

# RTS 28 Top 5 Venues Report - Professional Clients

Class of Instrument Notification if < 1 average trade per business day in the previous year	(a) Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LONDON STOCK EXCHANGE - AIM MTF (AIMX)	93.39	77.34	0.00	100.00	100.00
LONDON STOCK EXCHANGE (XLON)	6.61	22.56	0.00	100.00	100.00

Class of Instrument	(a) Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LONDON STOCK EXCHANGE - AIM MTF (AIMX)	76.79	41.03	0.00	100.00	100.00
LONDON STOCK EXCHANGE (XLON)	23.21	58.97	0.00	100.00	100.00

Class of Instrument	(a) Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LONDON STOCK EXCHANGE (XLON)	100	100	0.00	100.00	100.00

Class of Instrument	(b) Debt instruments (i) Bonds				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG TRADING FACILITY LIMITED (BMTF)	100	99.74	0.00	100.00	100.00
LONDON STOCK EXCHANGE (XLON)	0	0.26	0.00	100.00	100.00

Class of Instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ICE FUTURES EUROPE - FINANCIAL PRODUCTS DIVISION (IFLL)	85.87	68.64	66.90	33.10	100.00
EUREX DEUTSCHLAND (XEUR)	14.13	31.36	30.19	67.57	100.00

Class of Instrument	(e) Currency derivatives (ii) Swaps, forwards, and other currency derivatives				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
FINANCIAL AND RISK TRANSACTIONS SERVICES IRELAND LIMITED - FXALL RFQ MTF	100	100			100.00

Class of Instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
EUREX DEUTSCHLAND (XEUR)	51.74	20.51	56.92	36.30	100.00
EURONEXT PARIS MONEP (XMON)	27.04	58.51			100.00
ICE FUTURES EUROPE - EQUITY PRODUCTS DIVISION (IFLO)	19.31	13.71	87.21	12.79	100.00
ICE FUTURES EUROPE - FINANCIAL PRODUCTS DIVISION (IFLL)	1.19	6.25	13.87	86.13	100.00
EURONEXT EQF, EQUITIES AND INDICES DERIVATIVES (XEUE)	0.72	1.02			100.00

Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ICE FUTURES EUROPE (IFEU)	87.65	85.11	43.46	56.54	100.00
ICE FUTURES EUROPE - AGRICULTURAL PRODUCTS DIVISION (IFLX)	4.86	9.54	48.89	51.11	100.00
EURONEXT PARIS MATIF (XMAT)	3.68	1.07			100.00
EUROPEAN ENERGY EXCHANGE (XEEE)	2.17	0.76			100.00
LONDON METAL EXCHANGE (XLME)	1.1	3.28	44.93	54.98	100.00



Class of Instrument	(k) Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LONDON STOCK EXCHANGE (XLON)	100	100	0.00	100.00	100.00