38	45	46	46	175	48
Total income 520 540 522 553 2,135 546	Other income	2	1	1	2	6	1
	Total income	520	540	522	553	2,135	546
Cost of sales (56) (50) (57) (64) (227) (56)	Cost of sales	(56)	(50)	(57)	(64)	(227)	(56)
Gross profit 464 490 465 489 1,908 490				· /			<u> </u>

London Stock Exchange Group

See Notes page for 2018 vs 2017 Income and Cost of sales changes

Note: Minor rounding differences may mean quarterly and other segmental figures may differ slightly.



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