

MiFID II Best Execution
Top 5 Execution Venues and Top 5 Brokers
Credit Suisse (Luxembourg) S.A., a UBS
Group Company



Introduction

This Top 5 Execution Venues and Top 5 Broker report refers to the obligations set out in Art. 27.6 of Directive 2014/65/EU article 65 (6) of the Commission Delegated Regulation (EU) 2017/565 ("MiFID II"), and Commission Delegated Regulation (EU) 2017/576 ("RTS 28"), and summarizes for each class of financial instruments, the top five execution venues in terms of trading venue where Credit Suisse (Luxembourg) S.A. ("CS Lux" or "the Bank") executed client orders in 2023.

This report covers the period from 1 January 2023 to 31 December 2023 and should be read in conjunction with the CS Lux's Best Execution Policy and the Best Execution quality report. Both documents are available of the Bank's website.

For clients serviced by Credit Suisse legal entities other than Credit Suisse (Luxembourg) S.A., note that there may be separate Best Execution Policies and reports with information on top five execution venues/brokers obtained by those legal entities.

Please contact your relationship manager for further information or any additional questions.



Top 5 Execution Venues / Brokers 2023 Retail Clients

This section outlines, for each class of financial instruments, the Top 5 Execution Venues / Brokers, in terms of volume, where Credit Suisse executed (Top 5 Execution Venues) or received and transmitted (Top 5 Brokers) orders on behalf of clients classified as retail client.

A. Top 5 Brokers

Class of Instrument	Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year	N				
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as a executed as percentage of total in that class Proportion of orders executed as percentage of total in that class		Percentage of directed orders		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	58,78%	58,78% 66,17%			
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	41,22% 33,83%		0,00%		
Class of Instrument	Equities - Shares & Depo and 4 (from 80 to 1 999	sitary Receipts (ii) Tick size l trades per day)	iquidity bands 3		
Notification if <1 average trade per business day in the previous year	N				
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as a executed as percentage of total in that class Proportion of orders executed as percentage of total in that class		Percentage of directed orders		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	51,07%	53,83%	0,00%		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	48,93%	46,17%	0,00%		



Class of Instrument	Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)			
Notification if <1 average trade per business day in the previous year	N			
Top five brokers ranked in terms of trading volumes (descending order)	traded as a	percentage of total in percentage of total in		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	70,18%	57,85%	0,00%	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	29,68%	42,11%	1,36%	
HSBC Bank PLC MP6I5ZYZBEU3UXPYFY54	0,15%	0,03%	0,00%	
Class of Instrument	Debt instruments (bor	nds)		
Notification if <1 average trade per business day in the previous year	N			
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as a executed as percentage of total in that class Proportion of orders executed as percentage of total in that class		Percentage of directed orders	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00% 100,00%		0,00%	
Class of Instrument		ney markets instruments)		
Notification if <1 average trade per business day in the previous year	Υ			
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as a executed as percentage of total in that class		Percentage of directed orders	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	0,00%	
Class of Instrument	trading venue & swap	tives (Futures and options admos, forwards and other interest		
Notification if <1 average trade per business day in the previous year	Υ			
Top five brokers ranked in terms of trading volumes (descending order)			Percentage of directed orders	



Class of Instrument	Credit Derivatives (Futures and options admitted to trading on a trading venue & other credit derivatives)				
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		
Class of Instrument		Options and futures admitted to	trading on a trading		
Notification if <1 average trade per business day in the previous year	venue) Y				
Top five brokers 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 directed orders		
Class of Instrument	Currency derivatives (Swaps, forwards and other curr	ency derivatives)		
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		
Class of Instrument	Structured finance ins	truments			
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as executed as percentage of total in that class		Percentage of directed orders		
Class of Instrument	Equity derivatives (Ovenue)	otions and Futures admitted to t	rading on a trading		
Notification if <1 average trade per business day in the previous year	N				
Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volur traded as a percentage of tota that class	executed as	Percentage of directed orders		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	2,63%		



Class of Instrument	Equity derivatives (Swaps and other equity derivatives)				
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		

Class of Instrument	Securitized Derivatives (warrants and certificate derivatives)			
Notification if <1 average trade per business day in the previous year	N			
Top five brokers 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 directed orders	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	97,24%	54,86%	0,00%	
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	2,76%	45,14%	0,00%	

Class of Instrument	Commodities Derivatives and emission allowances derivatives			
Notification if <1 average trade per business day in the previous year	Υ			
Top five brokers 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 directed orders	

Class of Instrument	Contracts for difference			
Notification if <1 average trade per business day in the previous year	Υ			
Top five brokers 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 directed orders	



Class of Instrument	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 brokers 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 directed orders	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	53,16%	49,30%	0,00%	
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	46,84%	50,70%	0,00%	

Class of Instrument	Emission allowance	S	
Notification if <1 average trade per business day in the previous year	Υ		
Top five brokers 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 directed orders

Class of Instrument	Other instruments		
Notification if <1 average trade per business day in the previous year	Υ		
Top five brokers 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 directed orders
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	98,02%	77,54%	0,00%
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	1,98%	22,46%	0,00%



B. Top 5 Execution Venues

Class of Instrument	Debt instrume	ents (bonds)			
Notification if <1 average	N	, ,			
trade per business day in the					
previous year					
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	of Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Bloomberg Multilateral Trading Facility BMTF	99,95%	99,70%	5,89%	94,11%	0,00%
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	0,05%	0,30%	83,33%	16,67%	0,00%
Class of Instrument		nts (money markets	s instruments)		
Notification if <1 average trade per business day in the previous year	Y				
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 Multilateral Trading Facility BMTF	100,00%	100,00%	0,46%	99,54%	0,00%
Class of Instrument		nce instruments			
Notification if <1 average trade per business day in the previous year	Υ				
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
Pareto Securities AB 549300446KJF7NHIXJ61	89,81%	66,67%	50,00%	50,00%	0,00%
Bloomberg Multilateral Trading Facility BMTF	10,19%	33,33%	100,00%	0,00%	0,00%



Class of Instrument	Securitized Derivatives (warrants and certificate derivatives)				
Notification if <1 average trade per business day in the previous year	Υ				
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

Class of Instrument	Currency deriv	vatives (swaps, for	wards and other	currency derivati	ves)
Notification if <1 average trade per business day in the previous year	Y				
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
Credit Suisse (Luxembourg) S.A. 5493003TIY721MBZZK78	100%	100%	N/A	N/A	100,00%

Class of Instrument	_	ed products (Exched commodities)	ange traded fur	nds, exchange tra	aded notes and
Notification if <1 average trade per business day in the previous year	Υ				
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 Multilateral Trading Facility BMTF	100,00%	100,00%	2,82%	97,18%	0,00%

Class of Instrument	Other instrumen	ts			
Notification if <1 average trade per business day in the previous year Top five execution venues	Y Proportion of	Proportion of	Deventore	Dovoontogo	Percentage
ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	of directed orders



Top 5 Execution Venues / Brokers 2023

Professional Clients

This section outlines, for each class of financial instruments, the Top 5 Execution Venues / Brokers, in terms of volume, where Credit Suisse executed (Top 5 Execution Venues) or received and transmitted (Top 5 Brokers) orders on behalf of clients classified as professional client.

A. Top 5 Brokers

Class of Instrument	Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year	N				
Top five brokers 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 directed orders		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	60,51%	65,38%	0,00%		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	39,49%	34,62%	0,00%		
01 (1 1 1	Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Class of Instrument			liquidity bands 3		
Notification if <1 average trade per business day in the previous year			liquidity bands 3		
Notification if <1 average trade per	and 4 (from 80 to 1 999		Percentage of directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	N Proportion of volume traded as a percentage of total in	Proportion of orders executed as percentage of total in	Percentage of		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Credit Suisse Bank Europe SA	N 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 directed orders		



Class of Instrument	Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	N				
Top five brokers 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 directed orders		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	73,18%	67,96%	1,55%		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	22,34%	31,84%	0,04%		
UBS Europe SE 5299007QVIQ7IO64NX37	3,05%	0,20%	0,00%		
HSBC Bank PLC MP6I5ZYZBEU3UXPYFY54	1,43%	0,00%	0,00%		
Class of Instrument	Debt instruments (bonds)				
Notification if <1 average trade per business day in the previous year	N				
Top five brokers 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 directed orders		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	0,00%		
Class of Instrument	Debt instruments (money	markets instruments)			
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	0,00%		
Class of Instrument	Interest rates derivatives (I trading venue)	Futures and options admitte	d to trading on a		
Notification if <1 average trade per business day in the previous year	N				
Top five brokers 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 directed orders		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	1,26%		



Class of Instrument		utures and options admitted to	trading on a trading		
N. 110	venue & other credit	derivatives)			
Notification if <1 average trade per business day in the previous year	Y				
Top five brokers ranked in terms of	Proportion of	Proportion of orders	Percentage of directed orders		
trading volumes (descending order)		Total and the particular and particu			
	of total in that	as a percentage of total in that class			
	class				
	0.000				
Class of Instrument	Currency derivatives (trading venue)	Futures and options admitted t	to trading on a		
Notification if <1 average trade per	Y				
business day in the previous year					
Top five brokers ranked in terms of	Proportion of volum	ne Proportion of orders	Percentage of		
trading volumes (descending order)	traded as a	executed as	directed orders		
	percentage of total	1			
	that class	that class			
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100,00%	100,00%	3.68%		
Class of Instrument	Structured Finance ins	struments			
Notification if <1 average trade per	Structured Finance ins	struments			
Notification if <1 average trade per business day in the previous year	Υ				
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Y Proportion of	Proportion of orders	Percentage of		
Notification if <1 average trade per business day in the previous year	Proportion of volume traded as	Proportion of orders executed as percentage	Percentage of directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of	Proportion of orders			
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as	Proportion of orders executed as percentage			
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of	Proportion of orders executed as percentage			
Notification if <1 average trade per business day in the previous year Top five brokers 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	directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of total in that class Equity derivatives (Op	Proportion of orders executed as percentage	directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue)	Proportion of orders executed as percentage of total in that class	directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument Notification if <1 average trade per	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue) N Proportion of volume	Proportion of orders executed as percentage of total in that class	directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument Notification if <1 average trade per business day in the previous year	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue) N Proportion of volume traded as a	Proportion of orders executed as percentage of total in that class tions and Futures admitted to Proportion of orders executed as	trading on a trading Percentage of directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue) N Proportion of volume traded as a percentage of total	Proportion of orders executed as percentage of total in that class tions and Futures admitted to re Proportion of orders executed as in percentage of total in	trading on a trading Percentage of directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue) N Proportion of volume traded as a	Proportion of orders executed as percentage of total in that class tions and Futures admitted to Proportion of orders executed as	trading on a trading Percentage of directed orders		
Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	Proportion of volume traded as a percentage of total in that class Equity derivatives (Opvenue) N Proportion of volume traded as a percentage of total	Proportion of orders executed as percentage of total in that class tions and Futures admitted to re Proportion of orders executed as in percentage of total in	trading on a trading Percentage of directed orders		



Class of Instrument	Securitized Derivatives (warrants and certificate derivatives)				
Notification if <1 average trade per business day in the previous year	N				
Top five brokers 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 directed orders		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	99,86%	75,17%	0,00%		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	0,14%	24,83%	0,00%		

Class of Instrument	Commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		

Class of Instrument	Contracts for difference				
Notification if <1 average trade per business day in the previous year	Υ				
Top five brokers 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 directed orders		

Class of Instrument	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 brokers 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 directed orders		
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	52,12%	67,79%	0,09%		
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	47,88%	32,21%	0,00%		



Class of Instrument	Other instruments		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	99,85%	83,41%	0,82%
Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14	0,15%	16,59%	0,00%



B. Top 5 Execution Venues

Class of Instrument	Debt instrument	Debt instruments (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 Multilateral Trading Facility BMTF	100,00%	100,00%	76,32%	23,68%	0,00%	

Class of Instrument	Debt instruments (money market instruments)					
Notification if <1 average trade per business day in the previous year	Y					
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 Multilateral Trading Facility BMTF	100,00%	100,00%	15,79%	84,21%	5,26%	

Class of Instrument	Structured Finance Instruments					
Notification if <1 average trade per business day in the previous year	Υ					
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	



Class of Instrument	Currency derivatives (swaps, forwards and other currency derivatives)					
Notification if <1 average trade per business day in the previous year	Υ					
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	
Credit Suisse (Luxembourg) S.A. 5493003TIY721MBZZK78	100%	100%	N/A	N/A	100,00%	

Class of Instrument	Securitized derivatives (warrants and certificates derivatives)					
Notification if <1 average trade per business day in the previous year	Υ					
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	
HSBC Bank PLC MP6I5ZYZBEU3UXPYFY54	100,00%	100,00%	0,00%	100,00%	0,00%	

Class of Instrument	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	Υ					
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 Multilateral Trading Facility BMTF	100,00%	100,00%	26,97%	73,03%	0,00%	

Class of Instrument	Other instruments				
Notification if <1 average trade per business day in the previous year	Υ				
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





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