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LYXOR INTERMEDIATION'S EXECUTION VENUES AND QUALITY OF EXECUTION ANNUAL REPORT FOR YEAR 2020 PROFESSIONAL CLIENTS

In application of Commission Delegated Regulation 2017/576 supplementing Directive 2014/65/EU, LYXOR INTERMEDIATION prepared the annual report on the execution venues and the quality of execution applicable to year 2020

The report is split between all financial instruments executed during the year 2020 (for avoidance of any doubt, any missing instrument means that no trade had been made on it during the year under review). It comprises a quantitative analysis summarized in the tables below (traded volumes per venue and number of orders executed on them).

In application of LYXOR INTERMEDIATION's best selection and best execution policy (available on the site www.lyxor.com), the explanation of the factors retained in the selection process of the venues for each financial instrument are summarized in the cell below each table.

In 2020, as depicted in the tables below, measures were taken to prepare for the "Brexit". In doing so, new counterparties and trading platforms located in the European Union (exception made of the UK) were selected all over the year and gradually replaced the existing ones located in the UK. This movement started in 2019 kept going through the transition period of 2020 for the remaining UK brokers who have not activated their adaptation plan yet.

1. EQUITIES – SHARES & DEPOSITORIES RECEIPTS – TICK SIZE LIQUIDITY BANDS 5 AND 6 (FROM 2 000 TRADES PER DAY)

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on equities are thus transmitted to brokers (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Equities - Shares & Depository Receipts - Tick size liquidity bands 5 and 6					
Notification if < 1 average trade per business day in the previous year	No				
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
ICAP SECURITIES LIMITED (213800NMEZS3MD2IUP33)	22%	1%	100%	0%	0%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	21%	19%	0%	100%	0%
J.P.MORGAN AG (549300ZK53CNGEEI6A29)	20%	22%	0%	100%	0%
BOFA SECURITIES EUROPE SA (549300FH0WJAPEHTIQ77)	16%	15%	0%	100%	0%
CITIGROUP GLOBAL MARKETS DEUTSCHLAND AG (6TJCK1B7E7UTXP528Y04)	8%	17%	0%	100%	0%
<p>- Icap was selected since it provides access to specific markets and may execute large size orders. The rapidity of execution and the capacity to execute orders in full are other selection factors.</p> <p>- Société Général, BOFA Securities Europe et Citigroup Global Markets were selected on the basis of the fees charged, the rapidity of execution, the capacity to execute orders in full and a large range of order sizes. This brokers offer the "DMA" service which threnthens the safety of the execution process.</p> <p>- JP Morgan was selected on the basis of the level of fees charged and since it provides access to specific markets. The rapidity of execution and the capacity to execute orders in full are other factors used in the selection process.</p>					

2. EQUITIES – SHARES & DEPOSITORY RECEIPTS – TICK SIZE LIQUIDITY BANDS 3 AND 4 (FROM 80 TO 1 999 TRADES PER DAY)

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on equities are thus transmitted to brokers (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Equities - Shares & Depository Receipts - Tick size liquidity bands 3 and 4					
Notification if < 1 average trade per business day in the previous year	No				
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)	34%	29%	0%	100%	0%
J.P.MORGAN AG (549300ZK53CNGEEI6A29)	21%	22%	0%	100%	0%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	18%	26%	0%	100%	0%
ICAP SECURITIES LIMITED (213800NMEZS3MD2IUP33)	7%	0%	100%	0%	0%
JP MORGAN SECURITIES LLC (ZBUT11V806EZRVWT807)	7%	6%	0%	100%	0%
<p>- BOFA Securities Europe and Société Général were selected on the basis of the fees charged. The rapidity of execution, the capacity to execute orders in full are other factors used in the selection process. This broker offers the "DMA" service which strengthens safety of the execution process.</p> <p>- JP Morgan Securities and JP Morgan AG were selected on the basis of the fees charged and for execution of order placed on specific trading strategies. The rapidity of execution the capacity to execute orders in full are other factors used in the selection process.</p> <p>- Icap was selected since it provides access to specific markets and may execute large size orders. The rapidity of execution and the capacity to execute orders in full are other selection factors.</p>					

3. EQUITIES – SHARES & DEPOSITORIES RECEIPTS – TICK SIZE LIQUIDITY BANDS 1 AND 2 (FROM 0 TO 79 TRADES PER DAY)

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on equities are thus transmitted to brokers (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Equities - Shares & Depository Receipts - Tick size liquidity bands 1 and 2					
Notification if < 1 average trade per business day in the previous year	No				
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)	48%	51%	0%	100%	0%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	40%	15%	3%	97%	0%
CITIGROUP GLOBAL MARKETS DEUTSCHLAND AG (6TJCK1B7E7UTXP528Y04)	5%	1%	0%	100%	0%
J.P.MORGAN AG (549300ZK53CNGEEI6A29)	3%	16%	0%	100%	0%
MORGAN STANLEY EUROPE SE (54930056FHWP7GIWYY08)	3%	16%	0%	100%	0%
<p>- BOFA Securities Europe, Société Général et Citigroup Global Markets were selected on the basis of the fees charged, the rapidity of execution, the capacity to execute orders in full and a large range of order sizes. This brokers offer the "DMA" service which threnngthens the safety of the execution process.</p> <p>- JP Morgan and Morgan Stanley Europe were selected on the basis of the fees charged and for execution of order placed on specific trading strategies. The rapidity of execution, the capacity to execute orders in full are other factors used in the selection process.</p>					

4. DEBT INSTRUMENTS – BONDS

Orders on bonds are executed (Execution activity) on MTFs or with SIs according to the process described in the table below.

LYXOR INTERMEDIATION keeps increasing the share of its execution activity on bonds made on execution platform according to an open architecture model, which allows the execution at the best price available at the time when the order is placed on the platform.

Debt instruments - Bonds					
Notification if < 1 average trade per business day in the previous year	No				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	57%	69%	27%	0%	73%
JANE STREET FINANCIAL LIMITED (549300ZHEHX8M31RP142)	21%	15%	21%	0%	79%
Bloomberg Trading Facility B.V. (254900QBKK4WBSO3GE51)	10%	5%	4%	96%	0%
FLOW TRADERS BV (549300CLJI9XDH12XV51)	6%	6%	0%	0%	100%
BNP PARIBAS PARIS (R0MUWSFPU8MPRO8K5P83)	2%	2%	54%	0%	46%
<p>- Société Générale, Jane Street Financial, Flow Traders and BNP Paribas are used to execute directed or specific orders.</p> <p>- Bloomberg Trading Facility BV is a leading platform for fixed income trading which is used by a large number of counterparties and thus offers liquidity and allows best execution by way of Rfq. The platform also offers safety in the order execution process by way of electronic exchange of information.</p>					

5. DEBT INSTRUMENTS – MONEY MARKETS INSTRUMENTS

Orders on Money market Instruments are executed (Execution activity) on MTFs or with SIs according to the process described in the table below.

LYXOR INTERMEDIATION keeps increasing the share of its execution activity on bonds made on execution platform according to an open architecture model, which allows the execution at the best price available at the time when the order is placed on the platform.

Debt instruments - Money Market Instruments					
Notification if < 1 average trade per business day in the previous year	No				
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 B.V. (254900QBKK4WBSO3GE51)	100%	91%	1%	99%	0%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	0%	9%	0%	88%	12%
Néant					
Néant					
Néant					
<p>- Bloomberg Trading Facility BV is a leading platform for fixed income trading which is used by a large number of counterparties and thus offers liquidity and allows best execution by way of Rfq. The platform also offers safety in the order execution process by way of electronic exchange of information.</p> <p>- Société Générale is used since this counterparty provides liquidity for specific orders.</p>					

6. INTEREST RATE DERIVATIVES – FUTURES AND OPTIONS ADMITTED ON A TRADING VENUE

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on future contracts are thus channeled to broker entities (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Interest rates derivatives - Options and Futures admitted to trading on a trading venue					
Notification if < 1 average trade per business day in the previous year	No				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	61%	58%	0%	100%	0%
GFI SECURITIES LIMITED (GUNTJCA81C7IHNBGI392)	35%	19%	0%	100%	0%
DEUTSCHE BANK AKTIENGESELLSCHAFT (7LTFWZYICNSX8D621K86)	3%	22%	0%	100%	0%
SG Americas Securities LLC (549300F35UE0BOM1WJ55)	0%	1%	0%	100%	0%
Néant					
<p>- Société Générale, SG Americas Securities and Deutsche Bank were selected on the basis of the DMA services they provide, which strengthens the safety of the order execution process. The rapidity of execution together with the low level of fees are two other selection factors.</p> <p>- GFI Securities is used mainly because this entity offers specific trading facilities and on the basis of the level of fees charged.</p>					

7. CURRENCY DERIVATIVES – FUTURES AND OPTIONS ADMITTED ON A TRADING VENUE

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on future contracts are thus transmitted to broker entities (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Currency derivatives - Options and Futures admitted to trading on a trading venue					
Notification if < 1 average trade per business day in the previous year	No				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	75%	61%	0%	100%	0%
DEUTSCHE BANK AKTIENGESELLSCHAFT (7LTFZYICNSX8D621K86)	25%	39%	0%	100%	0%
SG Americas Securities LLC (549300F35UE0BOM1WJ55)	0%	1%	0%	100%	0%
Néant					
Néant					
- Société Générale, SG Americas Securities and Deutsche Bank were selected on the basis of the DMA services they provide, which strengthens the safety of the order execution process. The rapidity of execution together with the low level of fees are two other selection factors.					

8. CURRENCY DERIVATIVES – SWAPS, FORWARDS AND OTHER CURRENCY DERIVATIVES

Orders on not listed currency derivatives are executed (Execution activity) on MTFs or with SIs according to the process described in the table below.

Currency derivatives - Swaps, Forwards and other currency derivatives					
Notification if < 1 average trade per business day in the previous year	No				
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 & Risk Transaction Services (Ireland) (635400MQZIPRPDDZK76)	100%	100%	0%	93%	7%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	0%	0%	0%	100%	0%
Néant					
Néant					
Néant					
<p>- Financial & Risk Transaction Services was selected as it offers safety in the execution of orders by way of electronic exchange of information. The platform is used to execute directed orders and offers transparency of prices which favours best execution.</p> <p>- Société Générale is used to execute specific orders. The platform provides safety and transparency in the execution of orders; the placement of orders is based on a workflow which proved to be robust since it has been used for years. The platform offers the transparency of the market prices which favours best execution.</p>					

9. EQUITY DERIVATIVES – FUTURES AND OPTIONS ADMITTED ON A TRADING VENUE

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on future contracts are thus transmitted to broker entities (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Equity derivatives - Options and Futures admitted to trading on a trading venue					
Notification if < 1 average trade per business day in the previous year	No				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	47%	48%	0%	100%	0%
TFS DERIVATIVES LIMITED (549300WXUYR1CMLDQF25)	23%	2%	53%	47%	0%
DEUTSCHE BANK AKTIENGESELLSCHAFT (7LTWFZYICNSX8D621K86)	14%	39%	0%	100%	0%
GFI SECURITIES LIMITED (GUNTJCA81C7IHNBG1392)	11%	9%	0%	100%	0%
OPTIVER VOF (7245009KRY SAYB2QCC29)	2%	0%	0%	100%	0%
<p>- Société Générale and Deutsche Bank were selected on the basis of the DMA services they provide, which strengthens the safety of the order execution process. The rapidity of execution together with the low level of fees are two other selection factors.</p> <p>- TSF Derivatives was selected for its capacity to execute specific orders and large size orders</p> <p>- GFI Securities and Optiver were used mainly because they offer specific trading facilities and low level of fees.</p>					

10. EQUITY DERIVATIVES – SWAPS, FORWARDS AND OTHER CURRENCY DERIVATIVES

Orders on not listed equity derivatives are executed (Execution activity) with SIs according to the process described in the table below.

Equity Derivatives (Swaps and other equity derivatives)					
Notification if < 1 average trade per business day in the previous year	yes				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	100%	100%	0%	100%	0%
Néant					
Néant					
Néant					
Néant					
The counterparty was used to execute orders placed on specific strategies with previously negotiated costs.					

11. COMMODITIES DERIVATIVES AND EMISSION ALLOWANCES DERIVATIVES – FUTURES AND OPTIONS ADMITTED ON A TRADING VENUE

LYXOR INTERMEDIATION is not a member of any regulated market. The orders on future contracts are thus transmitted to broker entities (Reception and Transmission of Orders activity) which select the venues on which the orders are executed. LYXOR INTERMEDIATION selects the brokers according to the process described in the table below.

Commodities derivatives - Options and Futures admitted to trading on a trading venue					
Notification if < 1 average trade per business day in the previous year	No				
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
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	67%	38%	0%	100%	0%
DEUTSCHE BANK AKTIENGESELLSCHAFT (7LTFWZYICNSX8D621K86)	20%	51%	0%	100%	0%
GFI SECURITIES LIMITED (GUNTJCA81C7IHNBGI392)	13%	11%	0%	100%	0%
SG Americas Securities LLC (549300F35UE0BOM1WJ55)	0%	0%	0%	100%	0%
Néant					
<p>- Société Générale, SG Americas Securities and Deutsche Bank were selected on the basis of the DMA services they provide, which strengthens the safety of the order execution process. The rapidity of execution together with the low level of fees are two other selection factors.</p> <p>- GFI Securities was selected mainly because this entity offers specific trading facilities and on the basis of the level of fees charged.</p>					

12. EXCHANGE TRADED PRODUCTS

Orders received on ETFs are executed by way of two different channels according to the type or the size of the orders: LYXOR INTERMEDIATION executes the order directly on MTFs mostly when the size or the liquidity observed on the market are large (see the first table below for details). Otherwise, LYXOR INTERMEDIATION transmits the order to brokers or liquidity providers mainly when the orders are to be executed on specific target fixing point or when the size of the order is small (see the table below for details).

LYXOR INTERMEDIATION keeps increasing the share of its execution activity on exchange traded products made on execution platform according to an open architecture model, which allows the execution at the best price available at the time when the order is placed on the platform.

Exchange Traded Products					
Notification if < 1 average trade per business day in the previous year	No				
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
Tradeweb EU B.V. (724500D4BFEWKWVC1G62)	49%	89%	0%	100%	0%
SOCIETE GENERALE (O2RNE8IBXP4R0TD8PU41)	34%	8%	41%	59%	0%
MORGAN STANLEY EUROPE SE (54930056FHWP7GIWYY08)	5%	0%	100%	0%	0%
JANE STREET FINANCIAL LIMITED (549300ZHEHX8M31RP142)	4%	0%	100%	0%	0%
OPTIVER VOF (7245009KRY SAYB2QCC29)	3%	0%	100%	0%	0%
<p>- Tradeweb EU BV offers safety in the execution of orders in an open architecture model and transparency in the market prices. The platform is also used by a large number of liquidity providers for orders executed via the Rfq process. The Rfq process is an important factor in the best execution processes.</p> <p>- The other counterparties or liquidity providers were selected for the liquidity provided, the capacity to execute rapidly and in full, large size orders and to trade with negotiated fees. Settlement quality is another selection factor.</p>					