



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AA99  
Equity instruments- Shares and share certificates

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	72,39%	3,07%	100,00%	0,00%	100,00%
Wilsons Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	21,89%	96,14%	100,00%	0,00%	100,00%
Robotti Securities, LLC (2549002YOBTNZ00I4L93)	4,03%	0,78%	100,00%	0,00%	100,00%
Goldman Sachs Bank Europe (8IBZUGJ7JPLH368JE346)	0,90%	0,01%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	0,78%	0,01%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AA99  
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	87,35%	29,21%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	3,39%	0,04%	100,00%	0,00%	100,00%
CAVENDISH CAPITAL MARKETS (213800DSWHX26RRA1N752,22%		21,25%	100,00%	0,00%	100,00%
Goldman Sachs Bank Europe (8IBZUGJ7JPLH368JE346)	1,92%	0,06%	100,00%	0,00%	100,00%
Optiver V.O.F. (7245009KRY SAYB2QCC29)	1,33%	0,06%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AA99  
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	68,61%	80,53%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	12,89%	1,03%	100,00%	0,00%	100,00%
Baader Bank AG (529900JFOPPEDUR61H13)	6,77%	0,30%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	4,61%	0,23%	100,00%	0,00%	100,00%
Optiver V.O.F. (7245009KRY SAYB2QCC29)	1,82%	2,19%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AA99  
Equity instruments- Shares and share certificates

Tick Size liquidity band E and liquidity band F

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	78,61%	90,71%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	14,64%	3,37%	100,00%	0,00%	100,00%
Baader Bank AG (529900JFOPPEDUR61H13)	3,19%	1,22%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	1,08%	0,34%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	0,59%	1,41%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AB99  
Equity instruments- Shares and share certificates

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AB99  
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	82,50%	97,72%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	15,05%	0,18%	100,00%	0,00%	100,00%
Robotti Securities, LLC (2549002YOBTN00I4L93)	1,31%	2,08%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	0,70%	0,01%	100,00%	0,00%	100,00%
Oddo et Cie Paris (9695002I9DJHZ3449O66)	0,44%	0,01%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AB99  
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	99,42%	99,58%	100,00%	0,00%	100,00%
Oddo et Cie Paris (9695002I9DJHZ3449O66)	0,58%	0,42%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AB99  
Equity instruments- Shares and share certificates

Tick Size liquidity band E and liquidity band F

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%





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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	AC99				
	Exchange traded products (ETPs)Exc				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed 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
Flow Traders B V (549300CLJI9XDH12XV51)	37,61%	41,84%	100,00%	0,00%	100,00%
Jane Street Financial Ltd. (549300ZHEHX8M31RP142)	28,22%	30,93%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	9,31%	6,10%	100,00%	0,00%	100,00%
Optiver V.O.F. (7245009KRYSAYB2QCC29)	9,02%	10,28%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	9,00%	4,94%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AC99  
Exchange traded products (ETPs)Exc  
Tick Size liquidity band A and liquidity band B  
Information on whether an average of < 1 trade per business day was executed 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
Flow Traders B V (549300CLJI9XDH12XV51)	99,05%	99,24%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	0,95%	0,76%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	AD99 other instruments				
Tick Size	liquidity band A and liquidity band B				
Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	98,30%	98,20%	100,00%	0,00%	100,00%
Oddo et Cie Paris (9695002I9DJHZ3449O66)	1,34%	1,39%	100,00%	0,00%	100,00%
Kepler Cheuvreux S.A. (9695005EOZG9X8IRJD84)	0,35%	0,41%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AE99  
other instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AE99  
other instruments

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument AE99  
other instruments

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BA10  
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	11,19%	7,09%	100,00%	0,00%	100,00%
Citigroup Global Markets EU (6TJCK1B7E7UTXP528Y04)	10,67%	26,12%	100,00%	0,00%	100,00%
Barclays Bank PLC Ireland (2G5BKIC2CB69PRJH1W31)	8,51%	4,56%	100,00%	0,00%	100,00%
BNP Paribas Paris (R0MUWSFPU8MPRO8K5P83)	7,25%	4,18%	100,00%	0,00%	100,00%
Deutsche Bk Ffm (7LTFWZYICNSX8D621K86)	6,56%	4,22%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	BA11				
	Debt instruments				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed 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
DEKABK DGZ Ffm (0W2PZJM8XOY22M4GG883)	25,99%	25,06%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	15,02%	14,57%	100,00%	0,00%	100,00%
Commerzbank AG Ffm (851WYG NLUQLFZBSYGB56)	9,80%	9,39%	100,00%	0,00%	100,00%
Deutsche Bk Ffm (7LTFWZYICNSX8D621K86)	8,12%	7,67%	100,00%	0,00%	100,00%
Erste Group Bank AG Wien (PQOH26KWDF7CG10L6792)	8,05%	7,67%	100,00%	0,00%	100,00%





## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BA12  
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Goldman Sachs Bk Europe SE (8IBZUGJ7JPLH368JE346)	50,35%	50,00%	100,00%	0,00%	100,00%
BofA Securities Europe SA (549300FH0WJAPEHTIQ77)	49,65%	50,00%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	BA13				
	Debt instruments				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	21,58%	21,51%	100,00%	0,00%	100,00%
Commerzbank AG Ffm (851WYGNLUQLFZBSYGB56)	14,79%	14,58%	100,00%	0,00%	100,00%
Goldman Sachs Bk Europe SE (8IBZUGJ7JPLH368JE346)	9,67%	9,69%	100,00%	0,00%	100,00%
Metzler AG (529900IOG1ENLW4SUU53)	8,57%	8,58%	100,00%	0,00%	100,00%
BayernLB Mue (VDYMYTQGZZ6DU0912C88)	5,64%	5,57%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BA14  
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BNP Paribas Paris (R0MUWSFPU8MPRO8K5P83)	9,45%	10,00%	100,00%	0,00%	100,00%
HSBC Continental Europe SA (F0HUI1NY1AZMJMD8LP67)	7,89%	7,86%	100,00%	0,00%	100,00%
BofA Securities Europe SA (549300FH0WJAPEHTIQ77)	7,76%	7,63%	100,00%	0,00%	100,00%
Toronto Dominion Bk Ldn (PT3QB789TSUIDF371261)	5,90%	4,48%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	5,15%	4,68%	100,00%	0,00%	100,00%



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## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	BA15				
	Debt instruments				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed 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
BofA Securities Europe SA (549300FH0WJAPEHTIQ77)	24,72%	21,37%	100,00%	0,00%	100,00%
Citigroup Global Markets EU (6TJCK1B7E7UTXP528Y04)	23,87%	20,16%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	7,72%	12,94%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	4,94%	4,30%	100,00%	0,00%	100,00%
CIBC Capital Markets (5493004H6N0F0BB9H184)	4,34%	3,54%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BD10  
other derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument      BD21  
Equity derivatives

Tick Size                not used

Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BD24  
Currency derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument      BD99  
                                 other derivatives

Tick Size                    not used

Information on whether an average of < 1 trade per business day was executed 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
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%





## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BE21  
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BE21  
securitized derivatives

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument BE99  
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Erste Group Bank AG Wien (PQOH26KWDF7CG10L6792)	96,09%	96,64%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	3,91%	3,36%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument      BF99  
                                 Exchange traded products (ETPs)

Tick Size                    not used

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument C999  
no specific classification

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
Vestima CBL (549300OL514RA0SXJJ44)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument C999  
no specific classification

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
Wilsons Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	79,28%	97,66%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	20,72%	2,34%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument C999  
no specific classification

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument	CA99				
	Debt instruments				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed 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
Barclays Bank PLC Ireland (2G5BKIC2CB69PRJH1W31)	16,86%	18,15%	100,00%	0,00%	100,00%
Wells Fargo Secur Intl Ltd. (BWS7DNS2Z4NPKPNYKL75)	15,41%	11,35%	100,00%	0,00%	100,00%
Deutsche Bk Ffm (7LTFWZYICNSX8D621K86)	14,68%	14,39%	100,00%	0,00%	100,00%
Citigroup Global Markets EU (6TJCK1B7E7UTXP528Y04)	13,77%	14,48%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	11,10%	12,16%	100,00%	0,00%	100,00%





## Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2023

Class of Instrument      CB99  
                                 Other instruments

Tick Size                    not used

Information on whether an average of < 1 trade per business day was executed 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
Vestima CBL (5493000L514RA0SXJJ44)	99,89%	99,95%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	0,11%	0,05%	100,00%	0,00%	100,00%