

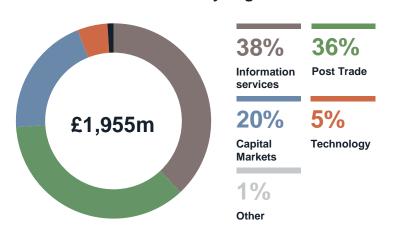
# London Stock Exchange Group

Investor Relations Presentation December 2018



## Introduction to LSEG

#### **LSEG 2017 Total Income by segment**



#### **Double-digit growth**

**FTSE** Russell

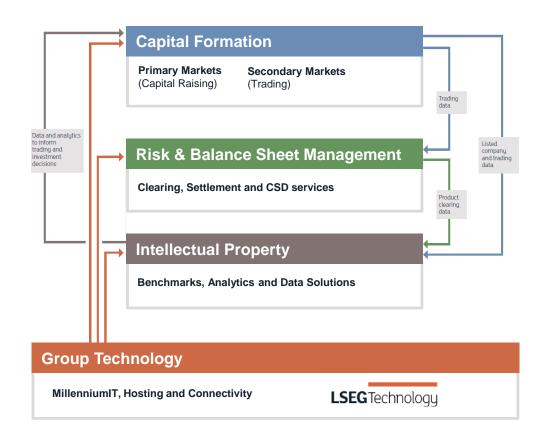
33%

FTSE Russell revenue up 33% (up 15% at organic constant currency) LCH

21%

LCH OTC clearing revenue up 21% (up 17% at organic constant currency)

#### **LSEG Business model**





# Our competitive advantages

# Our business model incorporates 2 key approaches that differentiate us from competitors in the global financial markets infrastructure industry

#### **Open Access**

Open Access is the principle which lies at the heart of free and fair markets, and is enshrined in MiFID II

- We believe customers should have the choice of where they place their business
- We provide access to all of our markets and products for a wide range of users, including those that offer competing services to parts of the Group

#### **Customer Partnership**

- We believe that aligning our strategy, services and products to the needs and interests of our customers is central to supporting long-term value creation, enabling innovation in products which can be rapidly adopted
- In some businesses, we are joint owners with our customers which helps ensure continued relevance and uptake of the business within the operating landscape, and targeted development goals

#### **Examples**

**LCH** provides clearing services to a number of non-Group owned equities, derivatives and fixed income trading venues.

**FTSE Russell** licences its indexes to other exchange operators, enabling them to list and trade derivatives products based on our indexes.

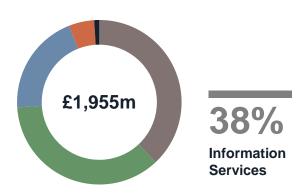
Several of our operating companies such as **LCH**, **Turquoise**, **CurveGlobal** and **MTS** are owned and governed in partnership with our customers who have varying minority shareholder interests in each.

These customers play an active role in shaping the services offered by these businesses for the benefit of all users.



## **Information Services**

#### LSEG Total Income by Segment - 2017



#### **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 32%

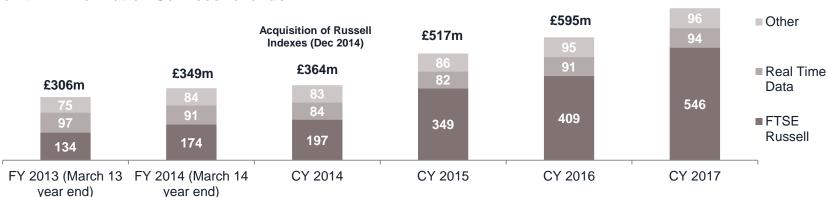
FTSE Russell revenue CAGR of 32% from FY2013-CY2017

# Double-digit revenue growth

to continue 2017-2019 at FTSE Russell

£736m

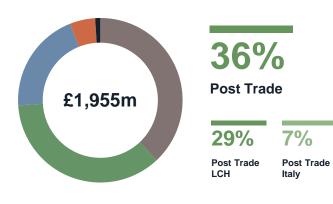






## **Post Trade**

#### LSEG Total Income by Segment - 2017



#### **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.



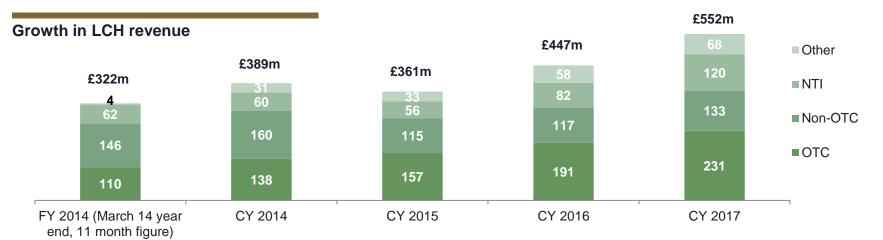
**Monte Titoli** 

# Double-digit revenue growth

to continue 2017-2019 at LCH OTC Clearing

## c.50% margin

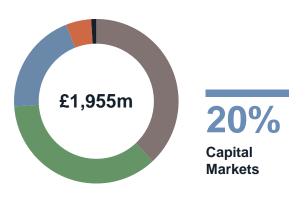
Adjusted EBITDA margin growth by 2019 at LCH





# **Capital Markets**

#### LSEG Total Income by Segment - 2017



#### **Capital Formation**

#### **Primary Markets (Capital Raising)**

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





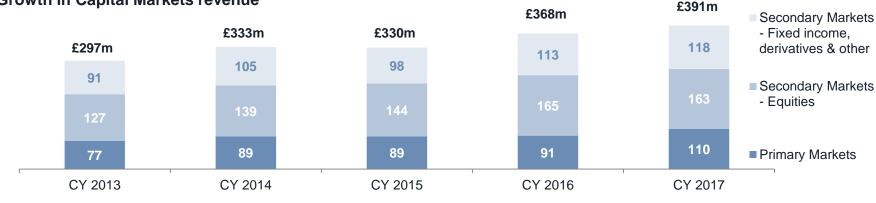
#### **Secondary Markets (Trading)**

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.



**CURYE**GLOBAL







# Recurring / Non-recurring revenues

#### 2017 Total Income



38% 36%

Information Post Trade services

5%

20%

Capital Technology Markets

1%

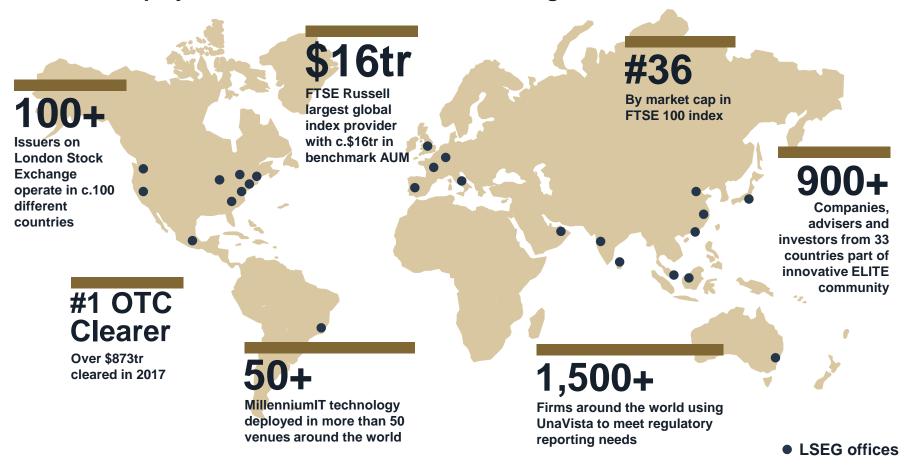
Other

#### **Recurring revenues** Non-recurring revenues **Capital Markets Annual Fees** Admission fees Primary Markets Secondary Markets - Equities Market volatility Secondary Markets - Fixed income, derivatives and other Market volatility Post Trade: LCH **OTC Clearing** Membership fees Client clearing activity Non-OTC Clearing Clearing activity Other Market activity Post Trade: CC&G and Monte Titoli Clearing activity Clearing Custody Settlement, Custody & other Settlement activity Information Services FTSE Russell Indexes Subscription and licencing fees Asset-linked Real time data Terminal licences / Non-display UnaVista and SEDOL subscriptions Other information **Technology Technology Services** Exchange platform fees Other Net treasury income through CCP Cash margin



# Global company, global strategy

c.5,000 employees based in 18 countries, delivering services worldwide





# 2018 H1 financial performance

Revenue

up 12%▲

£953m

(2017 H1: £853m)

**Adjusted EBITDA** 

up 23%▲

£544m

(2017 H1: £444m)

**Total income** 

up 12% ▲

£1,060m

(2017 H1: £946m)

**AEPS** 

up 25%▲

88.7p

(2017 H1: 71.2p)

**Operating expenses** 

up 5% ▲



on organic and constant currency basis, while investing for growth

Interim dividend

up 19%▲

17.2p per share

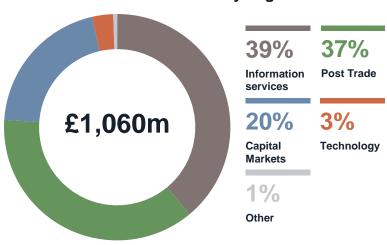
(2017 H1: 14.4p)

Note: All above figures for continuing operations only



## Income by segment

#### LSEG 2018 H1 Total Income by segment



<b>Double-digit growth</b>	Doub	ble-dig	git gr	owth
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**FTSE Russell** 

19%

FTSE Russell revenue up 19% (up 9% at organic constant currency) LCH

16%

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

				Organic and
	Six months en	nded		constant
	30 June			currency
_	2018	2017	Variance	variance <sup>1</sup>
Continuing operations:	£m	£m	%	%
Revenue				
Information Services	412	355	16%	9%
Post Trade Services - LCH	237	207	14%	14%
Post Trade Services - CC&G and Monte Titoli	52	55	(6%)	(8%)
Capital Markets	215	190	13%	12%
Technology Services	32	41	(22%)	18%
Other	5	5	-	-
Total revenue	953	853	12%	11%
Net treasury income through CCP businesses	104	75	38%	39%
Other income	3	18	-	-
Total income	1,060	946	12%	11%

#### H1 2018 versus H1 2017

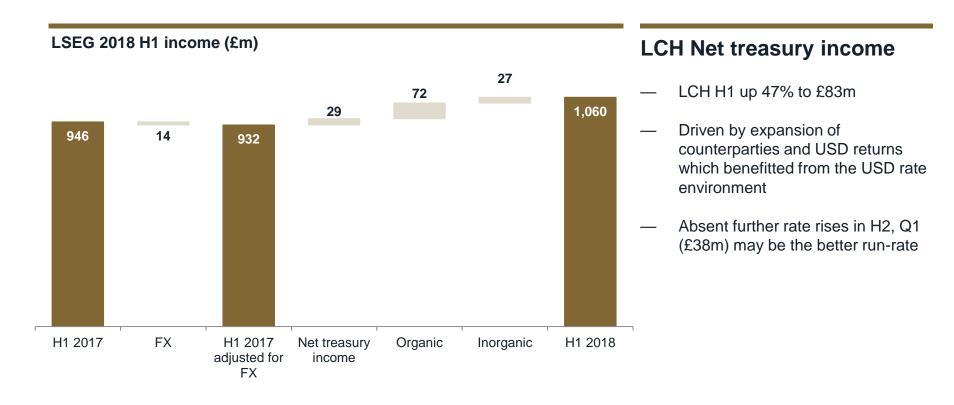
- Post Trade LCH: £5m Cost of Sales netted off against Other income
- Post Trade CC&G and Monte Titoli: £5m Cost of Sales netted off against revenues
- Technology Services: Disposal of MillenniumIT ESP and Exactpro December 2017 £14m revenue

<sup>&</sup>lt;sup>1</sup> Organic growth is calculated in respect of businesses owned for at least 6 months in either period and so excludes ISPS, The Yield Book, MillenniumIT ESP and Exactpro



## Income growth

#### Strong growth from investment in new products and acquisitions

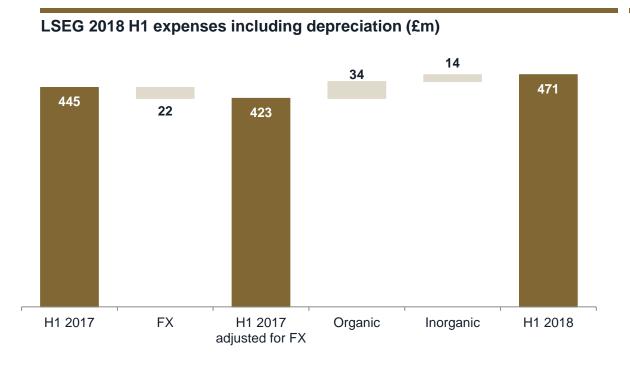


Note: Figures include continuing operations only, Inorganic includes income for businesses held for less than 6 months in either period: ISPS, The Yield Book, MillenniumIT ESP and Exactpro



## **Operating expenses**

#### Underlying expenses up 5% (before depreciation and amortisation, on an organic and constant currency basis)



Operating expenses before depreciation and amortisation £407m (2017 H1: £399m)

Depreciation £64m (2017 H1: £46m)

Due to phasing of spend during the year 2018 H2 operating expenses including depreciation expected to be higher by c.£25-30m

2018 H1 underlying effective tax rate (excluding one-offs): **23.0%**; expect similar for H2

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 6 months in either period: ISPS, The Yield Book, MillenniumIT ESP and Exactpro



## Progress on 2019 financial targets

#### **Target**

#### **FTSE Russell**

Double-digit growth to continue 2017-2019

#### LCH

OTC revenue growth to continue at double-digit 2017-2019

#### **LCH**

Adjusted EBITDA margin growth - approaching 50% by 2019 (2016: 35.6%, 2017: 43.6%)

#### **LSEG**

Adjusted EBITDA margin of c.55% by 2019 (2016: 46.5%, 2017: 46.8%)

#### **Progress**

**H1 2018:** up 19%, up 9% on organic and constant currency basis

H1 2018: up 16%, up 17% on organic and constant currency basis

H1 2018: 47.5%

H1 2018: 51.3%

Operating expenses held at c.4% p.a. 2017-2019 & next phase cost saves of £50m p.a. by exit 2019 – On-track



## **Investment for growth - 2018 H1**

£108m

Investment spend – including £90m capital expenditure

c75%

investing for growth and efficiencies

C25% Inv

Investing in operations

#### **Expansion of customer offering:**

- FTSE Russell Global Fixed Income, Smart Beta & ESG product enhancements
- LCH SwapClear, ForexClear and CDSClear growth, AcadiaSoft investment and future collaboration with LCH SwapAgent

#### Infrastructure maintenance and upgrades:

- Regulatory including MiFID II and Brexit contingency planning
- Property
- Compliance

#### **Investing to drive Group efficiencies:**

## **Business Services Limited (BSL) - Shared Services Company** 2018

- Offshore / Nearshore business centres technology, data services and corporate functions
- Expanding BSL to Bucharest, Romania
- Developing existing and acquired centres: Sri Lanka, Malaysia,
   Taiwan & US (South Carolina & Buffalo)
- Recruitment & training (temporary dual running costs)

#### 2019

— Business centres transfer of operations



# **Capital management framework**

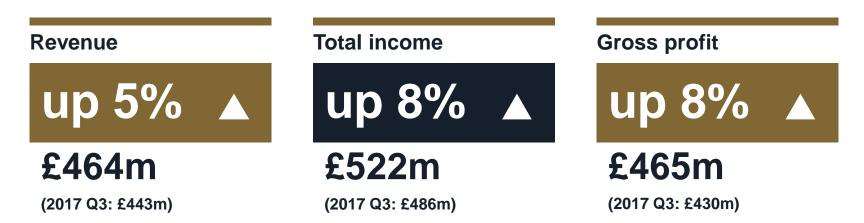
Maintain existing leverage target of 1.0-2.0x Net Debt / EBITDA	Flexibility to operate within this range for normal investment / development and to go above this range in the short term for compelling strategic opportunities  Manage credit rating, debt profile, and regulatory requirements
Investment 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	Progressive dividend - reflects confidence in strong future financial position
policy	Operating in target 2.5-3.0x dividend cover range Interim dividend payment of 1/3 of prior full year dividend results



# Key Q3 financial highlights

#### **Good Q3 performance**

- Growth across the Group including strong performances from LCH OTC clearing and FTSE Russell
- Q3 total income up 8% year-on-year to £522 million (up 7% on an organic and constant currency basis)
- LSEG acquiring up to a further 15.1% stake in LCH Group





# 2018 Q3 financial performance

Information Services

Revenues up 17% (up 9% on an organic and constant currency basis)

With reported double-digit growth at FTSE Russell

**Post Trade** 

LCH income up 15% (up 15% at constant currency basis)

With 12% revenue growth in OTC clearing with strong volumes at SwapClear and ForexClear

CC&G and Monte Titoli gross profit up 3% (up 4% at constant currency)1

**Capital Markets** 

Like-for-like revenues up 2% (up 2% at constant currency basis)

Adjusting for IFRS 15, Capital Markets reported revenues are 8% lower than the comparative Q3 unadjusted period in the prior year

**Technology** 

Revenues up 15% on an organic and constant currency basis

(down 32% reflecting disposal of the MillenniumIT ESP and Exactpro businesses)

<sup>1</sup> Pass through of T2S costs, Cost of sales have now been netted off against Settlement, Custody & other, 2018 Q3 impact £2m, 9 months impact £7m



## IFRS 15 – Capital Markets

- LSEG has received clarification guidance regarding the impact of adopting IFRS 15 on admission and listing services
- The adoption has reduced Q3 2018 Primary Markets revenues by £9m
- The net £9 million revenue reduction taken in Q3 reflects the impact for the 9 months year-to-date, with no prior year restatement required
- All new and further listing fees will continue to be billed and cash collected at the point when the service is first provided
- For information purposes only, the P&L impact of IFRS 15 for the year ended 31 December 2017 is stated below alongside 2018 quarterly impact:

£9m

9 months year-to-date impact, taken in Q3 for Primary Markets revenue

+2%

Like-for-like, Capital Markets revenues in Q3 would have been 2% higher than Q3 2017

Primary Markets	<u>2017</u>	<u>2017</u>							Nine months ended 30 September		
	Q1	Q2	Q3	Q4	<u>2017</u>	Q1	Q2	Q3	<u>2018</u>		
	£m	£m	£m	£m	£m	£m	£m	£m	£m		
Revenue (as previously reported)	21	26	30	33	110	29	33	30	92		
IFRS 15 deferral adjustment	1	(3)	(5)	(6)	(13)	(3)	(5)	(1)	(9)		
Revenue – revised for IFRS 15	22	23	25	27	97	26	28	29	83		



# Opportunities and development



## Strategy delivering strong results

#### **Strong financial results:**

- Strong financial performance across the Group with double-digit revenue growth at FTSE Russell and LCH OTC
- Strong balance sheet position with leverage at 1.6x at H1
- Remain focused on achieving 2019 financial targets

#### Continued execution of strategy:

- Driving strong operational and financial performance
- Deployment of capital for strategic acquisitions LCH stake to increase to over 80%, 100% of FTSE TMX Global Debt Capital Markets Ltd, AcadiaSoft minority stake
- Organic investment to capitalise on multiple growth opportunities

#### Well positioned to benefit from global growth trends:

- Increasingly diversified global financial markets infrastructure business
- Capitalising on continuing global growth trends across asset management, OTC clearing, post trade risk management and evolving regulatory landscape
- Essential partner to clients around the world
- Open Access approach based on partnership with customers



## **Information Services**



- Leading global multi-asset provider with ~\$16tn assets benchmarked
- ETF AuM benchmarked up 16% to \$663bn, including smart beta
   ETF up 17% to \$204bn
- Authorised as EU-based Administrator under new European Benchmark Regulation

#### Continued expansion of offering by product and location

Global expansion	<ul> <li>— c\$27bn AuM benchmarked to FTSE China Indexes</li> <li>— Saudi Arabia promoted to Emerging Market status from March 2019</li> </ul>
ETFs	<ul> <li>c\$663bn ETF AuM benchmarked by over 70 issuers to FTSE Russell Indexes</li> <li>Positive global secular trends, active to passive</li> </ul>
ESG	<ul> <li>FTSE Russell 1st Green Revenues report highlights that opportunity now represents \$4tn in market capitalisation</li> <li>Developing ESG benchmarks and data solutions responding to client demand in multiple regions</li> </ul>
_	— Smart beta ETF AuM of \$204bn
Factor	<ul> <li>Factor, multi factor, ESG &amp; risk based indexes across multiple asset classes</li> </ul>
Unique content & IP	Data, Analytics and IP that supports the investment process

~\$16tn

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

\$663bn

ETF AuM benchmarked up 16% to \$663bn

\$204bn

Smart beta ETF AuM up 17% to \$204bn

## Successful track-record



## of value creation through acquisitions

2011

2014

2016

2017

**FTSE** 

#### Russell Indexes

**MERGENT** 

The Yield Book

3 year synergy targets achieved 3 year synergy target delivered ahead of schedule

Leading provider of proprietary fixed income and global equity data

Accelerates data and analytics offering, builds US and Asia presence and fixed income client base globally

3 year synergy target:

£18m

£18m



Low cost data collection model

(\$30m) Revenue

\$30m

\$18m

Revenue

Mergent data to drive index adoption and new product development

Revenue

£10m

Cost

£46m (\$78m)

Cost



Cost

Post completion of Citi Fixed Income Indices and The Yield Book

Source: FTSE, Frank Russell Company, Mergent & The Yield Book and Citi Fixed Income Indices acquisition announcements.

## Diverse revenue mix

## Market tailwinds



# Benchmarks Analytics Data Solutions The Yield Book by FTSE Russell FTSE Russell Fixed Income Indexes¹ Multi-asset Real time pricing data UnaVista

#### Underlying trends driving double-digit growth

Increasing sophistication of investors expanding range of benchmarks required

Exposure to emerging markets, including China

#### Switch to passive

- Smart Beta
- Factor-based investment
- ETF growth

<sup>1</sup>Formerly Citi Fixed Income Indices

Multi-asset and global investment strategies

Demand for value added analytics

Cloud computing, Artificial Intelligence and data integration innovations

Client demand for efficient, outsourced solutions

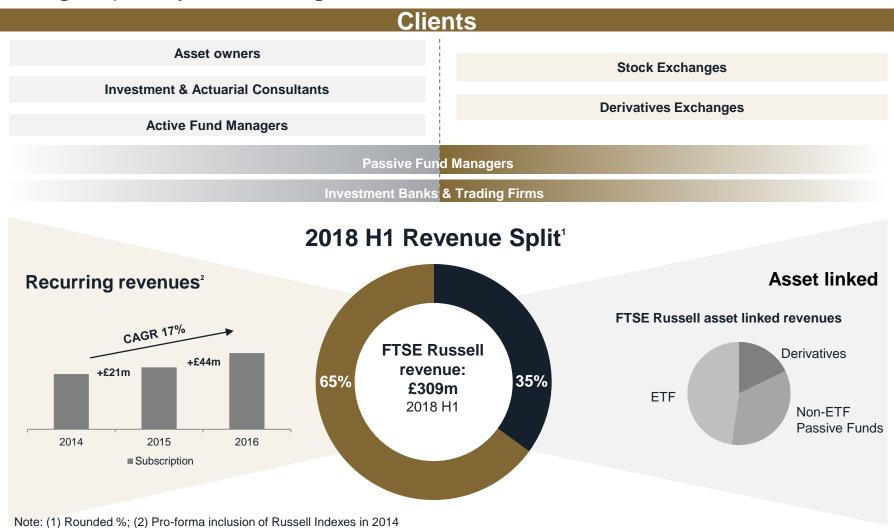
Increasing regulation

- MiFID II, SFTR and CAT

## **FTSE Russell**



## High quality recurring revenue

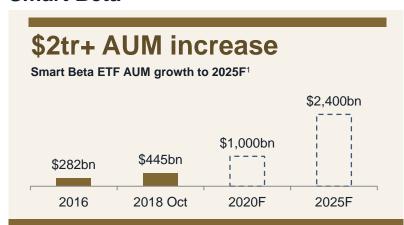


## **Ability to commercialise trends**

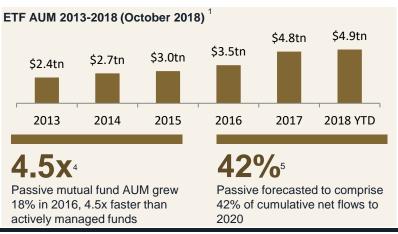


## Index growth through deep client relationships

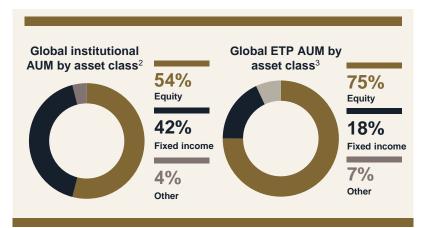
#### **Smart Beta**



#### **Passive and ETF**



#### **Fixed Income and multi-asset**



#### **Emerging Markets including China**





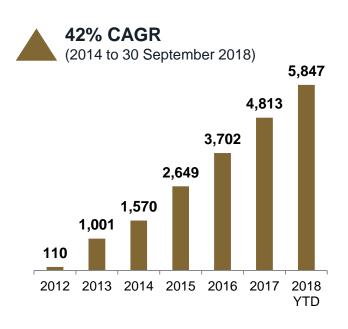
## **SwapClear**

#### Continued global leadership in OTC rates clearing

#### SwapClear KPIs 2018 Q3 9 months:

- \$812tn record notional cleared (2017 Q3 9m: \$666tn) up 22%
- 1,117k record number Client trades cleared (2017 Q3 9m: 923k) up 21%
- \$558tn record total notional compressed (2017 Q3 9m: \$448tn) up 25%
- 90%+ share of clearing notional value (client and member)
- Obtained recognition as a central counterparty from the Banco de Mexico allowing clearing by Mexican-domiciled market participants
- LCH SwapClear 21 currencies cleared, launched 30 April first non-deliverable interest rate swaps denominated in Chinese Yuan, Korean Won and Indian Rupee, over \$2tn cleared
- SOFR Secured Overnight Financing Rate clearing launched

#### **Average Daily Client Trades**



Regulatory tailwinds supporting growth in core business and new product areas



## 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 <sup>(1)</sup>	LCH offering	
NDFs	\$134bn	Live today	Current ForexClear
Vanilla Options	\$151bn	Launched Q3 2018	focus
NDOs	\$22bn	Likely to follow vanilla options	
FX Swaps & Deliverable Forwards	\$2,944bn	Some will clear alongside vanilla options	2019/2020 ForexClear
Spot	\$1,652bn	Some will clear as NDFs as a product substitute	focus
Currency Swaps	\$82bn	Less obvious to clear as most risk excluded from bilateral margin requirements	
Exotics	\$81bn	Challenging to clear due to limited liquidity under stress	Not a ForexClear focus

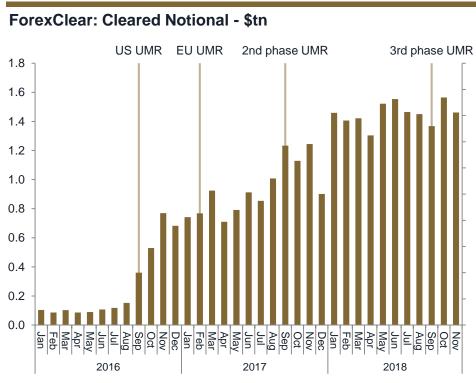
<sup>(1)</sup> Source: BIS Triennial Central Bank Survey Global foreign exchange market turnover in 2016 (Dec 2016)

## **ForexClear**

# London Stock Exchange Group

## Compelling platform for growth

A step-change in volumes following the introduction of Uncleared Margin Rules<sup>1</sup>, with scope for significant further growth



<sup>&</sup>lt;sup>1</sup> Uncleared Margin Rules phase-in began in the US, September 2016 and Europe, Feburary 2016 Further phases have been introduced each September since and will continue until 2020

+63%

In cleared notional 2018 Q3 9m \$12.9tn (2017 Q3 9m \$7.9tn) +79%

In trade count 2018 Q3 9m 1.9m trades (2017 Q3 9m 1.1m trades) 97%

Of NDF clearing notional is at ForexClear<sup>2</sup>

#### **Developments**

- G10 FX NDFs launched in Q4 2017
- Deliverable products including FX Options launched July 2018
- Membership increased to 32 (2017 Q3: 28)
- Compression services began Q4 2018
- Client clearing to expand

<sup>&</sup>lt;sup>2</sup> Source: ClarusFT March 2018



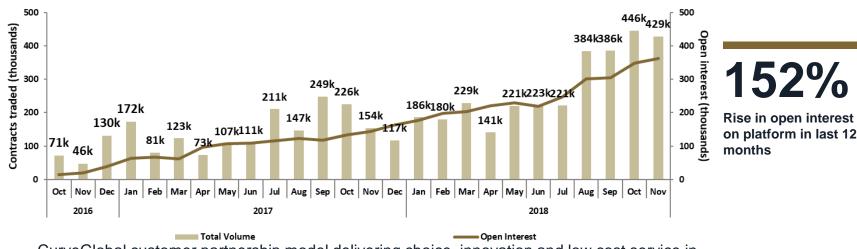
## **Brexit - LSEG well positioned**

# 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 and settlement 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	LSEG diversified mix by product, 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 <b>no</b> discernible change in current customer behaviour across listing, trading, index and clearing businesses
Additional licence and regulatory preparations in hand	Select LSEG businesses (Turquoise, UnaVista, TRADEcho) have applied for additional licences in The Netherlands, should a EU27 location be needed to serve EU customers in Hard Brexit scenario
	LCH Ltd to apply for recognition as a third country (TC) EMIR recognised CCP (32 CCPs already TC recognised) to provide EU customers with continued access, should this be required;
	LCH SA and CC&G to apply for licences from BoE to provide services in UK.



## **CurveGlobal**



- CurveGlobal customer partnership model delivering choice, innovation and low cost service in response to customer demand
- Over 152% rise in open interest on platform in last 12 months, to circa 360k lots
- CurveGlobal completed £20m second round funding with banks, Cboe & LSEG
- SONIA® three month futures contract launched April 2018, over 300k lots traded, circa 70% share of volume traded
- LCH Spider II launched long term interest rate 19<sup>th</sup> November 2018
- MiFID II Best execution Banks smart order routers being deployed across futures



# Appendices



## **Notes**

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 346.0m (2017: 347.0m), excludes ESOP

#### Exchange rates

	Average rate 6 months ended 30 June 2018	Closing rate at 30 June 2018	Average rate 6 months ended 30 June 2017	Closing rate at 30 June 2017
GBP : EUR	1.14	1.13	1.16	1.14
GBP: USD	1.38	1.32	1.26	1.30

A €10c movement in the average £/€ rate for the six months would have changed the Group's continuing operating profit for the period before amortisation of purchased intangibles and non-underlying items by approximately £14 million.

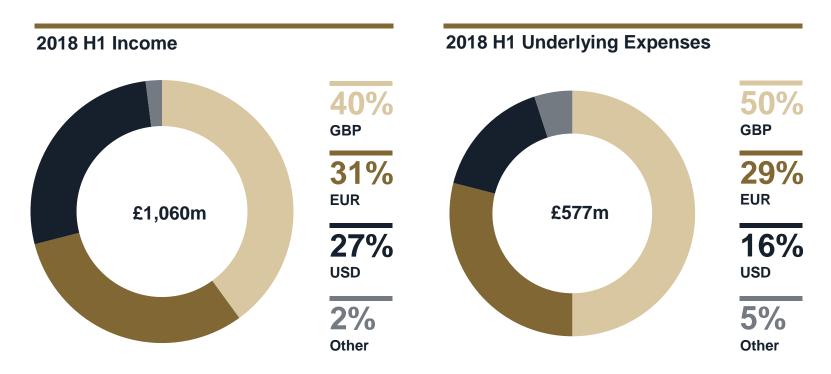
A \$10c movement in the average £/\$ rate for the six months would have changed the Group's continuing operating profit for the period before amortisation of purchased intangibles and non-underlying items by approximately £14 million.

Interim dividend of 17.2p per share, ex-dividend date 23 August 2018, record date 24 August 2018 and payment date 18 September 2018



## **Diversified by currency**

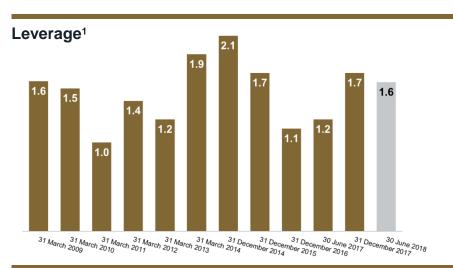
#### Diversification by both income and expenses across GBP, EUR and USD

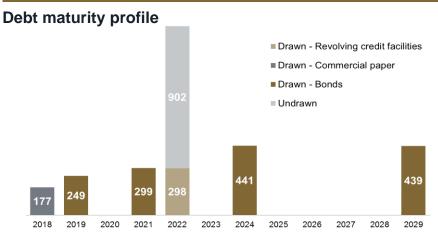


Note: figures include continuing operations only, expenses include depreciation and cost of sales, but exclude non-underlying expenses



## **Financial position**





#### 30 June 2018

Operating net debt £1,627m (31 December 2017: £1,639m)

Net debt: Pro forma<sup>1</sup> adjusted EBITDA 1.6x (excluding £1,005m restricted cash)

Commercial Paper (CP) Programme commenced with €200m (£177m) of issuance as at 30 June 2018

Committed undrawn credit lines out to 2022 of over £900m including £177m set aside to backstop CP issuance

#### **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

<sup>&</sup>lt;sup>1</sup> Pro forma as if acquisitions held for the complete year



# **Key performance indicators**

Information Services				Post Trade Services - LCH			
	As a	it			Three months	s ended	
	30 Septe	mber	Variance		30 Septer	nber	Variance
	2018	2017	%		2018	2017	%
ETF assets under management							
benchmarked (\$bn)				OTC derivatives			
FTSE	396	345	15%	SwapClear			
Russell Indexes	267	227	18%	IRS notional cleared (\$tn)	236	197	20%
Total	663	572	16%	SwapClear members	110	105	5%
				Client trades ('000)	332	313	6%
Terminals				CDSClear			
UK	68,000	69,000	(1%)	Notional cleared (€bn)	139	147	(5%)
Borsa Italiana Professional Terminals	107,000	116,000	(8%)	CDSClear members	15	13	15%
				ForexClear			
Post Trade Services - CC&G and Mo	nto Titoli			Notional value cleared (\$bn)	4,282	3,097	38%
Fost Trade Services - CC&G and Mic	onte inton			ForexClear members	32	28	14%
	Three montl	ns andad		Non-OTC			
		September Variance		Fixed income - Nominal value (€tn)	25.1	22.3	13%
	2018	2017	variance %	Listed derivatives (contracts m)	36.4	33.7	8%
CC&G Clearing	2010	2017	76	Cash equities trades (m)	179	194	(8%)
<u>=</u>	23.8	22.6	E0/				
Contracts (m)	23.8 12.0	22.6 9.4	5%	Average cash collateral (€bn)	86.2	82.1	5%
Initial margin held (average €bn)	12.0	9.4	28%				
Monte Titoli							
Settlement instructions (trades m)	10.3	10.1	2%				
Custody assets under management							
(average €tn)	3.30	3.30	0%	Note: Minor rounding differences may mean may differ slightly.	n quarterly and other	segmental fig	ures



## **Key performance indicators**

#### **Capital Markets - Primary Markets**

	-	Three months ended 30 September	
	2018	2017	Variance %
New Issues			
UK Main Market, PSM & SFM	17	18	(6%)
UK AIM	13	25	(48%)
Borsa Italiana	12	11	9%
Total	42	54	(22%)
Money Raised (£bn)			
UK New	2.0	2.6	(23%)
UK Further	3.1	3.6	(14%)
Borsa Italiana new and further	0.6	0.9	(33%)
Total (£bn)	5.7	7.1	(20%)

#### **Capital Markets - Secondary Markets**

	Three month	s ended	
	30 Septe	mber	Variance
Equity	2018	2017	%
Totals for period			
UK value traded (£bn)	329	327	1%
Borsa Italiana (no of trades m)	15.4	15.1	2%
Turquoise value traded (€bn)	180	225	(20%)
SETS Yield (basis points)	0.65	0.63	3%
Average daily			
UK value traded (£bn)	5.1	5.1	0%
Borsa Italiana (no of trades '000)	240	237	1%
Turquoise value traded (€bn)	2.8	3.5	(20%)
Derivatives (contracts m)			
LSE Derivatives	1.1	1.5	(27%)
IDEM	7.5	6.6	14%
Total	8.6	8.2	5%
Fixed Income			
MTS cash and BondVision (€bn)	670	733	(9%)
MTS money markets (€bn term adjusted)	21,134	17,385	22%

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



# Income & gross profit

	<u>2017</u>					<u>2018</u>			
£ millions	Q1	Q2	Q3	Q4	2017	Q1	Q2	Q3	9 Mths
Primary Markets	21	26	30	33	110	29	33	20	83
Secondary Markets - Equities	42	42	39	40	163	45	44	39	128
Secondary Markets - Fixed income, derivatives & other	31	28	28	31	118	33	31	30	94
Capital Markets	94	96	97	104	391	107	108	89	305
Clearing	11	9	9	10	39	10	12	10	31
Settlement, Custody & other	17	18	17	18	70	18	12	15	46
Post Trade Services - CC&G and Monte Titoli	28	27	26	28	109	28	24	25	77
OTC - SwapClear, ForexClear & CDSClear	57	55	59	60	231	66	64	65	196
Non OTC - Fixed income, Cash equities & Listed derivatives	33	33	33	34	133	33	34	34	101
Other	16	13	22	17	68	19	21	21	60
Post Trade Services - LCH	106	101	114	111	432	118	119	120	357
FTSE Russell Indexes	127	134	135	150	546	150	159	162	471
Real time data	23	24	23	24	94	24	23	23	70
Other information	24	23	24	25	96	27	29	27	83
Information Services	174	181	182	199	736	201	211	212	624
Technology Services	20	21	23	27	91	13	19	16	48
Other	1	4	1	3	9	3	2	2	7
Total Revenue	423	430	443	472	1,768	470	483	464	1,418
Net treasury income through CCP:									
CC&G	10	10	11	11	42	10	11	11	32
LCH	24	31	31	34	120	38	45	46	128
Other income	4	14	1	6	25	2	1	1	4
Total income	461	485	486	523	1,955	520	540	522	1,582
Cost of sales	(51)	(51)	(56)	(57)	(215)	(56)	(50)	(57)	(163)
Gross profit	410	434	430	466	1,740	464	490	465	1,419



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