

### MONTHLY STATISTICS: February 2023

#### SUMMARY

Market Share		5.58%	
	VALUE TRADED	ADV	% CHANGE OF ADV
<b>Total Value Traded:</b>	€ 51,984,305,393	€ 2,599,215,270	9%
<b>Auction on Demand:</b>	€ 4,725,494,305	€ 236,274,715	44%
<b>Aquis Matching Pool:</b>	€ 7,242,454,968	€ 362,122,748	11%
<b>Market at Close:</b>	€ 10,613,314,537	€ 530,665,727	-9%
<b>Benchmark Cross:</b>	€ 576,610,091	€ 28,830,505	-14%

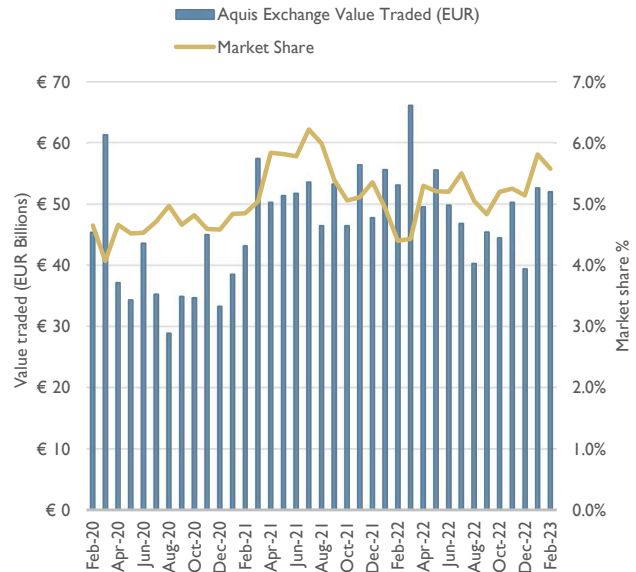
#### MONTHLY TOP STOCKS BY MARKET SHARE

STOCK	UMTF	MARKET SHARE
Wise Plc	WISEI	16.54%
Ebro Foods S.A	EBROe	15.56%
Vienna Insurance Group	VIGv	14.08%
Lotus Bakeries	LOTBb	13.04%
Semperit AG Holding	SEMr	12.88%
ERG Eolica Campania S.p.A	ERGM	12.56%
Italgas S.p.A	IGM	12.41%
Interpump Group Spa	IPM	12.27%
Compania De Distribucion Integral	LOGe	11.37%
Brembo Spa	BREm	11.18%

#### MONTHLY TOP STOCKS BY VALUE TRADED

STOCK	UMTF	VALUE TRADED	MARKET SHARE
Roche Holding AG	ROGz	€ 570,657,155	5.15%
Unicredit Spa	UCGM	€ 560,253,994	5.49%
BP plc	BPI	€ 512,846,685	4.89%
ASML Holding NV	ASMLa	€ 511,863,475	3.82%
Lvmh Moet Hennessy Vuitton SE	MCP	€ 421,448,677	4.26%
Intesa Sanpaolo Spa	ISPM	€ 409,160,969	4.33%
Nestle SA	NESNz	€ 407,124,736	4.08%
Shell Plc	SHELLa	€ 402,775,451	4.52%
Shell Plc	SHELL	€ 381,653,249	5.67%
Adyen NV	ADYENa	€ 367,852,622	5.45%
Novo Nordisk	NOVOBc	€ 366,015,611	9.57%
TotalEnergies SE	TTEP	€ 364,043,183	3.72%
Astrazeneca plc	AZNI	€ 350,729,923	5.38%
Siemens AG	SIED	€ 301,727,639	4.13%
Glencore plc	GLEN	€ 292,088,824	4.61%


#### VALUE TRADED PER MONTH





#### TRADING BY MARKET


MARKET	VALUE TRADED	MARKET SHARE
London	€ 9,471,117,020	6.05%
Frankfurt	€ 8,585,563,220	5.43%
Paris	€ 8,385,277,920	5.33%
Zurich	€ 5,278,893,120	5.56%
Milan	€ 5,094,109,380	6.24%
Amsterdam	€ 4,382,182,860	5.12%
Stockholm	€ 2,948,615,360	4.94%
Madrid	€ 2,413,298,080	6.40%
Copenhagen	€ 1,767,543,780	5.58%
Oslo	€ 962,644,200	4.90%
Helsinki	€ 924,594,260	5.50%
Brussels	€ 654,821,620	5.91%
Vienna	€ 312,112,740	6.89%
Lisbon	€ 263,185,500	6.04%
Dublin	€ 222,990,720	3.22%

## MONTHLY TOP 5 SECURITIES BY MARKET SHARE PER MARKET


 LONDON TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Wise Plc	WISEI	16.54%
Ocado Group Plc	OCDOI	10.35%
B&M European Value Retail	BMEI	10.20%
Coca Cola HBC AG	EEEI	8.87%
Howden Joinery Group Plc	HWDNI	8.76%


 FRANKFURT TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Knorr-Bremse AG	KBXd	8.18%
Evonik Industries AG	EVKd	6.82%
Qiagen NV	QGENd	6.55%
Pfizer Inc	PFE	6.39%
Sartorius AG	SRT3d	6.13%

 MILAN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
ERG Eolica Campania S.p.A	ERGm	12.56%
Italgas S.p.A	IGm	12.41%
Interpump Group Spa	IPm	12.27%
Brembo Spa	BREm	11.18%
Buzzi Unicem Spa	BZUm	11.01%


 PARIS TOP STOCKS		
STOCK	UMTF	MARKET SHARE
ST Microelectronics	STMp	5.84%
Bolloré	BOLp	5.69%
Aéroports de Paris SA	ADPp	5.43%
Eurofins Scientific S.E.	ERFp	4.83%
Vinci	DGP	4.69%


 AMSTERDAM TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Heineken Holdings	HEIOa	8.31%
Universal Music Group N.V.	UMGa	6.03%
Heineken N.V.	HEIAa	5.49%
Adyen NV	ADYENa	5.45%
Just Eat Takeaway.com N.V.	TKWYa	4.80%

 MADRID TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Ebro Foods S.A	EBROe	15.56%
Compania De Distribucion	LOGe	11.37%
Mapfre Sociedad Anonima	MAPe	11.11%
Vidrala S.A.	VIDe	10.63%
Laboratorios Farmaceuticos	ROVle	10.15%


 ZURICH TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Lonza Group AG	LONNz	6.04%
LafargeHolcim Ltd	HOLNz	5.66%
Roche Holding AG	ROGz	5.15%
Geberit AG	GEBNz	5.12%
Sika AG	SIKaz	5.11%


 OSLO TOP STOCKS		
STOCK	UMTF	MARKET SHARE
SpareBank 1 SR-Bank ASA	SRBNKo	8.79%
Schibsted ASA	SCHBo	6.93%
Leroy Seafood Group	LSGo	6.12%
Elkem ASA	ELKo	5.89%
Tomra Systems ASA	TOMo	5.42%


 COPENHAGEN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Chr. Hansen Holding	CHRC	7.40%
Ringkjøbing Landbobank	RILBAc	6.88%
H. Lundbeck AS	HLUNBc	6.24%
ALK-Abello AS	ALKBc	5.75%
Pandora A/S	PNDORc	5.54%


 STOCKHOLM TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Svenska Handelsbanken	SHBAs	5.57%
Epiroc AB	EPIAs	5.32%
Swedbank AB	SWEDAs	5.11%
SKF AB	SKFBs	5.10%
Sandvik AB	SANDs	4.87%

 HELSINKI TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Sanoma Corporation	SAAIvH	7.65%
Qt Group Plc	QTCOMh	7.52%
Cargotec Corporation	CGCBVh	6.76%
Kemira Oyj	KEMIRh	6.71%
TietoEVRY Corporation	TIETOh	6.63%

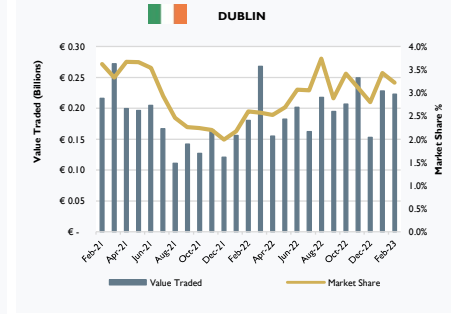
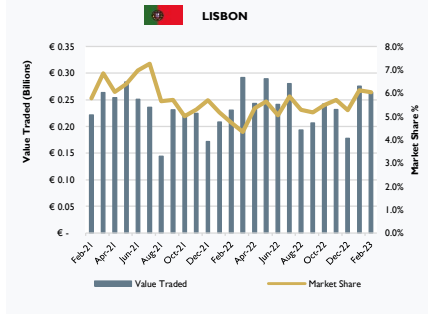
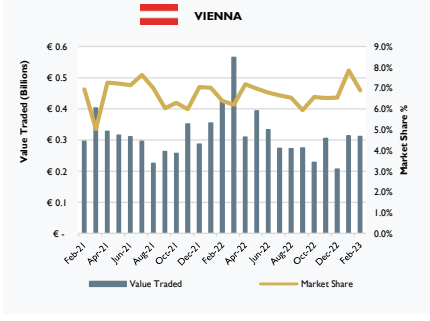
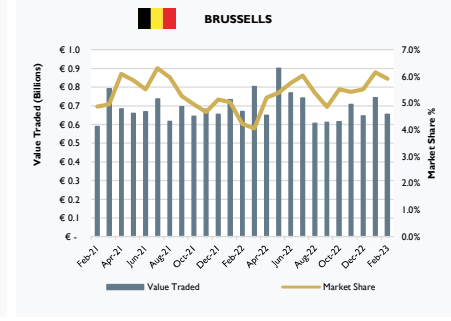
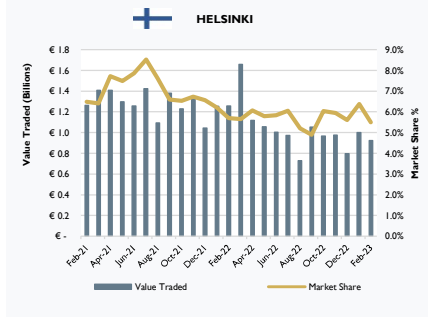
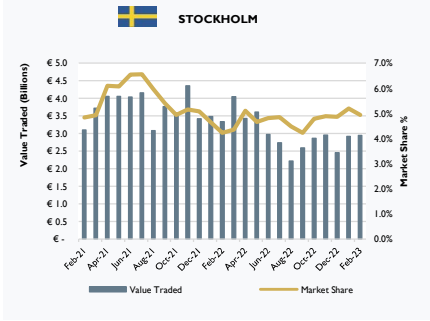
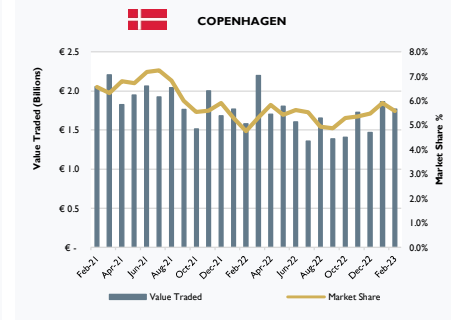
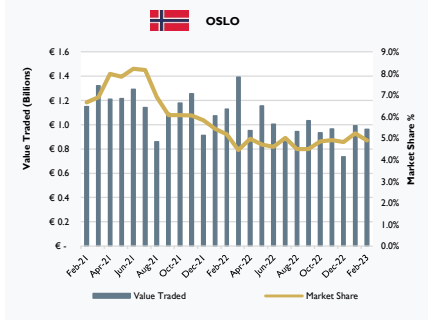
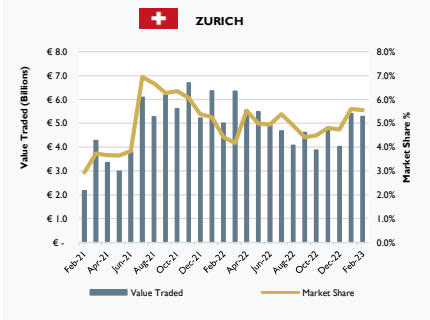
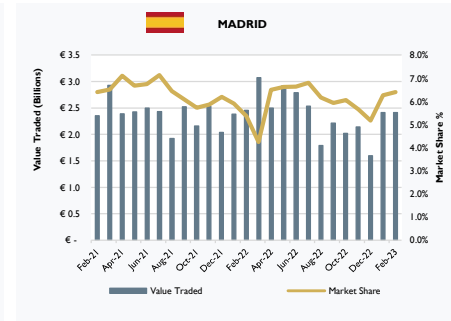
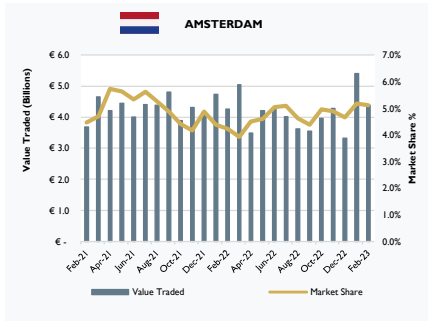
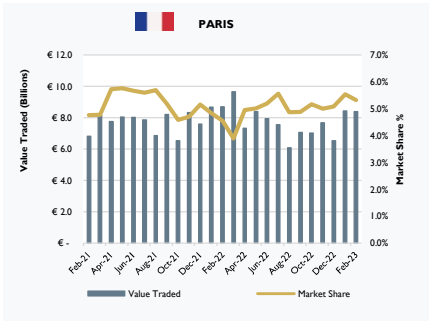
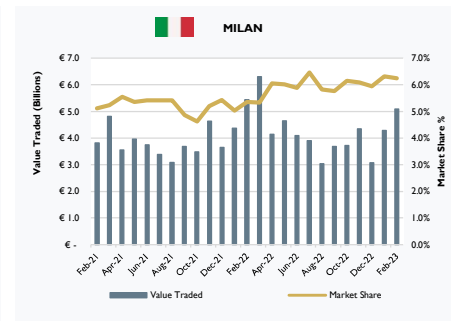
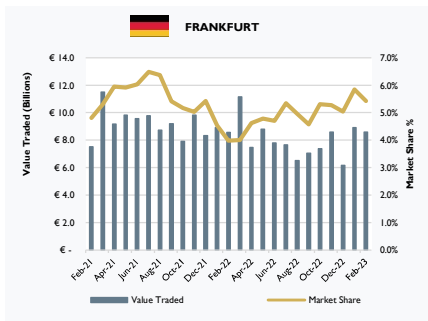
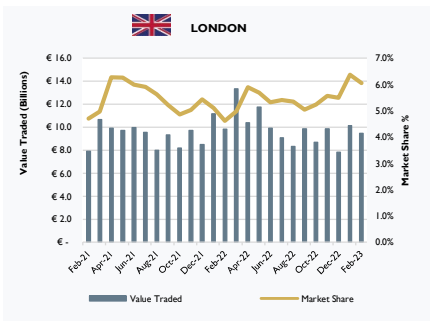
 BRUSSELS TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Lotus Bakeries	LOTBb	13.04%
Euronav NV	EURNb	9.25%
Warehousing & Distribution	WDPb	7.58%
Ackermans & Van Haaren	ACKBb	7.48%
Elia System Operator S.A. N.V.	ELIb	6.77%

 VIENNA TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Vienna Insurance Group	VIGv	14.08%
Semperit AG Holding	SEMv	12.88%
Uniq Insurance Group AG	UQAv	10.67%
Palfinger AG	PALv	10.08%
Wienerberger AG	WIEv	8.29%

 LISBON TOP STOCKS		
STOCK	UMTF	MARKET SHARE
CTT Correios De Portugal SA	CTTu	10.38%
Corticeira Amorim - S.G.P.S.	CORu	9.79%
Greenvolt - Energias Renovaveis	GVOLTu	7.37%
Altri Sgpps S.A.	ALTRu	6.32%
EDP Renovaveis S.A.	EDPRu	6.10%

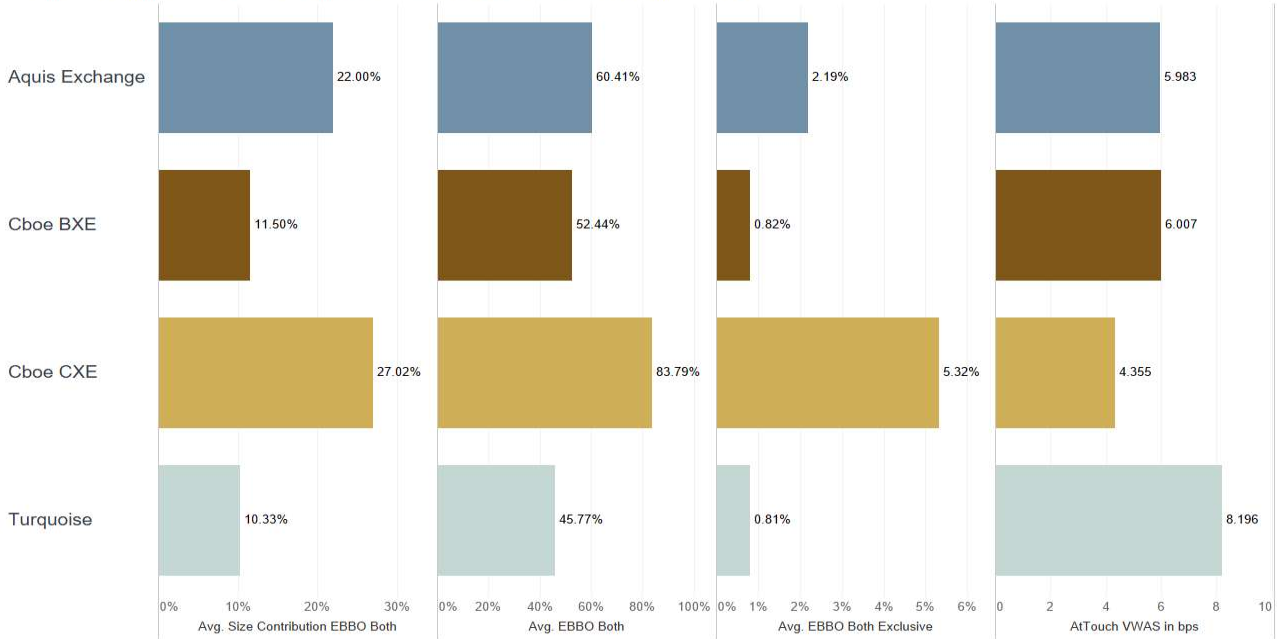
 DUBLIN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Glenveagh Properties Plc	GVRi	12.09%
Irish Continental Group Plc	IR5Bi	11.64%
Irish Residential Properties	IRESi	8.96%
Cairn Homes Plc	C5Hi	8.92%
Dalata Hotel Group Plc	DHGi	8.49%

### HISTORICAL MARKET SHARE AND VOLUME PER MARKET



## QUALITY OF AVAILABLE LIQUIDITY PER VENUE

### Average Size Contribution vs Average Liquidity at Touch vs Presence for the UK 100 and Swiss 20



### Average Size Contribution vs Average Liquidity at Touch vs Presence for European Indices



#### Big xyt definitions:

- **Size contribution EBBO both** Ratio between the cumulative bid and ask sizes at a given exchange and the cumulative EBB and EBO sizes (contribution of BO size at a given exchange to overall EBBO size). Bid has to be equal to the EBB and ask equal to the EBO. For daily aggregation the ratio is weighed by time.
- **Presence EBBO Both** % calculates the percentage of time (in millisecond resolution) that particular exchange has both bid and ask not worse than corresponding products/exchanges in the relation to time period that combined bid and ask across all exchanges (EBBO) exists.
- **Presence EBBO Both Exclusive** % calculates the percentage of time period (in millisecond resolution) that a particular exchange has both bid and ask not worse than corresponding products/exchanges and additionally either bid or ask is on the best level. Metric is calculated in the relation to the time period that combined bid and ask across all exchanges (EBBO) exists.
- **Spread at Touch** calculates the observed bid-offer spread of every single quote (BBO). This spread is a relative measure in relation to the mid price expressed in basis points (0.01%).

