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# Annual report on quality of execution

1 January 2022 - 31 December 2022

## Inhoud

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## Qualitative statement & additional information

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- A. An explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution;**

ACTIAM's order handling policy describes the framework that has been put in place when executing orders in line with the requirements for best execution under the Markets in Financial Instruments Directive ("MiFID2") as implemented in the Decree on conduct of business supervision (Besluit Gedragstoezicht financiële ondernemingen and the "Decree") and other applicable (supra)national (delegated) directives/regulations.

The Order Handling Policy can be found online at: [https://www.actiam.com/496174/siteassets/3\\_over-actiam/documenten/en/oa\\_order\\_handling\\_policyen.pdf](https://www.actiam.com/496174/siteassets/3_over-actiam/documenten/en/oa_order_handling_policyen.pdf).

- B. A description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders;**

ACTIAM is not in any way affiliated with any broker or venue, nor does ACTIAM receive any remuneration, discount or non-monetary benefit for routing orders to a specific broker. Which ensures full flexibility for implementing the ACTIAM Venue and Broker Selection & Review policy while adhering to the Research Inducement Policy and Conflicts of Interest Policy.

- C. An explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred;**

ACTIAM reviews its Approved Broker and Execution Venue list on both quantitative and qualitative measures at least twice a year. ACTIAM's policy is to maintain a selection of brokers and execution venues that meet the requirement deemed necessary to obtain Best Execution on a consistent basis when transmitting and executing orders.

The Broker Selection & Review Policy explains the framework that ACTIAM has put in place when it selects and reviews its venues and or brokers where it places or executes orders in financial instruments.

The Broker Selection & Review Policy can be found online at: [https://www.actiam.com/4b1044/siteassets/3\\_over-actiam/documenten/nl/oa\\_broker\\_selection\\_review\\_policy\\_en.pdf](https://www.actiam.com/4b1044/siteassets/3_over-actiam/documenten/nl/oa_broker_selection_review_policy_en.pdf)

- D. An explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Commission Delegated Regulation (EU) .../...to be inserted before publication [RTS 27];**

ACTIAM's trade executions are captured in Bloomberg Transaction Cost Analysis tool (BTCA) and are monitored regularly. This is done at least on a weekly basis, but often BTCA reports are monitored on a trade by trade basis. Monthly reports, Year to Date reports and End of Year reports are communicated internally to all relevant users. BTCA reports are used to review the quality of the executions received from brokers and execution venues against an internal benchmark.

## Top 5 reports RTS 28/article 65 (5) MiFID II Delegated Regulation

This chapter provides ACTIAM's report of the top 5 execution venues in terms of trading volumes for all executed orders per class of financial instrument in the year 2022 (RTS 28). For orders that were transmitted to another entity for execution, this report shows the top 5 brokers under article 65 (5) of the MiFID II Delegated Regulation.

### A. Equities: Shares and Depositary Receipts

#### Tick size liquidity bands 1 and 2

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citigroup Global Markets Limited (LEI: XKZZ2JZF41MRHTR1V493)	22,4%	15,6%	29,1%	70,9%	0,0%
Goldman Sachs & Co. LLC (LEI: FOR8UP27PHTHYVLBNG30)	14,9%	0,8%	0,0%	100,0%	0,0%
Joh. Berenberg, Gossler & Co (LEI: 529900UC2OD7II24Z667)	12,2%	17,3%	51,6%	48,4%	0,0%
Goldman Sach Bank Europe SE (LEI: 8IBZUGJ7JPLH368JE346)	8,7%	1,0%	0,0%	100,0%	0,0%
Credit Suisse International (LEI: E58DKGMJYYYJLN8C3868)	8,0%	5,6%	23,4%	76,6%	0,0%

#### Tick size liquidity bands 3 and 4

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citigroup Global Markets Limited (LEI: XKZZ2JZF41MRHTR1V493)	22,9%	10,2%	33,5%	66,5%	0,0%
Goldman Sachs & Co. LLC (LEI: FOR8UP27PHTHYVLBNG30)	19,2%	1,0%	0,0%	100,0%	0,0%
RBC Capital Markets (Europe) GmbH (LEI: 549300SXSTGQY3EA1B18)	14,8%	19,2%	0,0%	100,0%	0,0%
Joh. Berenberg, Gossler & Co. KG (LEI: 529900UC2OD7II24Z667)	11,4%	26,4%	42,9%	57,1%	0,0%
Barclays Bank Ireland Plc (LEI: 2G5BKIC2CB69PRJH1W31)	5,4%	7,7%	41,4%	58,6%	0,0%

## Tick size liquidity bands 5 and 6

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citigroup Global Markets Limited (LEI: XKZZ2JZF41MRHTR1V493)	23,11%	5,1%	5,9%	94,1%	0,0%
Goldman Sachs & Co. LLC (LEI: FOR8UP27PHTHYVLBNG30)	16,3%	0,9%	0,0%	100,0%	0,0%
Joh. Berenberg, Gossler & Co. KG (LEI: 529900UC2OD7II24Z667)	13,3%	25,6%	54,5%	45,5%	0,0%
RBC Capital Markets (Europe) GmbH (LEI: 549300SXSTGQY3EA1B18)	10,5%	13,0%	0,0%	100,0%	0,0%
Goldman Sach Bank Europe SE (LEI: 8IBZUGJ7JPLH368JE346)	8,7%	1,5	19,1%	80,9%	0,0%

## B. Exchange Traded Products

### Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ING Bank NV (LEI: 3TK20IVIUJ8J3ZU0QE75)	100,0%	100,0%	0,0%	100,0%	0,0%

## C. Debt Instruments

### Bonds

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Bloomberg Trading Facility B.V. (LEI: 254900QBKK4WBSO3GE51)	87,8%	90,1%	0,0%	100,0%	0,0%
J.P. Morgan SE (LEI: 549300ZK53CNGEEI6A29)	1,2%	1,0%	0,0%	100,0%	0,0%
Deutsche Bank Aktiengesellschaft (LEI: 529900IH9V4I3VHQVO92)	1,2%	1,0%	0,0%	100,0%	0,0%
Barclays Bank Ireland Plc (LEI: 2G5BKIC2CB69PRJH1W31)	0,9%	0,4%	0,0%	100,0%	0,0%
BNP PARIBAS S.A. (LEI: ROMUWSFPU8MPRO8K5P83)	0,9%	1,0%	0,0%	100,0%	0,0%

The table above contains trading venue Bloomberg TFL through which ACTIAM can select and approach one or more potential counterparties. The top 5 counterparties that were most commonly used by ACTIAM to execute the transactions through the trading venue's systems are presented in the table below. ACTIAM is not in any way affiliated with any of these counterparties.

### Bond (broker on venues)

Class of Instrument	Debt Instruments: Bonds
Top five counterparties used through any trading venue's system	Proportion of volume traded as a percentage of total in that class
Deutsche Bank Aktiengesellschaft (LEI: 529900IH9V4I3VHQVO92)	10,1%
Nomura Financial Products Europe GmbH (LEI: 5493002XYZZ0CGQ6CB58)	8,5%
J.P. Morgan SE (LEI: 549300ZK53CNGEEI6A29)	7,6%
Citigroup Global Markets Europe AG (LEI: 6TJCK1B7E7UTXP528Y04)	7,2%
Societe Generale (LEI: O2RNE8IBXP4R0TD8PU41)	4,2%

## D. Interest rate derivatives

### Futures and Options Admitted to Trading on a Trading Venue

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BNP PARIBAS S.A. (LEI: ROMUWSFPU8MPRO8K5P83)	99,8%	99,0%	0,0%	100,0%	0,0%
Barclays Bank Ireland Plc (LEI: 2G5BKIC2CB69PRJH1W31)	4,4%	0,8%	0,0%	100,0%	0,0%
Societe Generale (LEI: O2RNE8IBXP4R0TD8PU41)	0,2%	1,1%	0,0%	100,0%	0,0%

### Interest Rate Derivatives: Swaps, forwards, and other interest rates derivatives

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Tradeweb EU B.V. (LEI: 724500D4BFEWKWVC1G62)	53,2%	63,4%	0,0%	100,0%	0,0%
Bloomberg Trading Facility B.V. (LEI: 254900QBKK4WBSO3GE51)	46,9%	36,6%	0,0%	100,0%	0,0%

The table above contains trading venues through which ACTIAM can select and approach one or more potential counterparties. The top 5 counterparties that were most commonly used by ACTIAM to execute the transactions through the trading venue's systems are presented in the next table. ACTIAM is not in any way affiliated with any of these counterparties.



Class of instrument	Interest Rate Derivatives: Swaps, forwards, and other interest rates derivatives
<b>Top five counterparties used through any trading venue's system</b>	<b>Proportion of volume traded as a percentage of total in that class</b>
Deutsche Bank Aktiengesellschaft (LEI: 529900IH9V4I3VHQVO92)	29,3%
Goldman Sachs Bank Europe SE (LEI: 8IBZUGJ7JPLH368JE346)	21,2%
J.P. Morgan SE (LEI: 549300ZK53CNGEEI6A29)	13,1%
Barclays Bank Ireland Plc (LEI: 2G5BKIC2CB69PRJH1W31)	7,3%
NatWest Markets N.V. (LEI: X3CZP3CK64YBHON1LE12)	4,9%

## E. Currency Derivatives

### Swaps, forwards, and other currency derivatives

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Bloomberg Trading Facility B.V. (LEI: 254900QBKK4WBSO3GE51)	99,6%	93,8%	0,0%	100,0%	0,0%
TCX Investment Management Company B.V. (LEI: 724500IT7W540A70IX18)	0,4%	6,3%	0,0%	100,0%	0,0%

The table above contains trading venue Bloomberg TFL through which ACTIAM can select and approach one or more potential counterparties. The top 5 counterparties that were most commonly used by ACTIAM to execute the transactions through the trading venue's systems are presented in the table below. ACTIAM is not in any way affiliated with any of these counterparties.

Class of Instrument	Currency Derivatives: Swaps, forwards, and other currency derivatives
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>
Coöperatieve Rabobank U.A. (LEI: DG3RU1DBUFHT4ZF9WN62)	72,0%
Barclays Bank Ireland PLC (LEI: 2G5BKIC2CB69PRJH1W31)	27,6%
TCX Investment Management Company B.V. (LEI: 724500IT7W540A70IX18)	0,4%

## Futures and Options Admitted to Trading on a Trading Venue

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BNP PARIBAS S.A. (LEI: ROMUWSFPU8MPRO8K5P83)	100,0%	100,0%	0,0%	100,0%	0,0%

## F. Debt Instruments

### Money Markets

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ABN AMRO Bank N.V. (LEI: BFXS5XCH7N0Y05NIXW11)	100,0%	100,0%	0,0%	100,0%	0,0%

## G. Other Instruments

### (Reverse) Repo

Class of Instrument					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ABN AMRO Bank N.V. (LEI: BFXS5XCH7N0Y05NIXW11)	100,0%	100,0%	0,0%	100,0%	0,0%

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