

MONTHLY STATISTICS: MAY 2022

SUMMARY

	VALUE TRADED	ADV	% CHANGE OF ADV
Market Share			5.21%
Total Value Traded:	€ 55,575,610,335	€ 2,507,322,224	-4%
Auction on Demand:	€ 527,246,494	€ 23,965,750	23%
Aquis Matching Pool:	€ 6,082,853,546	€ 276,493,343	0%
Market at Close:	€ 13,566,144,426	€ 616,642,928	2%
Benchmark Cross:	€ 694,184,343	€ 31,553,834	-2%

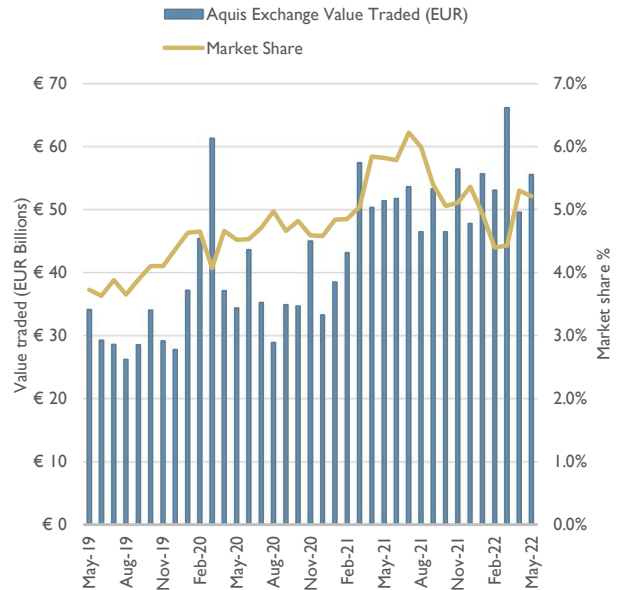
MONTHLY TOP STOCKS BY MARKET SHARE

STOCK	UMTF	MARKET SHARE
Catalana Occidente	GCOe	17.17%
Laboratorios Farmaceuticos S.A.	ROVle	16.74%
Immofinanz AG	IIAv	13.68%
Corporacion Financiera Alba	ALBe	11.92%
Vidrala S.A.	VIDe	11.62%
Interpump Group Spa	IPm	11.46%
S IMMO AG	SPIv	11.22%
Fresnillo Plc	FRESI	11.01%
Cie Automotive	CIEe	10.85%
Oesterreichische Post AG	POSTv	10.78%

MONTHLY TOP STOCKS BY VALUE TRADED

STOCK	UMTF	VALUE TRADED	MARKET SHARE
Roche Holding AG	ROGz	€ 807,826,010	6.02%
ASML Holding NV	ASMLa	€ 778,928,453	5.30%
TotalEnergies SE	TTEp	€ 751,825,765	6.17%
Nestle SA	NESNz	€ 721,912,478	5.61%
Lvmh Moet Hennessy Vuitton SE	MCPp	€ 592,447,011	5.70%
Sanofi	SANp	€ 551,311,008	6.73%
Unicredit Spa	UCGm	€ 462,771,160	6.39%
Astrazeneca plc	AZNI	€ 442,996,754	5.92%
Glencore plc	GLENI	€ 425,846,036	7.06%
Intesa Sanpaolo Spa	ISPM	€ 415,493,232	6.73%
Novo Nordisk	NOVOBc	€ 415,178,080	5.80%
Prosus NV	PRXa	€ 382,638,382	7.80%
Shell Plc	SHELLa	€ 359,124,605	4.33%
L'Oreal	ORp	€ 350,788,269	5.79%
Novartis AG	NOVNz	€ 341,071,118	3.43%

VALUE TRADED PER MONTH



TRADING BY MARKET

MARKET	VALUE TRADED	MARKET SHARE
London	€ 11,740,690,498	5.69%
Frankfurt	€ 8,800,264,620	4.78%
Paris	€ 8,376,439,732	5.02%
Zurich	€ 5,500,218,196	4.97%
Milan	€ 4,651,336,501	6.63%
Amsterdam	€ 4,212,164,386	4.51%
Stockholm	€ 3,607,419,285	4.66%
Madrid	€ 2,918,249,138	6.63%
Copenhagen	€ 1,804,671,765	5.42%
Oslo	€ 1,154,096,906	4.70%
Helsinki	€ 1,055,843,944	5.79%
Brussels	€ 900,538,904	5.38%
Vienna	€ 393,764,562	6.97%
Lisbon	€ 289,196,476	5.64%
Dublin	€ 182,438,792	2.69%

MONTHLY TOP 5 SECURITIES BY MARKET SHARE PER MARKET

LONDON TOP STOCKS

STOCK	UMTF	MARKET SHARE
Fresnillo Plc	FRESI	11.01%
Hikma Pharmaceuticals Plc	HIKI	10.67%
Hargreaves Lansdown Plc	HLI	10.44%
Intermediate Capital Group	ICPI	10.05%
Wise Plc	WISEI	9.40%

FRANKFURT TOP STOCKS

STOCK	UMTF	MARKET SHARE
Zalando SE	ZALd	9.50%
Delivery Hero SE	DERd	7.25%
Fresenius SE & Co. KGaA	FREd	7.12%
Knorr-Bremse AG	KBXd	6.93%
Symrise AG	SYId	6.77%

MILAN TOP STOCKS

STOCK	UMTF	MARKET SHARE
Interpump Group Spa	IPm	11.46%
Banca Generali	BGNm	10.01%
Italgas S.p.A.	IGm	9.94%
Nexi S.p.A.	NEXIm	9.80%
Infrastructure Wireless Italiana	INWm	9.49%

PARIS TOP STOCKS

STOCK	UMTF	MARKET SHARE
Sanofi	SANp	6.73%
EssilorLuxottica	ELp	6.29%
Amundi	AMUNp	6.17%
Worldline	WLNp	5.96%
L'Oreal	ORp	5.79%

AMSTERDAM TOP STOCKS

STOCK	UMTF	MARKET SHARE
Heineken Holdings	HEIOa	7.99%
Prosus NV	PRXa	7.80%
Hal Trust	HALa	6.56%
Signify NV	LIGHTa	5.96%
ABN Amro Group N.V.	ABNa	5.76%

MADRID TOP STOCKS

STOCK	UMTF	MARKET SHARE
Catalana Occidente	GCOe	17.17%
Laboratorios Farmaceuticos S.A.	ROVle	16.74%
Corporacion Financiera Alba	ALBe	11.92%
Vidrala S.A.	VIDe	11.62%
Cie Automotive	CIeE	10.85%

ZURICH TOP STOCKS

STOCK	UMTF	MARKET SHARE
Straumann Holding AG	STMNz	6.58%
Roche Holding AG	ROGz	6.02%
Compagnie financiere Richemont Sr	CFRz	5.62%
Nestle SA	NESNz	5.61%
Zurich Insurance Group AG Ltd	ZURNz	5.45%

OSLO TOP STOCKS

STOCK	UMTF	MARKET SHARE
Aker BP ASA	AKRBPo	7.48%
Gjensidige Forsikring ASA	GJFo	7.40%
Austevoll Seafood Asa	AUSSo	6.93%
Telenor ASA	TELo	6.52%
Leroy Seafood Group	LSGo	6.46%

COPENHAGEN TOP STOCKS

STOCK	UMTF	MARKET SHARE
Orsted A/S	ORSTEc	6.79%
Vestas Wind Systems AS	VWSc	6.48%
Novozymes AS	NZYMBc	6.34%
Pandora A/S	PNDORc	5.98%
Novo Nordisk	NOVOBc	5.80%

STOCKHOLM TOP STOCKS

STOCK	UMTF	MARKET SHARE
Essity Aktiebolag (publ)	ESSIBs	7.28%
Swedbank AB	SWEDAs	6.97%
Skandinaviska Enskilda Banken	SEBAs	6.55%
Assa Abloy AB	ASSABs	6.28%
Epiroc AB	EPIAs	6.23%

HELSINKI TOP STOCKS

STOCK	UMTF	MARKET SHARE
Sanoma Corporation	SAAIvH	10.31%
Kemira Oyj	KEMIRh	8.23%
Sampo Plc	SAMPOh	7.76%
Wartsila Oyj Abp	WRTIvH	6.80%
Cargotec Corporation	CGCBvH	6.49%

BRUSSELS TOP STOCKS

STOCK	UMTF	MARKET SHARE
Warehousing & Distribution	WDPb	6.76%
Cofinimmo	COFBb	6.69%
VGP N.V.	VGPb	6.47%
Colruyt	COLRb	6.02%
Umicore	UMIb	5.98%

VIENNA TOP STOCKS

STOCK	UMTF	MARKET SHARE
Immofinanz AG	IIAv	13.68%
S IMMO AG	SPIv	11.22%
Oesterreichische Post AG	POSTv	10.78%
CA Immobilien Anlagen AG	CAIv	8.70%
OMV AG	OMVv	8.01%

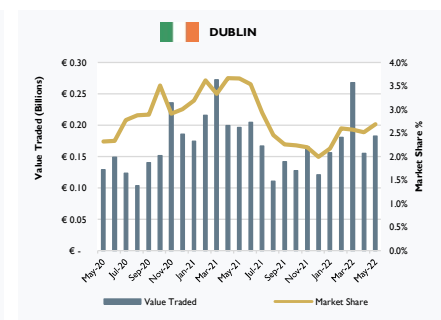
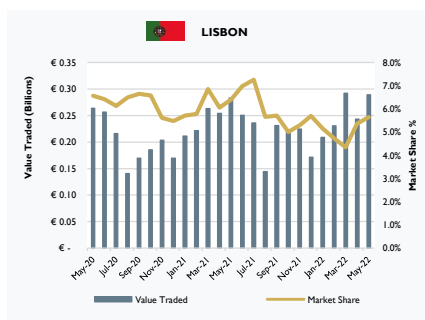
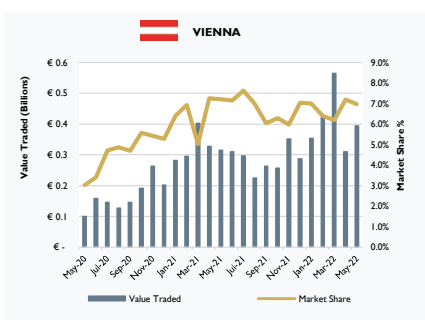
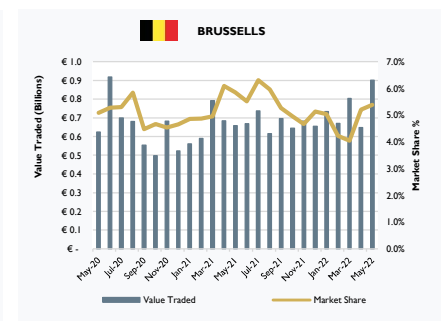
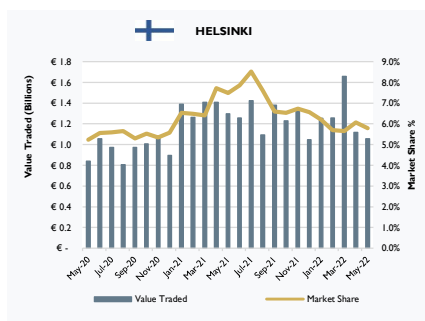
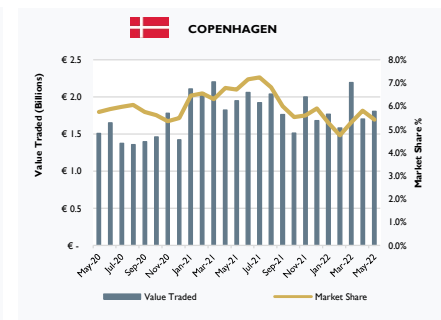
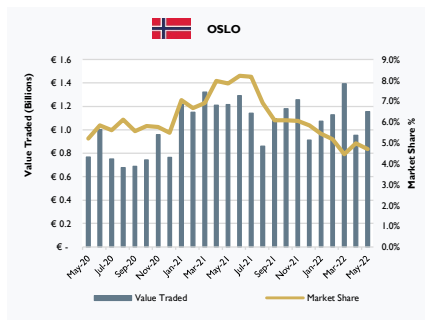
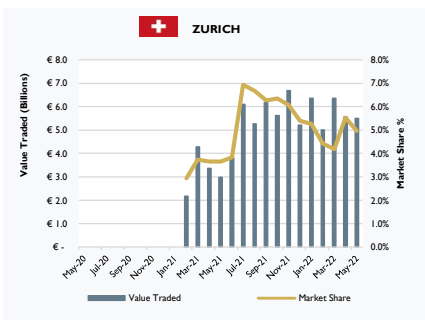
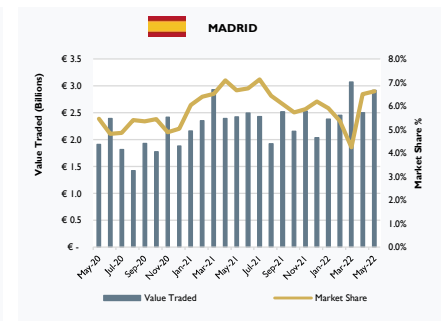
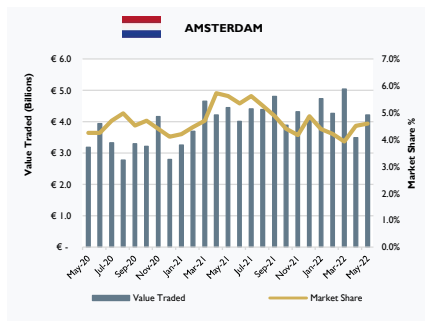
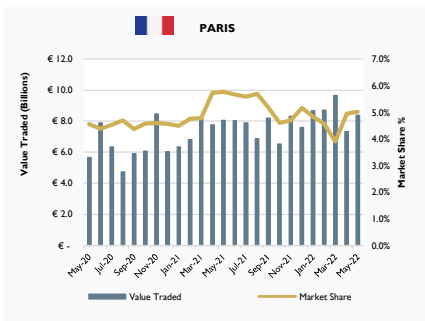
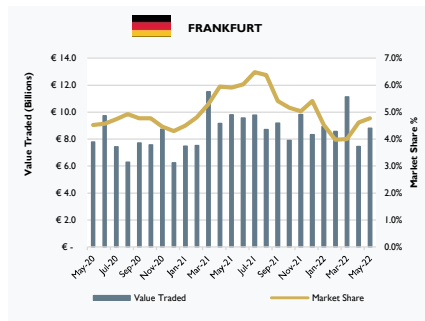
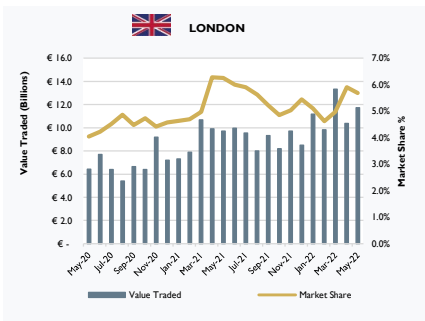
LISBON TOP STOCKS

STOCK	UMTF	MARKET SHARE
Corticeira Amorim - S.G.P.S.	CORu	12.09%
Ibersol - S.G.P.S., S.A.	IBSu	11.49%
Redes Energeticas Nacionais Sgps	RENEu	9.54%
Nos SGPS SA.	NOSu	9.03%
Jeronimo Martins - S.G.P.S.	JMTu	7.96%

DUBLIN TOP STOCKS

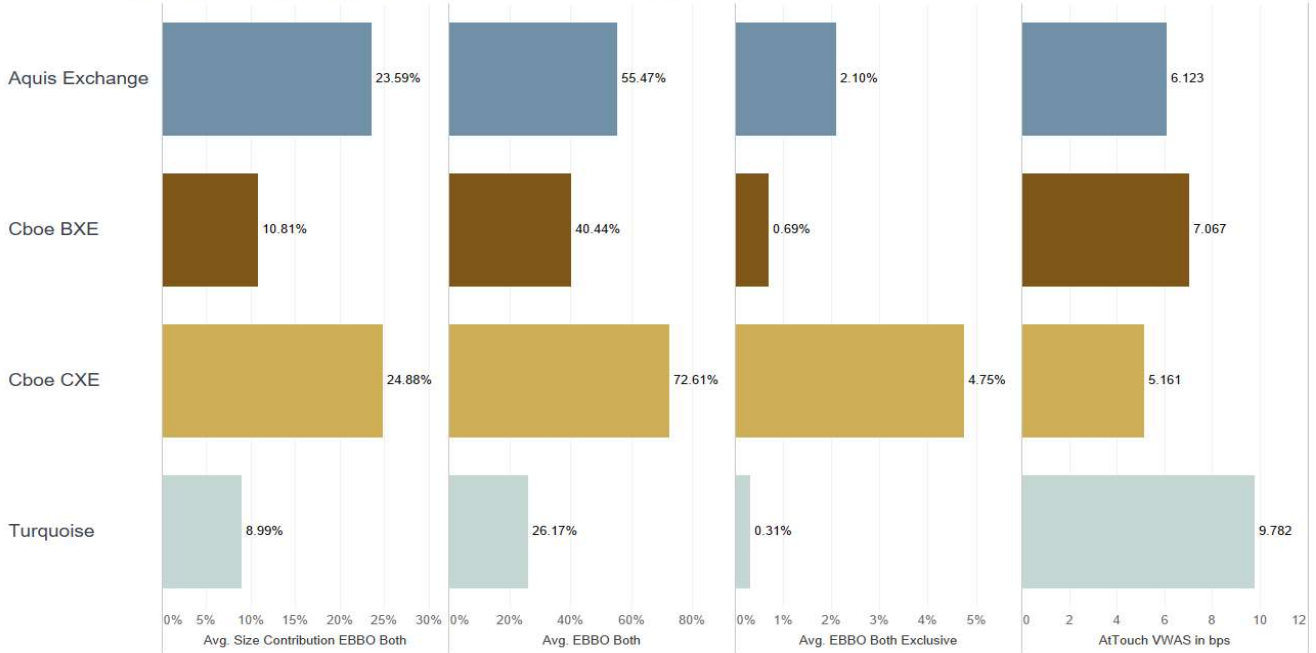
STOCK	UMTF	MARKET SHARE
Glenveagh Properties Plc	GVRi	6.05%
Irish Residential Properties Plc	IRESi	5.78%
AIB Group Plc	A5Gi	5.78%
Dalata Hotel Group Plc	DHGi	5.69%
Irish Continental Group Plc	IR5Bi	4.95%

HISTORICAL MARKET SHARE AND VOLUME PER MARKET

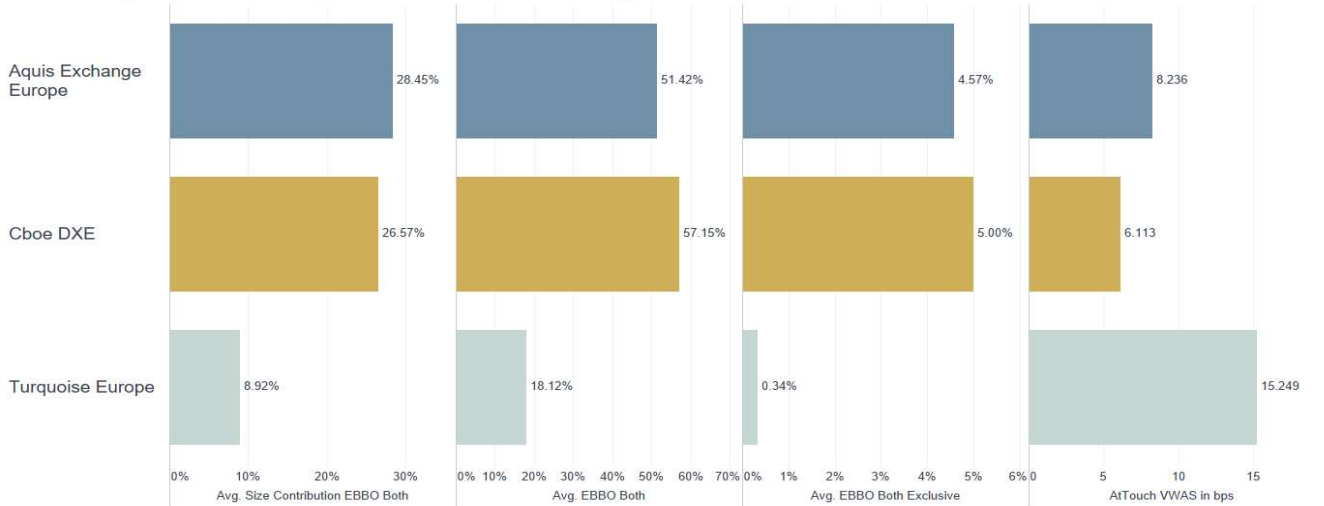


QUALITY OF AVAILABLE LIQUIDITY PER VENUE

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%).

