

# MONTHLY STATISTICS: March 2023

## SUMMARY

Market Share					4.52%
	VALUE TRADED	ADV	% CHANGE OF ADV		
<b>Total Value Traded:</b>	€ 52,151,267,339	€ 2,267,446,406	-13%		
<b>Auction on Demand:</b>	€ 4,627,544,125	€ 201,197,571	-15%		
<b>Aquis Matching Pool:</b>	€ 8,600,618,930	€ 373,939,953	3%		
<b>Market at Close:</b>	€ 5,533,240,551	€ 240,575,676	-55%		
<b>Benchmark Cross:</b>	€ 749,945,557	€ 32,606,329	13%		

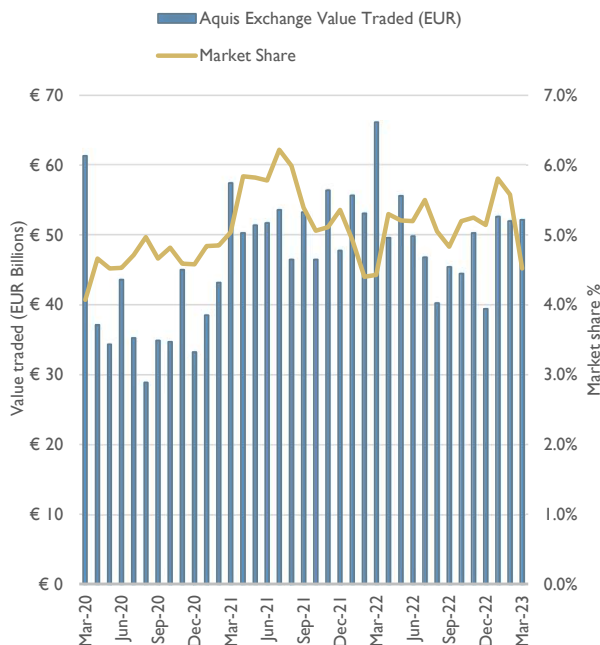
## MONTHLY TOP STOCKS BY MARKET SHARE

STOCK	UMTF	MARKET SHARE
Ebro Foods S.A	EBROe	13.91%
Infrastructure Wireless Italiana S.p.A	INWm	12.91%
ERG Eolica Campania S.p.A	ERGm	12.76%
Buzzi Unicem Spa	BZUm	11.74%
Palfinger AG	PALv	11.64%
Laboratorios Farmaceuticos Rovi S.L	ROVle	11.48%
CTT Correios De Portugal SA	CTTu	11.15%
Unicaja Banco S.A.	UNle	10.54%
Compania De Distribucion Integral	LOGe	10.34%
Brembo Spa	BREm	10.27%

## MONTHLY TOP STOCKS BY VALUE TRADED

STOCK	UMTF	VALUE TRADED	MARKET SHARE
BNP Paribas	BNPp	€ 836,034,576	5.69%
Unicredit Spa	UCGm	€ 747,870,484	6.44%
UBS Group AG	UBSGz	€ 715,832,637	5.36%
Shell Plc	SHELLa	€ 640,444,750	5.67%
Nestle SA	NESNz	€ 637,713,487	4.83%
ASML Holding NV	ASMLa	€ 611,565,536	3.76%
Shell Plc	SHELLi	€ 583,993,914	6.10%
Lvmh Moet Hennessy Vuitton SE	MCp	€ 534,454,582	4.00%
TotalEnergies SE	TTEp	€ 532,885,590	4.30%
Roche Holding AG	ROGz	€ 527,726,878	4.22%
Novo Nordisk	NOVOBc	€ 523,778,434	12.52%
BP plc	BPI	€ 482,891,103	11.33%
Novartis AG	NOVNz	€ 455,544,214	3.44%
Intesa Sanpaolo Spa	ISPM	€ 432,116,427	3.68%
ING Groep N.V.	INGAa	€ 416,428,619	4.20%


## VALUE TRADED PER MONTH





## TRADING BY MARKET


MARKET	VALUE TRADED	MARKET SHARE
London	€ 9,778,242,425	4.99%
Frankfurt	€ 8,260,209,305	4.28%
Paris	€ 8,143,513,929	4.16%
Zurich	€ 5,624,685,673	4.23%
Milan	€ 5,389,623,718	5.80%
Amsterdam	€ 4,236,694,415	4.12%
Stockholm	€ 2,665,066,258	4.00%
Madrid	€ 2,654,658,505	5.13%
Copenhagen	€ 1,735,163,286	4.97%
Oslo	€ 827,772,990	3.97%
Helsinki	€ 795,222,309	3.99%
Brussels	€ 727,376,955	4.45%
Vienna	€ 325,684,278	5.37%
Lisbon	€ 298,044,511	5.27%
Dublin	€ 296,408,360	3.15%


## MONTHLY TOP 5 SECURITIES BY MARKET SHARE PER MARKET


 LONDON TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Ocado Group Plc	OCDOI	10.11%
Wise Plc	WISEI	8.63%
Hiscox Ltd	HSXI	7.98%
Fresnillo Plc	FRESI	7.83%
Weir Group plc	WEIRI	7.59%


 FRANKFURT TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Brenntag AG	BNRd	8.46%
Qiagen NV	QGENd	8.19%
Dr. Ing. h.c. F. Porsche AG	P91Id	6.54%
Knorr-Bremse AG	KBXd	6.50%
Beiersdorf AG	BEId	6.20%


 MILAN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Infrastructure Wireless Italiana	INWm	12.91%
ERG Eolica Campania S.p.A	ERGm	12.76%
Buzzi Unicem Spa	BZUm	11.74%
Brembo Spa	BREm	10.27%
Diasorin S.p.A.	DIAm	9.97%


 PARIS TOP STOCKS		
STOCK	UMTF	MARKET SHARE
ST Microelectronics	STMp	7.16%
Bolloré.	BOLp	6.71%
BNP Paribas	BNPp	5.69%
Eurofins Scientific S.E.	ERFp	5.61%
Dassault Aviation	AMp	5.53%


 AMSTERDAM TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Heineken Holdings	HEIOa	9.47%
Universal Music Group N.V.	UMGa	5.46%
OCI N.V.	OCla	5.24%
Heineken N.V.	HEIAa	4.52%
Randstad NV	RANDa	4.39%


 MADRID TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Ebro Foods S.A	EBROe	13.91%
Laboratorios Farmaceuticos	ROVle	11.48%
Unicaja Banco S.A.	UNle	10.54%
Compania De Distribucion	LOGe	10.34%
Vidrala S.A.	VIDe	9.68%


 ZURICH TOP STOCKS		
STOCK	UMTF	MARKET SHARE
UBS Group AG	UBSGz	5.36%
Nestlé SA	NESNz	4.83%
Geberit AG	GEBNz	4.48%
Compagnie financière Richemont	CFRz	4.43%
LafargeHolcim Ltd	HOLNz	4.42%


 OSLO TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Schibsted ASA	SCHBo	7.26%
SpareBank 1 SR-Bank ASA	SRBNko	6.56%
Tomra Systems ASA	TOMo	6.10%
TGS ASA	TGSo	5.61%
Leroy Seafood Group	LSGo	5.58%


 COPENHAGEN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Novo Nordisk	NOVOBc	12.52%
Chr. Hansen Holding	CHRc	8.54%
Vestas Wind Systems AS	VWSc	5.61%
Novozymes AS	NZYBc	5.55%
Sydbank	SYDBc	5.36%


 STOCKHOLM TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Epiroc AB	EPIAs	4.90%
Volvo AB	VOLVBs	4.81%
Assa Abloy AB	ASSABs	4.68%
Sandvik AB	SANDs	4.64%
SKF AB	SKFBs	4.61%

 HELSINKI TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Sanoma Corporation	SAAIvh	9.50%
Fiskars Oyj Abp	FSKRSh	7.05%
Qt Group Plc	QTCOMh	6.92%
TietoEVRY Corporation	TIETOh	6.16%
Kemira Oyj	KEMIRh	5.95%

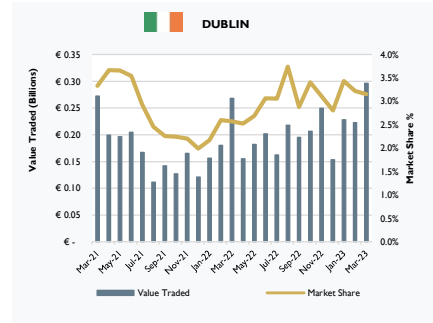
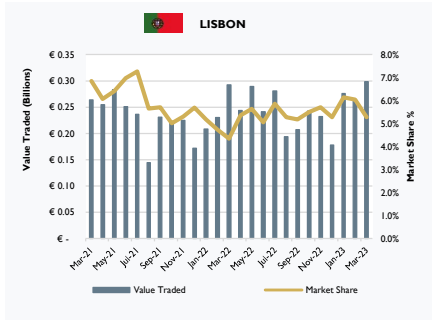
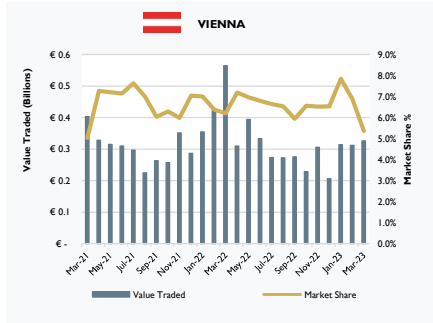
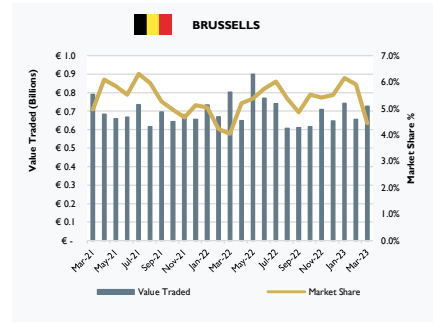
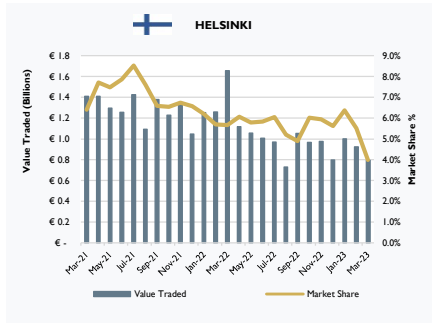
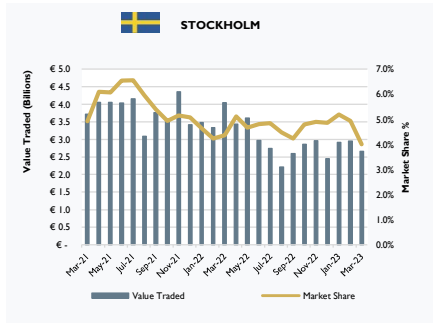
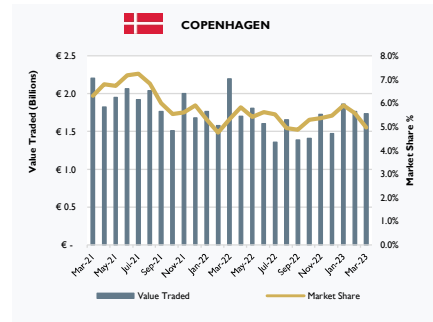
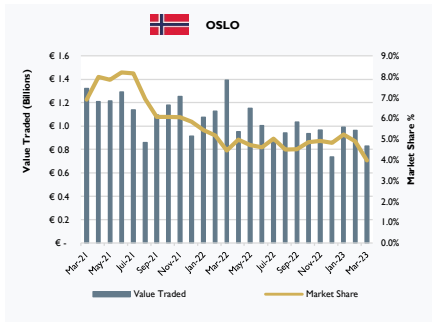
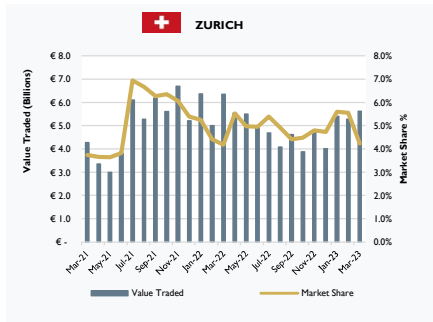
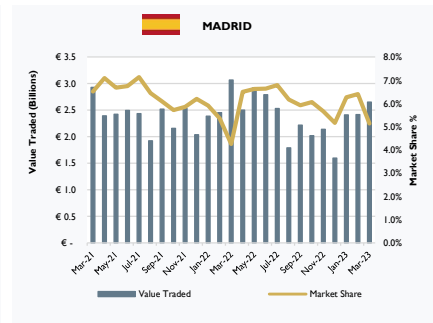
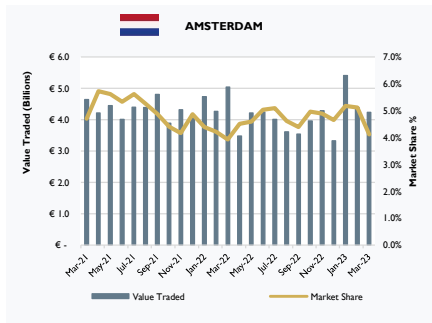
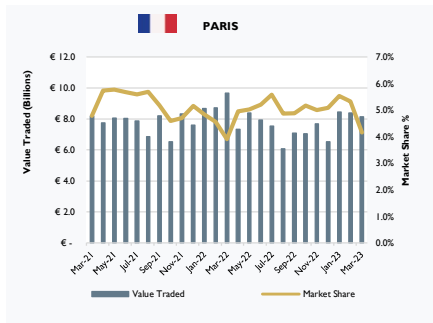
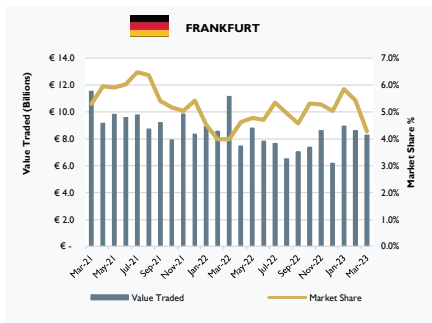
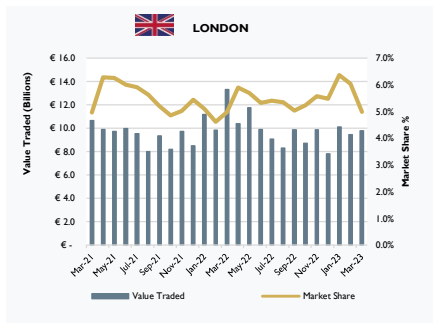
 BRUSSELS TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Lotus Bakeries	LOTBb	9.38%
Euronav NV	EURNb	8.17%
Ackermans & Van Haaren	ACKBb	7.56%
Elia System Operator S.A. N.V.	ELIb	7.50%
Warehousing & Distribution	WDPb	6.75%

 VIENNA TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Palfinger AG	PALv	11.64%
Vienna Insurance Group	VIGv	10.56%
Wienerberger AG	WIEv	9.80%
Uniqi Insurance Group AG	UQAv	9.29%
Semperit AG Holding	SEMV	8.15%

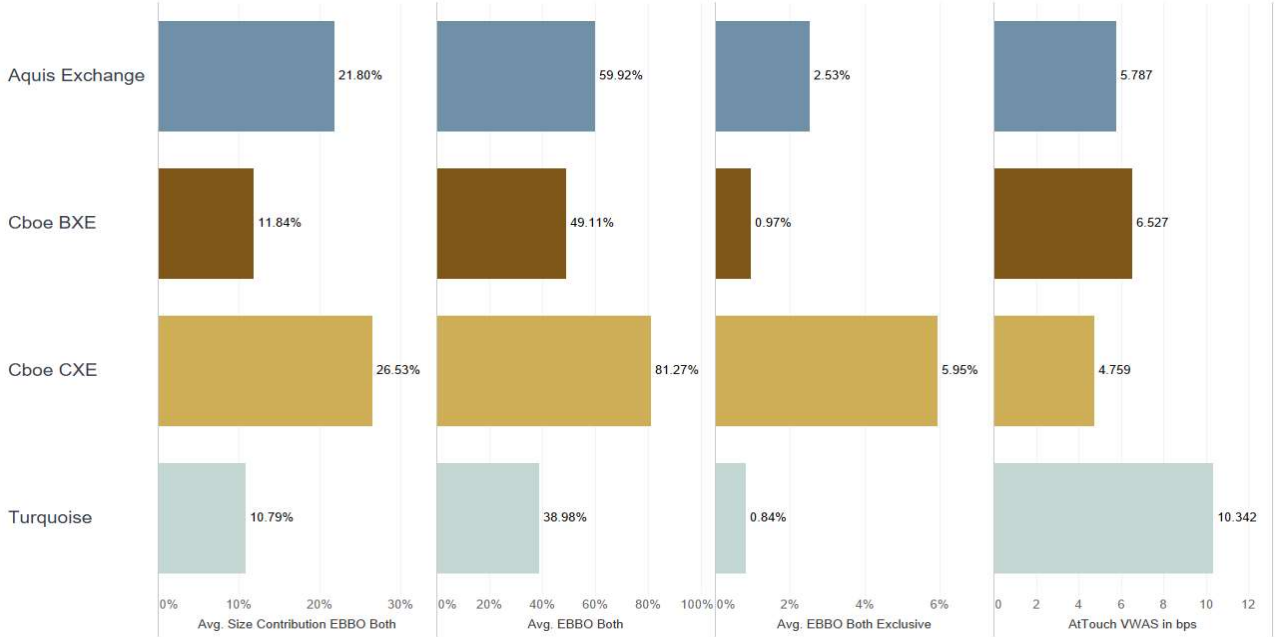
 LISBON TOP STOCKS		
STOCK	UMTF	MARKET SHARE
CTT Correios De Portugal SA	CTTu	11.15%
Greenvolt - Energias Renovaveis	GVOLTu	9.41%
Corticeira Amorim - S.G.P.S.	CORu	9.34%
Redes Energeticas Nacionais	RENEu	7.87%
EDP Renovaveis S.A.	EDPRu	6.84%

 DUBLIN TOP STOCKS		
STOCK	UMTF	MARKET SHARE
Glenveagh Properties Plc	GVRi	10.23%
Irish Residential Properties	IRESi	9.61%
Cairn Homes Plc	C5Hi	7.90%
Dalata Hotel Group Plc	DHGi	6.61%
Kerry Group Plc	KRZi	3.29%

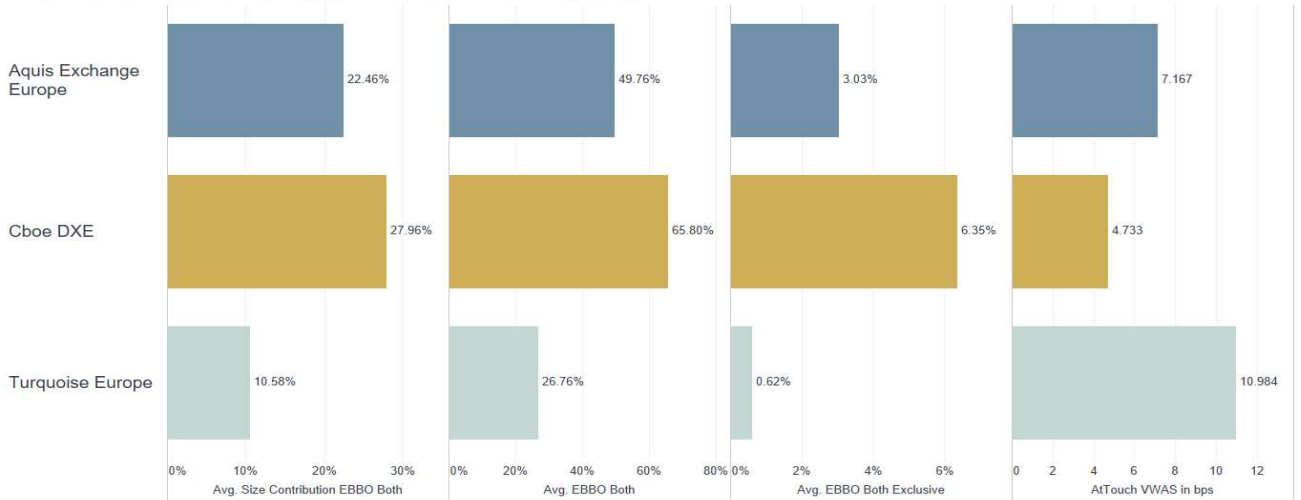
## HISTORICAL MARKET SHARE AND VOLUME PER MARKET



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%).

