ES-35

Market Share Change Rank Venue Market Share 1 XMAD 67.13% +0.56CEUX 2 21.78% +0.093 AQEU 6.10% -0.39 4 TQEX 4.46% -0.09 5 BATE 0.40% -0.06 6 TROX -0.10 0.11%

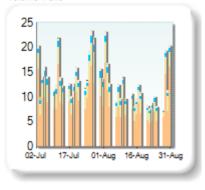
Volume Trend

CHIX

AQXE

7

8



0.01%

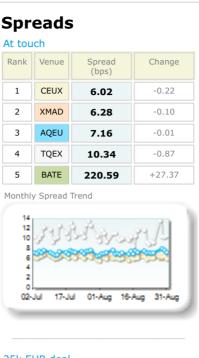
0.01%

0.00

+0.00

Market Share Trend

100 80 60 40 20 02-Jul 17-Jul 01-Aug 16-Aug 31-Aug



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	7.80	-0.06
2	CEUX	10.98	-0.59
3	AQEU	11.64	-0.24
4	TQEX	31.60	-2.56
5	BATE	353.06	+105.19
Monthly	y Spread	Trend	

25 20 10 02-Jul 17-Jul 01-Aug 16-Aug 31-Aug Current Period Comparison Period

Change

-5.0

-1.4

+0.5

-0.5

-1.0

+0.2

Change

+29.8

-0.8

-6.1

-1 1

-2.7

-2.1

-0.7

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

TRQX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

6

250 200

150 100

50

Rank

1

2

3

4

5

6

7

0

02-Jul

Venue

XMAD

CEUX

AQEU

TQEX

BATE

TRQX

CHIX

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

211.4

63.8

57.9

12.6

1.8

1.6

17-Jul 01-Aug 16-Aug 31-Aug

50BPS Depth (deeper into book)

Depth (1K EUR)

1,544.6

263.0

242.8

79.5

7.9

2.1

2.1

17-Jul 01-Aug 16-Aug 31-Aug

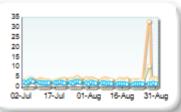
01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices

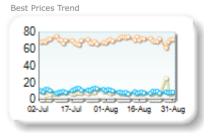
At touch

AL LUU	CIT		
Rank	Venue	Best Price (%)	Change
1	XMAD	4.79	+1.13
2	CEUX	3.18	+0.40
3	AQEU	1.58	-0.48
4	TQEX	0.81	+0.37
5	BATE	0.59	-0.04
6	TRQX	0.00	-0.06
7	CHIX	0.00	0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	70.46	+2.02
2	AQEU	8.83	-2.10
3	CEUX	8.45	+0.06
4	TQEX	0.31	-0.04
5	BATE	0.02	0.00
6	CHIX	0.00	+0.00
7	TRQX	0.00	0.00
8	AQXE	0.00	+0.00



Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week. Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

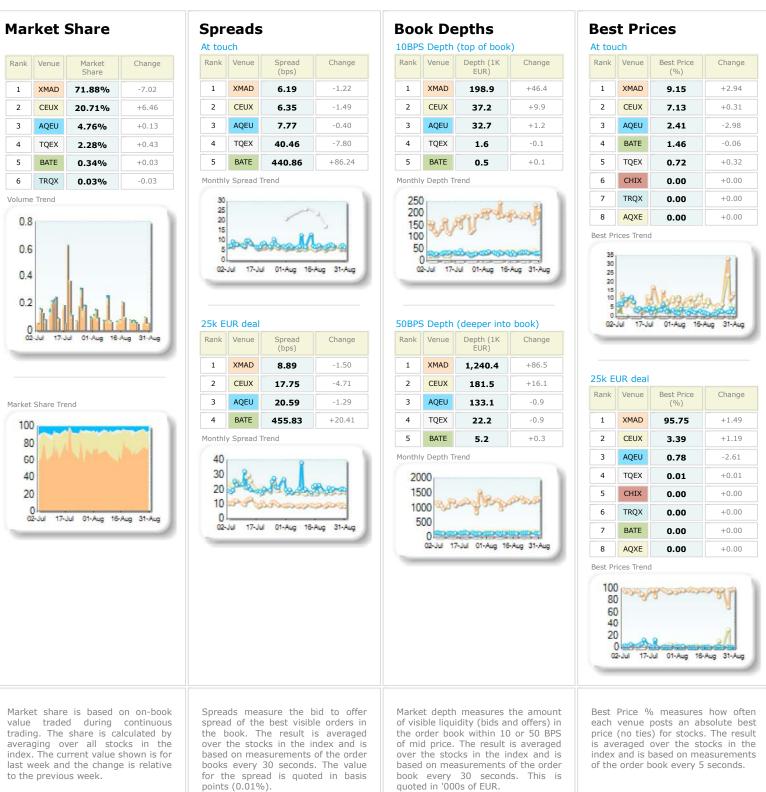
LiquidMetrix Battlemap for

ACS Actividades de Construccion y Servicios SA

,	,	Thadaco	de Cons		, -										
Mar	ket s	Share		Spr At tou	eads	;				epths (top of book	()	Bes At tou	t Pri	ces	
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	66.73%	+0.75	1	CEUX	6.54	+0.01	1	XMAD	223.0	-6.2	1	XMAD	4.38	-1.20
2	CEUX	21.37%	+0.89	2	XMAD	6.72	+0.10	2	AQEU	57.8	+0.2	2	CEUX	3.18	+0.92
3	AQEU	7.65%	-0.74	3	AQEU	7.00	-0.07	3	CEUX	38.2	-4.3	3	AQEU	1.97	+0.75
4	TQEX	3.81%	-0.67	4	TQEX	15.06	+3.51	4	TQEX	8.6	-5.4	4	BATE	0.73	-0.23
5	BATE	0.28%	-0.27	5	BATE	393.65	+50.33	5	BATE	0.7	0.0	5	TQEX	0.66	+0.29
6	TRQX	0.15%	+0.02	Monthly	y Spread 1	Frend	-	Monthl	y Depth Tr	rend		6	CHIX	0.00	+0.00
7	CHIX	0.01%	+0.01	25 20		4 11 1	0	35				7	TRQX	0.00	+0.00
8	AQXE	0.00%	+0.00	15 10		AND	MI. A	25 20 10	P 2020	Rea M	8393	8	AQXE	0.00	+0.00
Market 100 80 40 20	5 2 5 1 5 5 1 5 0 2 5 1 1 5 0 2 2 5 1 1 5 0 2 2 5 1 1 5 0 2 2 5 1 1 5 0 2 1 7 1 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul 01-Aug 18-		Rank 1 2 3 4 5	UR deal Venue XMAD AQEU CEUX TQEX BATE Sorread 1	Spread (bps) 9.01 13.61 17.77 41.01 381.21	Aug 31-Aug (Change +0.24 +0.11 +1.78 -54.65 +183.35 (Hamiltonian Statement of Statement o	Rank 1 2 3 4 5	S Depth Venue XMAD AQEU CEUX TQEX BATE y Depth Tr 00 00 00	(deeper into Depth (1K EUR) 1,523.2 200.5 196.7 49.6 3.5 rend	Change -247.8 +4.8 -4.1 +0.4 -6.0	Rank 1 1 2 3 4 5 6 7 8 Best Pr 100 80 60 44 21	UR deal Venue XMAD AQEU CEUX TQEX CHIX TRQX BATE AQXE icces Trence	Best Price (%) 82.02 10.83 5.34 0.37 0.00 0.00 0.00 0.00	Change +4.46 +0.23 -2.42 +0.04 +0.00 +0.00 +0.00
value tradin avera index last w	trade ng. The ging ov . The cu veek and	e is based of d during share is ca ver all stoo rrent value s d the change us week.	continuous lculated by ks in the hown is for	sprea the b over based books for th	d of the book. T the stoo on mea every	e best visib he result i cks in the in asurements 30 seconds ad is quote	bid to offer le orders in is averaged ndex and is of the order i. The value ed in basis	of vis the o of mi over based book	ible liqui rder boo d price. the stoo l on mea every	idity (bids a bk within 10 The result cks in the in asurements	the amount nd offers) in) or 50 BPS is averaged ndex and is of the order ds. This is	each price is ave index	venue (no ties eraged and is b	posts an at) for stocks over the st	how often osolute best . The result ocks in the asurements seconds.

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Acerinox SA



01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023 Aena SA

Venue			At tou	ıch	5		Boo		• (top of book	:)
	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change
XMAD	63.11%	-4.92	1	CEUX	7.01	+0.07	1	XMAD	181.3	-11.5
CEUX	24.21%	+2.97	2	XMAD	7.13	-0.33	2	CEUX	47.4	-3.6
AQEU	6.70%	+0.20	3	AQEU	8.04	+0.07	3	AQEU	42.3	-4.8
TQEX	5.22%	+1.66	4	TQEX	14.50	+2.50	4	TQEX	9.7	-2.4
BATE	0.57%	-0.02	5	BATE	88.59	+30.68	5	BATE	1.9	-0.2
TRQX	0.15%	+0.07	Monthl	y Spread 1	Trend		Monthly	y Depth T	rend	
CHIX	0.03%	+0.03	25 20			h	250 200			
AQXE	0.00%	+0.00	15 10 5 0 62-	30 17-30	a 01-Aug 18	Aug 31-Aug	150 100 50	0000	Jul 01-Aug 16-	Aug 31-Aug
			25k E	UR deal			50BPS	5 Depth	(deeper into	book)
Mahal	ոնհանո		Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change
			1	XMAD	9.08	-0.06	1	XMAD	1,687.3	+20.9
Jul 17-Jul	01-Aug 16-/	Aug 31-Aug	2	CEUX	14.26	+0.40	2	CEUX	241.8	-8.0
			3	AQEU	15.56	+0.83	3	AQEU	201.1	-15.5
			4	TQEX	51.18	+2.65	4	TQEX	69.8	-6.5
Share Trend	d		Monthl	y Spread 1	Trend		5	BATE	12.0	-3.7
2-Jul 17-Jul	01-Aug 18-	Aug 31-Aug	40 30 20 10 0 02-	Jul 17-Ju	u 01-Aug 16	Aug 31-Aug	20 15 10	00	7-Jul 01-Aug 18	Aug 31-Aug

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Best Prices

Current Period

Comparison Period

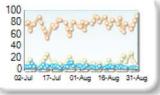
	CII		
Rank	Venue	Best Price (%)	Change
1	XMAD	3.98	+0.14
2	CEUX	3.06	-0.90
3	BATE	1.60	+0.71
4	AQEU	1.20	-0.15
5	TQEX	0.61	+0.08
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend

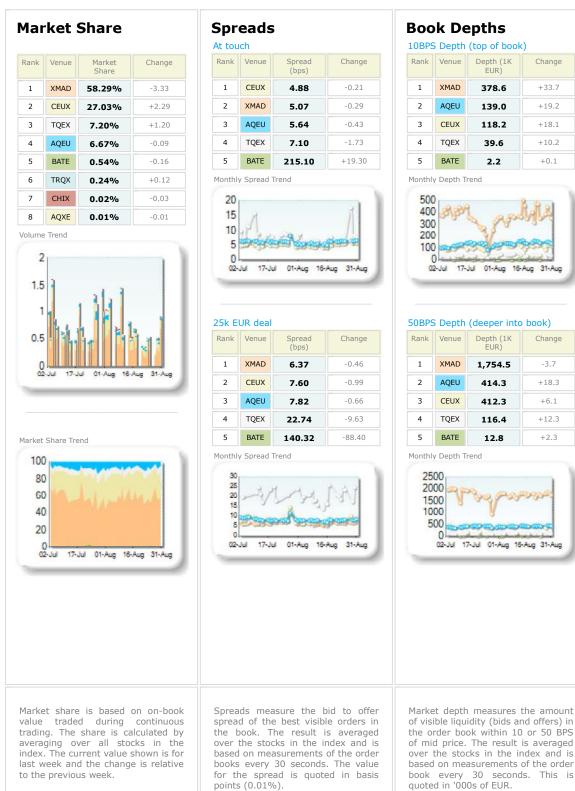


25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	78.74	+4.67
2	CEUX	11.50	-0.52
3	AQEU	4.15	-1.76
4	TQEX	0.32	-0.30
5	BATE	0.02	-0.09
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



LiquidMetrix Battlemap for Amadeus IT Holding SA



points (0.01%).

Current Period Comparison Period

Change

+33.7

+19.2

+18.1

+10.2

+0.1

16-Aug 31-Aug

Change

-3.7

+18.3

+6.1

+12.3

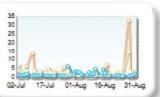
+23

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%) -0.29 XMAD 3.71 1 2 CEUX -0.55 2.38 3 AQEU 1.71 +1.26 BATE -0.39 4 0.93 5 TQEX +0.03 0.49 CHIX +0.006 0.00 7 TRQX 0.00 +0.00

AQXE Best Prices Trend

8

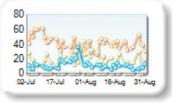


0.00

+0.00

25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	38.79	-4.59
2	CEUX	19.14	-0.37
3	AQEU	9.75	-3.37
4	TQEX	0.97	-0.33
5	BATE	0.06	+0.04
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend

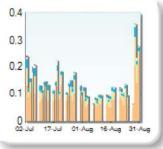


lar	ket :	Share			eads	;				pths			t Pri	ces	
lank	Venue	Market	Change	At tou Rank	Venue	Spread	Change	Rank	Venue	(top of boo Depth (1K	K) Change	At tou Rank	Venue	Best Price	Chang
апк	venue	Share	Change	Kalik	venue	(bps)	Change	Kalik	Venue	EUR)	Change	Kdlik	Venue	(%)	Chan
1	XMAD	69.83%	+7.32	1	XMAD	8.22	+0.32	1	XMAD	156.7	-17.1	1	XMAD	6.07	+1.0
2	CEUX	21.04%	-5.09	2	CEUX	8.37	+0.62	2	CEUX	33.6	-5.8	2	CEUX	4.67	+1.3
3	AQEU	5.68%	-1.61	3	AQEU	9.35	+0.53	3	AQEU	27.3	-1.0	3	AQEU	1.82	+0.7
4	TQEX	2.98%	-0.09	4	TQEX	31.88	+0.36	4	TQEX	3.2	-0.4	4	TQEX	0.65	+0.3
5	BATE	0.36%	-0.15	Monthl	y Spread	Trend		5	BATE	1.3	-0.3	5	BATE	0.27	-0.3
6	TRQX	0.09%	-0.39	35 30	a	8.00		Month	y Depth Tr	end		6	CHIX	0.00	+0.0
7	CHIX	0.01%	+0.01	25	4/35	141	NI/	3				7	TRQX	0.00	+0.0
8	AQXE	0.00%	+0.00	15	100000	-000000-000-	A	20	0 0000			8	AQXE	0.00	+0.0
lume	e Trend			5				10		abhara	was	Best P	rices Trend		
0.0	0			1 2	XMAD CEUX	(bps) 10.54 19.55	+0.85	Rank	Venue XMAD	Depth (1K EUR) 1,472.1	Change -95.2	100			
	02-34 17	Jul 01-Aug 18-	Aug 31-Aug									25k E	UR deal		
-				3	AQEU TQEX	22.99 57.71	+1.68	2	CEUX	194.7 146.6	-13.1	Rank	Venue	Best Price	Chan
					y Spread		II/ a	4	TQEX	35.5	+2.0	1	XMAD	(%) 91.12	+1.8
what	Share Tre	nd		30				5	BATE	10.4	-4.9	2	CEUX	5.87	-1.4
		110		25 20	- A	Barga	808.00		y Depth Tr			3	AQEU	1.80	+0.1
100	Contraction of the local distribution of the	-	~~~	15	3335	2.3.5.5	and a second	20	00			4	TQEX	0.07	+0.0
G				5	ADA GOOG	13-01-01-004	- and		00	Pag mag	A-Par	5	BATE	0.00	-0.0
40					Jul 17-J	ul 01-Aug 16	-Aug 31-Aug		00	y	- 6	6	CHIX	0.00	+0.0
20	0			1000				5	00		AND ALL AND AL	7	TRQX	0.00	+0.0
			Are 21.0 m							-Jul 01-Aug 1	6-Aug 31-Aug	8	AQXE	0.00	+0.0
	2-Jul 17-	Jul 01-Aug 16-	Aug St-Aug					The second				Best P	rices Trend		
														2000 01-Aug 18-	V N
alue adin vera	trade ig. The ging ov	e is based o d during share is ca ver all stoo rrent value s	continuous Ilculated by cks in the	sprea the l over	d of the book. T the stor	e best visib he result cks in the i	bid to offer ile orders in is averaged ndex and is of the order	of vis the c of mi	ible liqui rder boc d price.	dity (bids a ok within 10 The result	the amount nd offers) in 0 or 50 BPS is averaged ndex and is	each price is av	venue ((no ties) eraged	o measures posts an ab) for stocks pover the sto pased on me	solute The rocks in

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

LiquidMetrix Battlemap for CORP ACCIONA ENERGIAS RENOVABLES SA

Mar	ket	Share	
Rank	Venue	Market Share	Change
1	XMAD	63.43%	+4.07
2	CEUX	24.12%	-2.45
3	AQEU	8.07%	-1.97
4	TQEX	3.51%	+0.27
5	BATE	0.74%	+0.54
6	TRQX	0.10%	-0.46
7	CHIX	0.02%	0.00
8	AQXE	0.00%	+0.00
Volume	Trend		



Spreads



Current Period Comparison Period

Change

+2.7

-3.6

-1.5

-0.1

+2.0

-0.5

16-Aug 31-Aug

Change

+88.1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

TRQX

Monthly Depth Trend

Rank

1

2

3

4

5

6

100 80

60

40

20

Rank

1

0

02-Jul

Venue

XMAD

17-Jul

50BPS Depth (deeper into book) Depth (1K

10BPS Depth (top of book)

Depth (1K EUR)

58.6

20.0

17.6

3.3

2.5

1.7

01-Aug

FUR)

1,177.1

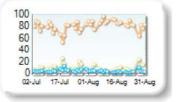
01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 3.34 +0.78 1 2 CEUX +0.67 1.65 3 AQEU 0.84 -0.38 BATE +0.32 4 0.74 5 TQEX +0.11 0.26 TRQX -0.48 6 0.00 7 CHIX 0.00 -0.02 8 AQXE 0.00 +0.00Best Prices Trend 35



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	84.38	+7.00
2	CEUX	7.54	-2.64
3	AQEU	3.33	-1.47
4	TQEX	0.00	-0.04
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	-0.03
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.



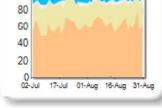
50			ř	
40				2
1000	RDDonne	30000		0.0
20 🖾	A DAME	dDoors.	PC - Contraction	10 Mar 10

rend		
		5
		(
States and states	Mo)
and the second s	111	

2	CEUX	121.7	-16.9							
3	AQEU	112.3	-11.7							
4	TQEX	35.8	-4.5							
5	BATE	5.0	+0.7							
6	TRQX	2.2	-0.6							
Monthly Depth Trend										
1	100		(



Market Share Trend 100



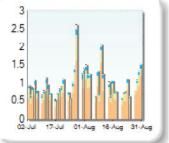
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Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for Banco Bilbao Vizcaya Argentaria SA

Mar	ket	Share		Spr
Rank	Venue	Market Share	Change	At tou Rank
1	XMAD	68.14%	+4.80	1
2	CEUX	21.66%	-2.59	2
3	AQEU	5.78%	-1.36	3
4	TQEX	3.94%	-0.40	4
5	BATE	0.34%	-0.31	5
6	TRQX	0.14%	-0.13	Monthl
7	CHIX	0.00%	0.00	12
8	AQXE	0.00%	0.00	10
Volume	Trend			6 4 2



Market Share Trend

100

80

60

40

20

02-Jul

eads

02-Jul



Current Period Comparison Period

Change

+41.7

+5.4

+23.4

+1.9

+0.5

Book Depths 10BPS Depth (top of book)

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Rank

1

2

3

4

5

Depth (1K EUR)

508.6

209.2

153.0

27.6

1.5

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

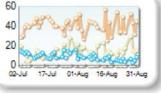
Rank	Venue	Best Price (%)	Change
1	XMAD	5.13	+2.33
2	CEUX	3.39	+0.51
3	TQEX	1.13	+0.24
4	AQEU	0.99	-0.83
5	BATE	0.51	-0.77
6	CHIX	0.00	0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00
Best Pr	ices Trend	1	

02-Jul

17-Jul

01-Aug 16-Aug 31-Aug





Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

E	UR deal			50BPS	5 Depth	(deeper into	book)
<	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change
	XMAD	6.03	-0.55	1	XMAD	3,169.6	+113.9
	CEUX	7.21	-1.13	2	CEUX	682.9	+31.7
	AQEU	7.34	-0.34	3	AQEU	648.4	+1.9
	TQEX	20.14	-1.56	4	TQEX	182.4	+7.6
	BATE	191.22	-85.84	5	BATE	8.8	+0.8
30 25 20 15 10 5 0		with y	Aug 31-Aug	10 8 6 4	000 000 000 000 000 000 000 000 000 00	e las	-A_ 31-A_

Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

01-Aug

17-Jul

16-Aug 31-Aug

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$ of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

ľ

1ar	ket	Share	
Rank	Venue	Market Share	Change
1	XMAD	67.94%	+11.49
2	CEUX	22.15%	-6.62
3	AQEU	5.39%	-1.87
4	TQEX	4.07%	-2.51
5	BATE	0.37%	-0.19
6	TRQX	0.06%	-0.30
7	CHIX	0.01%	+0.00
8	AQXE	0.00%	0.00
/olume	Trend		

Spreads



Current Period Comparison Period

Change

+35.8

-0.5

-6.1

-1.1

-0.3

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

500 400

300 200

100

10BPS Depth (top of book)

Depth (1K EUR)

230.1

43.1

39.5

8.4

0.4

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

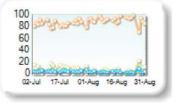
Best Prices At touch

/						
Rank	Venue	Best Price (%)	Change			
1	XMAD	6.14	+1.97			
2	CEUX	5.23	+1.26			
3	AQEU	1.05	-0.60			
4	TQEX	0.81	+0.39			
5	BATE	0.23	-0.84			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			
Best Prices Trend						



25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	90.64	+6.43			
2	CEUX	6.00	-3.63			
3	AQEU	2.25	-1.46			
4	TQEX	0.04	-0.12			
5	BATE	0.00	+0.00			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

		25k EUR deal Rank Venue Spread Change (bps)			50BPS Rank	S Depth Venue	(deeper into	book) Change
	1	XMAD	9.04	-0.40	1	XMAD	1,864.0	+253.2
17-Jul 01-Aug 18-Aug 31-Aug	2	AQEU	16.87	-0.03	2	CEUX	224.4	-14.8
	3	CEUX	16.97	+0.89	3	AQEU	182.6	-4.1
	4	TQEX	58.91	-0.72	4	TQEX	61.7	-5.4
e Trend	Monthl	y Spread T	rend		5	BATE	6.8	-4.0
0 0 0 0 0		15 10 5 02-Jul 17-Jul 01-Aug 18-Aug 31-Aug				2000 1500 1000 500 0		

Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Spreads **Market Share** At touch Rank Venue Rank Venue Market Share Change Spread (bps) XMAD 1 5.36 1 XMAD 64.05% +4.152 CEUX 2 CEUX 5.41 24.62% -2.29 3 AQEU 6.20% -0.76 3 AQEU 6.21 4 TQEX 9.24 4 TQEX -0.95 4.48% +0.03 5 BATE 5 BATE 0.53% 151.13 -0.16 Monthly Spread Trend 6 TRQX 0.11% 7 CHIX 0.00% -0.02 16 14 12 10 8 AQXE 0.00% +0.00 Volume Trend 1.4 62-Jul 17-Jul 1.2 1 0.8 0.6 25k EUR deal 04 Rank Venue Spread 0.2 XMAD 6.91 02 1 01-A IR-A 31 μg 2 CEUX 10.11 AQEU 3 10.42 4 TQEX 53.42

5

30

25 20

15

10

5

n

02-Jul

17-Jul

BATE

Monthly Spread Trend

128.99

01-Aug

16-Aug

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 6.12 +1.26 1 2 CEUX -0.80 3.59 3 AQEU 1.02 -0.53 4 +0.05 TQEX 0.94 5 BATE +0.68 0.80 CHIX 0.00 6 0.00 7 TRQX 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend 40 30



25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	74.47	+3.24			
2	CEUX	13.33	-1.45			
3	AQEU	5.70	-1.16			
4	TQEX	0.26	-0.11			
5	CHIX	0.00	+0.00			
6	TRQX	0.00	+0.00			
7	BATE	0.00	-0.01			
8	AQXE	0.00	+0.00			

Best Prices Trend

80	9.8		ARR	
60 8 40	ala.	9 J	2.3.	AN.
40		.0.0		
20	dias.	100000	Rike	Rot
02-Jul	17-Jul	01-Aug	16-Aust	31-Aug

Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.



Change

-0.24

-0.41

-0.06

+0.18

n/a

31-Aug



Book Depths

10BPS	5 Depth	(top of book	()				
Rank	Venue	Depth (1K EUR)	Change				
1	XMAD	340.4	-1.3				
2	AQEU	82.1	-2.1				
3	CEUX	77.5	-0.9				
4	TQEX	14.4	-1.8				
5	BATE	0.9	+0.4				
Monthl	Monthly Depth Trend						



50BPS	5 Depth	(deeper into	book)
Rank	Venue	Depth (1K EUR)	Change
1	XMAD	2,374.5	+179.4
2	CEUX	340.6	-3.9
3	AQEU	290.0	-6.4
4	TQEX	65.6	-6.6
5	BATE	10.2	-0.1

Monthly Depth Trend



Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative

Market Share Trend

100

80

60

40

20

02-Jul

17-Jul

to the previous week.

61-Aug

16-Aug 31-Aug

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$ of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for Cellnex Telecom SAU

Market share is based on on-book

value traded during continuous

trading. The share is calculated by averaging over all stocks in the index. The current value shown is for

last week and the change is relative

to the previous week.

aı	ket	Share		Spr At tou	eads	;	
ank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	
1	XMAD	57.70%	+1.86	1	CEUX	5.50	
2	CEUX	30.98%	+0.20	2	XMAD	5.79	
3	TQEX	5.25%	-1.82	3	AQEU	6.79	
4	AQEU	5.06%	-0.59	4	TQEX	9.25	
5	BATE	0.73%	+0.28	5	BATE	252.02	
6	TRQX	0.18%	+0.02	Monthl	y Spread T	Frend	
7	CHIX	0.06%	+0.03	20			
8	AQXE	0.04%	+0.03	15		1	
ume	e Trend			10	4 Di	marian.	2
4 3 2					UR deal		-Aug
4		har		0		d 01-Aug 18 Spread (bps)	-Aug
4 3 2 1))			0 25k E	UR deal	Spread	Aug
4 3 2 1))	01-Aug 18-	Aug 31-Aug	0 Q2- 25k E Rank	UR deal Venue	Spread (bps)	-Aug
4 3 2 1))	01-Aug 16	Aug 31-Aug	0 c2- 25k E Rank	UR deal Venue XMAD	Spread (bps) 7.64	Aug
4 3 2 1))	01-Aug 16-	Aug 31-Aug	0 02- 25k E Rank 1 2	UR deal Venue XMAD CEUX	Spread (bps) 7.64 10.08	
4 3 2 1 0 2))		Aug 31-Aug	0 02- 25k E Rank 1 2 3	UR deal Venue XMAD CEUX AQEU	Spread (bps) 7.64 10.08 13.05	-Aug
4 3 2 1 0 2	17-3-4 Share Tre		Aug 31-Aug	0 02- 25k E Rank 1 2 3 4 5	UR deal Venue XMAD CEUX AQEU TQEX	Spread (bps) 7.64 10.08 13.05 59.71 135.06	
4 3 2 1 0 2 3 0 2 3 0 2 3 0 2 3 0 2 3 1 0 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17-Ju Share Tre		Aug 31-Aug	0 02- 25k E Rank 1 2 3 4 5 Monthl 35	UR deal Venue XMAD CEUX AQEU TQEX BATE	Spread (bps) 7.64 10.08 13.05 59.71 135.06	-Aug
4 3 2 1 002-30	17-30 Share Tro		Aug 31-Aug	0 02- 25k E Rank 1 2 3 4 5 Monthl	UR deal Venue XMAD CEUX AQEU TQEX BATE	Spread (bps) 7.64 10.08 13.05 59.71 135.06	-Aug
4 3 2 1 002-34 rket 100 80 60 40	Share Tre		Aug 31 Aug	0 02- 25k E Rank 1 2 3 4 5 Monthl 35 30 20 10	UR deal Venue XMAD CEUX AQEU TQEX BATE	Spread (bps) 7.64 10.08 13.05 59.71 135.06	- Aug
4 3 2 1 002-34 rket 100 80 60 40 20	Share Tre		Aug 31-Aug	0 02- 25k E Rank 1 2 3 4 5 5 Monthl 35 30 25 20 0 25	UR deal Venue XMAD CEUX AQEU TQEX BATE y Spread	Spread (bps) 7.64 10.08 13.05 59.71 135.06 frend	Aug

Current Period Comparison Period

Change

-47.8

-7.6

-18.0

-1.3

+0.1

16-Aug 31-Aug

Change

-149.2

-2.0

-39.7

+4.9

-8.8

+0.0

Depth (1K EUR)

255.0

82.7

56.7

19.7

1.6

01-Aug

Depth (1K EUR)

1,629.5

352.9

259.0

74.5

8.2

1.3

and a for the former

02-Jul 17-Jul 01-Aug 16-Aug 31-Aug

Market depth measures the amount

of visible liquidity (bids and offers) in

the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$

of mid price. The result is averaged over the stocks in the index and is

based on measurements of the order

book every 30 seconds. This is quoted in '000s of EUR.

Book Depths 10BPS Depth (top of book)

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend 400 300 200 100

0

Rank

1

2

3

4

5

6

Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged

over the stocks in the index and is

based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis points (0.01%).

02-Jul

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend 2000

> 1500 1000 500

> > 0

17-Jul

50BPS Depth (deeper into book)

Rank

1

2

3

4

5

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch

Rank	Venue	Best Price (%)	Change
1	XMAD	4.64	+0.98
2	CEUX	4.16	+0.34
3	AQEU	0.78	-0.16
4	TQEX	0.66	+0.04
5	BATE	0.54	-0.48
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00
Rest Pr	ices Trend	1	



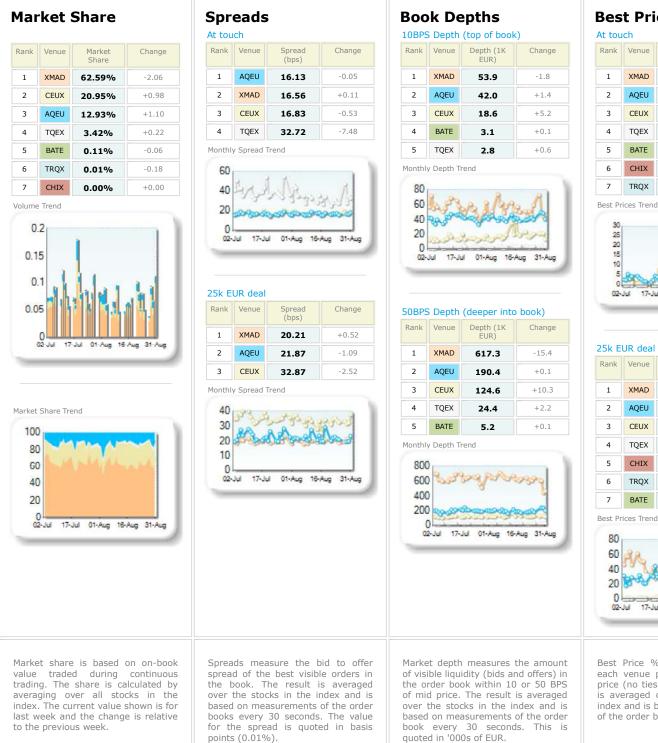
25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	70.26	+7.14
2	CEUX	20.54	-1.25
3	AQEU	3.07	-2.23
4	TQEX	0.74	-0.18
5	BATE	0.02	-0.02
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend

100 80 60 40 20 0 01-Aug 16-Aug 31-Aug 02 Ju 17-Jul



LiquidMetrix Battlemap for INMOBILIARIA COLONIAL SA INMOBILIARIA COLOI



01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Change

Best Prices At touch Rank Venue Best Price (%)

Current Period

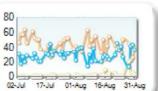
Comparison Period

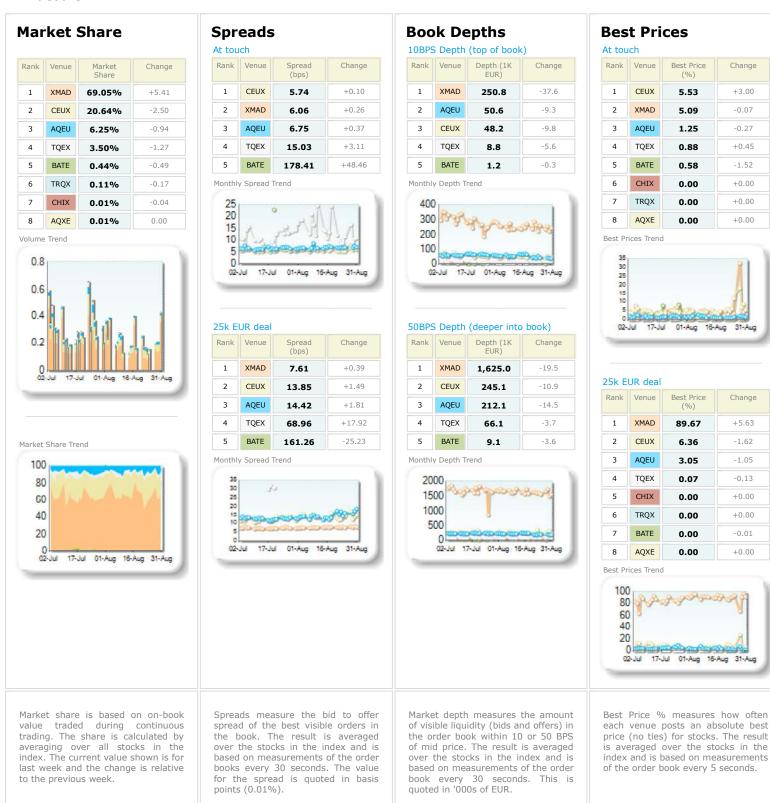
		()	
1	XMAD	2.54	-0.31
2	AQEU	2.50	+0.04
3	CEUX	1.88	+1.54
4	TQEX	0.29	+0.17
5	BATE	0.04	-0.28
6	CHIX	0.00	0.00
7	TRQX	0.00	+0.00

Best Prices Trend



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	41.11	-5.15
2	AQEU	30.50	+2.00
3	CEUX	3.78	+2.34
4	TQEX	0.13	-0.06
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00





01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Price

(%)

5.53

5.09

1.25

0.88

0.58

0.00

0.00

0.00

01-Aug 16-Aug

Best Price

(%)

89.67

6.36

3.05

0.07

0.00

0 00

0.00

0.00

01-Aug

Change

+3.00

-0.07

-0.27

+0.45

-1.52

+0.00

+0.00

+0.00

31-Aug

Change

+5.63

-1 62

-0.13

+0.00

+0.00

-0.01

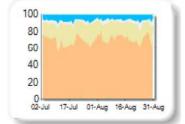
+0.00

16-Aug 31-Aug

Current Period

Comparison Period

Market Share Spreads At touch Market Share Rank Venue Change 1 1 XMAD 73.48% +3.902 2 CEUX -2.92 17.03% 3 AQEU 5.50% -1.08 3 4 4 TQEX +0.12 3.39% +0.07 5 5 BATE 0.52% -0.07 6 TRQX 0.07% 7 AQXE 0.00% 0.00 25 20 15 10 Volume Trend 0.8 5 0 0.6 02-Jul 0.4 0.2 25k EUR deal Rank Venue 080 XMAD 1 AQEU 2 CEUX 3 4 TQEX Market Share Trend



Market share is based on on-book

value traded during continuous

trading. The share is calculated by averaging over all stocks in the

index. The current value shown is for

last week and the change is relative

to the previous week.



Spread (bps)

8.52

15.53

17.51

61.56

155.22

01-Aug 16-Aug

Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged

over the stocks in the index and is

based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis points (0.01%).

5

40

30

20

10

0

02-Jul

BATE

Monthly Spread Trend

17-34

Current Period Comparison Period

Book Depths 10BPS Depth (top of book)

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

500 400

300 200

100

Rank

1

2

3

4

5

Change

+0.17

+0.89

+1.16

+0.52

-136.61

31-Aug

0

02-Jul

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

3000 2500

2000 1500

1000

500

1

02-34

Depth (1K EUR)

280.4

50.1

39.5

9.1

0.9

17-Jul 01-Aug

50BPS Depth (deeper into book)

Depth (1K EUR)

1,860.1

219.6

194.3

68.1

7.0

17-Jul 01-Aug 16-Aug 31-Aug

Market depth measures the amount

of visible liquidity (bids and offers) in

the order book within 10 or 50 BPS

of mid price. The result is averaged

over the stocks in the index and is

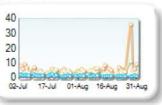
based on measurements of the order

book every 30 seconds. This is quoted in '000s of EUR.

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

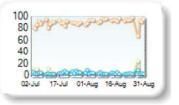
Best Prices

At tou	ch		
Rank	Venue	Best Price (%)	Change
1	XMAD	6.57	+1.52
2	CEUX	3.57	+0.02
3	BATE	1.06	+0.28
4	AQEU	1.00	-0.50
5	TQEX	0.46	-0.11
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00
Best Pr	ices Tren		



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	92.15	+4.43		
2	AQEU	3.59	-0.62		
3	CEUX	3.22	-2.44		
4	TQEX	0.04	-0.02		
5	BATE	0.00	0.00		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

Change

+6.8

-2.3

-4.0

-1.2

+0.3

16-Aug 31-Aug

Change

+143.6

-4.4

-1.9

+2.9

-12

LiquidMetrix Battlemap for FLUIDRA SA

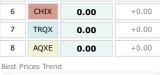
to the previous week.

1 ar	ket s	Share		Spr At tou	eads					epths (top of book	0
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
1	XMAD	61.39%	-0.92	1	XMAD	14.63	+2.22	1	XMAD	80.1	+20.9
2	CEUX	18.66%	-2.65	2	CEUX	14.90	+1.97	2	AQEU	41.2	+11.0
3	AQEU	10.61%	+0.13	3	AQEU	15.03	+2.08	3	CEUX	22.8	+6.5
4	TQEX	8.79%	+3.81	4	TQEX	30.65	-10.90	4	TQEX	4.6	+2.4
5	BATE	0.30%	+0.00	Monthl	y Spread T	rend		5	BATE	0.8	0.0
6	CHIX	0.12%	+0.10	50	0			Monthl	y Depth T	rend	
7	TRQX	0.11%	-0.47	40 30	NU	WAR.	an A	12			-
0.5 0.4	1	1		0	Jul 17-Ju	i 01-Aug 16	Aug 31-Aug	42	Marcal	Jul 01-Aug 16-	Aug 31-A
0.3				25k E	UR deal						
0.2			n	Rank	Venue	Spread (bps)	Change	50BPS	5 Depth	(deeper into	book)
0.1	11-11			1	XMAD	17.11	+1.17	Rank	Venue	Depth (1K EUR)	Chang
0				2	AQEU	20.77	-1.41	1	XMAD	1,092.3	+70.
02	-Jul 17-J	ul 01-Aug 18-	Aug 31-Aug	3	CEUX	28.36	-0.29	2	AQEU	191.6	+12.
				4	TQEX	72.48	n/a	3	CEUX	143.1	+3.3
				Monthl	y Spread T	rend		4	TQEX	32.6	+7.0
larket	Share Tre	end		80				5	BATE	1.1	-2.8
80 60 40 20 (0		Jul 01-Aug 18-	Aug 31-Aug	40 20 0 02	Jul 17-Ju	1 01-Aug 16	Aug 31-Aug	6 4 2		Jul 01-Aug 16	Aug 31-A
/alue	trade	e is based o d during share is ca	continuous	sprea	d of the	e best visib	bid to offer le orders in is averaged	of vis	ible liqu	i measures idity (bids ar ok within 10	nd offers

for the spread is quoted in basis points (0.01%).

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD -0.27 1 2.72 2 CEUX -1.33 1.38 3 AQEU 1.27 -0.97 4 BATE -0.07 0.37 5 TQEX -0.10 0.12





25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	52.12	-18.36
2	AQEU	13.26	-6.76
3	CEUX	4.39	+0.76
4	TQEX	0.34	+0.28
5	BATE	0.00	+0.00
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

Current Period Comparison Period

book every 30 seconds. This is quoted in '000s of EUR.

Market Share

Rank	Venue	Market Share	Change
1	XMAD	75.59%	+7.61
2	CEUX	15.44%	-4.57
3	TQEX	6.19%	-0.90
4	AQEU	2.15%	-0.80
5	ENXT	0.29%	-0.85
6	BATE	0.29%	-0.27
7	TRQX	0.04%	-0.21
8	AQXE	0.00%	+0.00
9	CHIX	0.00%	0.00

Volume Trend

Market Share Trend

100

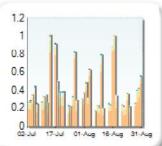
80

60

40

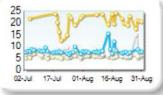
20

02-34



Spreads

Rank	Venue	Spread (bps)	Change
1	CEUX	5.75	+0.10
2	XMAD	6.14	+0.12
3	TQEX	7.29	-0.35
4	AQEU	8.22	+0.43
5	ENXT	23.55	-2.47
6	BATE	96.43	-1.44





Change

-61.8

-7.5

-9.0

-4.0

+0.9

+0.1

Change

+50.5

-29.1

-5.6

+0.5

-6.6

-2.6

Book Depths 10BPS Depth (top of book)

Venue

XMAD

CEUX

ENXT

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

6

500 400

300

200

100

Rank

1

2

3

4

5

6

0

02-Jul

Venue

XMAD

ENXT

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

02-Jul

Depth (1K EUR)

243.2

66.1

35.3

30.6

27.7

1.7

17-Jul 01-Aug 16-Aug 31-Aug

50BPS Depth (deeper into book)

Depth (1K

FUR)

1,595.4

325.2

277.1

173.8

82.7

7.1

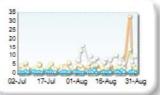
17-Jul 01-Aug 16-Aug 31-Aug

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices

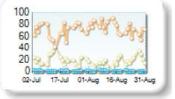
At tou	ich		
Rank	Venue	Best Price (%)	Change
1	TQEX	8.01	+7.27
2	CEUX	4.39	+2.38
3	XMAD	3.71	-0.26
4	AQEU	0.50	+0.01
5	BATE	0.36	+0.22
6	CHIX	0.00	-0.01
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00
Post Dr	icos Trop	4	





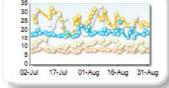
25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	73.73	+5.07
2	CEUX	16.31	-3.38
3	TQEX	2.14	+0.66
4	AQEU	0.89	-0.24
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

-			
25k E	UR deal		
Rank	Venue	Spread (bps)	Change
1	XMAD	7.97	+0.16
2	CEUX	11.47	+0.61
3	AQEU	18.72	+0.87
4	ENXT	25.71	-2.35
5	TQEX	28.53	+3.63
Monthl	y Spread	Trend	



Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

01-Aug

16-Aug 31-Aug

17-Jul

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%). Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for **GRIFOLS CLASE A**

Image: CEUX 23.11% -1.84 2 3 AQEU 6.53% -1.40 3 4 TQEX 5.46% -2.56 4 5 BATE 0.32% -0.01 5	Rank	Venue	Market Share	Change	Rar
3 AQEU 6.53% -1.40 3 4 TQEX 5.46% -2.56 4 5 BATE 0.32% -0.01 5 6 TRQX 0.05% -0.31 Mon 7 AQXE 0.00% -0.03 8 CHIX 0.00% -0.03	1	XMAD	64.52%	+6.16	1
4 TQEX 5.46% -2.56 4 5 BATE 0.32% -0.01 5 6 TRQX 0.05% -0.31 7 7 AQXE 0.00% -0.03 8 CHIX 0.00% -0.03 0.03	2	CEUX	23.11%	-1.84	2
TRQX 0.32% -0.01 5 6 TRQX 0.05% -0.31 7 AQXE 0.00% -0.03 8 CHIX 0.00% -0.03	3	AQEU	6.53%	-1.40	3
6 TRQX 0.05% -0.31 Mon 7 AQXE 0.00% -0.03 8 CHIX 0.00% -0.03 0 8 CHIX 0.00% -0.03 0	4	TQEX	5.46%	-2.56	4
7 AQXE 0.00% -0.03 8 CHIX 0.00% -0.03 /olume Trend -0.03 -0.03	5	BATE	0.32%	-0.01	5
8 CHIX 0.00% -0.03	6	TRQX	0.05%	-0.31	Mon
olume Trend	7	AQXE	0.00%	-0.03	
0.8			0.00%	-0.03	
	0.8				

eads



Current Period Comparison Period

Change

+21.1

-0.7

-2.4

-1.6

-0.2

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

200 150

100

50

0

10BPS Depth (top of book)

Depth (1K EUR)

152.3

30.6

27.6

5.8

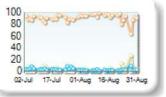
0.5

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 1 7.36 +4.43 2 CEUX +2.09 5.54 3 AQEU 1.77 -0.81 4 +0.86 TQEX 1.03 5 BATE -0.59 0.22 CHIX 0.00 +0.00 6 7 TRQX 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend 35



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	92.04	+2.64
2	CEUX	4.66	-0.38
3	AQEU	2.43	-1.86
4	TQEX	0.10	-0.08
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

0.6	62	kJul 17-Ju	il 01-Aug 16	Aug 31-Aug	0	2-Jul 17-	Jul 01-Aug 18-	Aug 31-Aug	30 25 20 15 10	
0.4	25k E	EUR deal			50BP	S Depth	(deeper into	book)	5 0 (02-	Jul 17-Ju
0.2	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	- Common	
0	1	XMAD	11.31	-0.29	1	XMAD	1,411.3	+200.6		
02-Jul 17-Jul 01-Aug 16-Aug 31-Aug	2	AQEU	22.07	+0.74	2	CEUX	192.2	-12.2		UR deal
	3	CEUX	22.61	+0.96	3	AQEU	149.5	-5.5	Rank	Venue
	4	TQEX	82.47	+16.21	4	TQEX	56.9	-7.5	1	XMAD
arket Share Trend	Month	ly Spread	Trend		5	BATE	5.8	-1.4	2	CEUX
100	50				Monthl	y Depth T	rend		3	AQEU
80	40							8 .	4	TQEX
60	20		pologo and	2000 C		10 million (1997)	A port	જ્યાર	5	CHIX
40	0		J 01-Aug 16				8		6	TRQX
20	Trans					0	where the state of the state of the local division of the local di	and the second se	7	BATE
02-Jul 17-Jul 01-Aug 16-Aug 31-Aug					-				8	AQXE
										rices Treno
									100	
									60	
									20	
					state state <th< td=""><td></td><td></td><td>2-Jul 17-</td></th<>			2-Jul 17-		
									- Common	

Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Ma

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for International Consolidated Airlines Group SA

Market Share Spreads **Book Depths** 10BPS Depth (top of book) At touch At touch Depth (1K EUR) Venue Rank Venue Rank Venue Rank Rank Market Share Change Spread Change Change (bps) XMAD 1 XMAD 6.86 -0.29 1 227.5 -38.0 1 XMAD 75.80% +0.681 2 AQEU 2 AQEU -5.6 2 2 CEUX 7.32 +0.1181.0 17.88% -0.99 AQEU 3 CEUX 7.43 +0.06 3 CEUX 68.8 -5.0 3 3 4.36% -0.11 4 TQEX +1.50 TQEX -3.1 4 TQEX +0.39 22.79 4 16.7 4 1.84% +0.01 5 BATE -108.32 5 BATE 0.0 5 5 BATE 0.06% 322.01 0.3 +0.02 Monthly Spread Trend Monthly Depth Trend 6 TROX 0.05% 6 7 CHIX 0.00% +0.00 600 7 TRQX 30 25 20 Volume Trend 400 15 50 200 1.2 10 40 5 1 n. 0 30 01-Aug 16-Aug 31-Aug 62-Jul 17-Jul 02-Jul 17-Jul 01-Aug 16-Aug 31-Aug 20 0.8 10 0.6 0 02-Jul 0.4 25k EUR deal 50BPS Depth (deeper into book) 0.2 Rank Rank Depth (1K Venue Change Venue Change Spread 0 EUR) 31 Aug 18-Aug XMAD 8.84 +0.05 XMAD -180.3 1 1.552.5 1 2 AQEU 12.12 +0.42 2 CEUX 360.3 -22.4 +0.25 AQEU 3 CEUX 14.60 3 321.6 -9.5 4 TQEX +1.71 4 TQEX 267.8 -2.2 28.23 Market Share Trend Monthly Spread Trend 5 BATE 2.8 -07 100 Monthly Depth Trend 80 30 25 60 4000 20 3000 40 12 10 2000 20 1000 02-Jul 02-Jul 17-34 01-Aug 16-Aug 31-Aug Best Prices Trend 17-Jul 01-Aug 16-Aug 31-Aug 0 17-Jul 01-Aug 16-Aug 31-Aug 02-Jul 100 80 60 40 20 0 02-Jul Market share is based on on-book Spreads measure the bid to offer Market depth measures the amount traded during continuous spread of the best visible orders in of visible liquidity (bids and offers) in value trading. The share is calculated by the book. The result is averaged the order book within 10 or 50 BPS averaging over all stocks in the over the stocks in the index and is of mid price. The result is averaged index. The current value shown is for over the stocks in the index and is based on measurements of the order last week and the change is relative books every 30 seconds. The value based on measurements of the order for the spread is quoted in basis book every 30 seconds. This is to the previous week.

quoted in '000s of EUR.

points (0.01%).

Current Period

Comparison Period

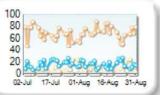
Best Prices Venue Best Price Change (%) XMAD 10.51 +3.55 CEUX 5.33 -1.11 AQEU 5.16 -1.57 BATE +1.56 1.13 TQEX -0.21 0.48 CHIX +0.000.00



0.00

+0.00

25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	69.93	+3.13
2	AQEU	15.71	-0.85
3	CEUX	7.42	-0.84
4	TQEX	0.03	-0.01
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00



a	rket S	Share		Spr At tou	eads					epths (top of book	<)
ank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Ch
	XMAD	67.29%	-1.04	1	XMAD	6.25	+0.43	1	XMAD	543.7	-4
CE	UX	19.74%	+0.77	2	CEUX	6.25	+0.39	2	AQEU	169.7	+:
A	QEU	7.49%	+0.11	3	AQEU	6.46	+0.45	3	CEUX	164.0	-1
TQ	ΞX	4.87%	+0.17	4	TQEX	7.10	+0.40	4	TQEX	52.2	-6
BA	TE	0.45%	+0.10	5	BATE	223.07	+85.50	5	BATE	5.2	+(
TRQ	K	0.16%	-0.10	Monthl	y Spread 1	Frend		Monthl	y Depth T	rend	
	CHIX			6 4 2 0 02	3 3 17-3 4	/ 01-Aug 16	Aug 31-Aug	4	00 00 00 00 00 00 00 00 00 00 00 00 00	7-Jul 01-Aug 16	J-Aug 31
3 2 1	h,	hhai		25k E Rank	UR deal Venue	Spread (bps)	Change	50BPS Rank	5 Depth Venue	(deeper into Depth (1K EUR)	D bool
	ul 17-Jul			1	XMAD	6.73	+0.48	1	XMAD	2,667.7	-1
u 17		01-Aug 18-A	lug 31-Aug	2	AQEU	7.72	+0.41	2	CEUX	580.9	-3
				3	CEUX	7.75	+0.51	3	AQEU	566.5	-6
				4	TQEX	19.27	+2.31	4	TQEX	162.5	-26
Sha	are Tre	nd		5	BATE	373.53	+165.89	5	BATE	15.6	-4
		U 01-Aug 18-	Aug 31-Aug	30 25 20 15 10 5 0	W	Mu	Aug 31-Aug	40 30 20		AJul 01-Aug 16	Pogo S

Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%). Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Current Period Comparison Period

Change

-47.5

+3.8

-15.3

+0.8

Change

-106.1

-38.9

-26.3

17-Jul 01-Aug 16-Aug 31-Aug

17-Jul 01-Aug 16-Aug 31-Aug

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price Change (%)

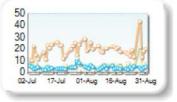
1	XMAD	2.09	-0.23
2	BATE	0.83	-0.10
3	AQEU	0.81	-0.35
4	CEUX	0.72	+0.28
5	TQEX	0.51	+0.22
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend

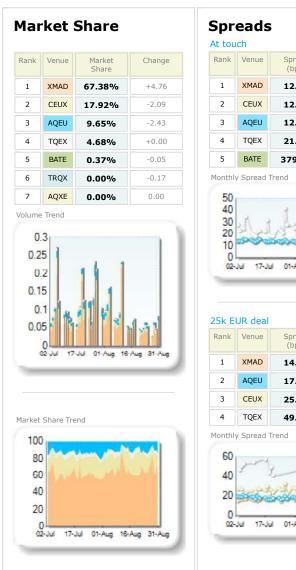


25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	19.88	+0.96
2	CEUX	6.13	+1.38
3	AQEU	3.94	-0.26
4	TQEX	0.86	+0.05
5	BATE	0.30	+0.17
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



LiquidMetrix Battlemap for Indra Sistemas SA



Market share is based on on-book

value traded during continuous

trading. The share is calculated by

averaging over all stocks in the

index. The current value shown is for

last week and the change is relative

to the previous week.

Current Period Comparison Period

Change

+2.2

-7.1

-2.9

-1.7

+0.0

16-Aug 31-Aug

Change

+171.6

-18.6

+13.2

+0.3

+0.5

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

100

80

60 40

20

Rank

1

2

3

4

5

0

02-Jul

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

2000 1500

1000

500

0

02-34

10BPS Depth (top of book)

Depth (1K EUR)

72.4

43.0

23.0

6.8

0.7

01-Aug

Depth (1K

EUR)

1,398.7

226.4

174.8

52.3

2.3

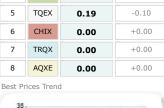
17-Jul 01-Aug 16-Aug 31-Aug

17-34

50BPS Depth (deeper into book)

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

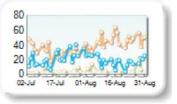
Best Prices At touch Rank Venue Best Price Change (%) XMAD 2.97 +2.11 1 2 AQEU -0.37 1.04 3 CEUX 1.04 -0.05 BATE +0.35 4 0.30





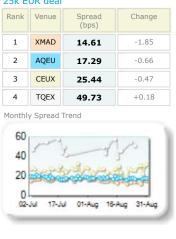
25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	45.73	+13.04
2	AQEU	18.25	-3.56
3	CEUX	3.87	+0.69
4	TQEX	0.21	-0.34
5	BATE	0.00	-0.06
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Market depth measures the amount Best Price % measures how often of visible liquidity (bids and offers) in each venue posts an absolute best the order book within 10 or 50 BPS price (no ties) for stocks. The result is averaged over the stocks in the of mid price. The result is averaged over the stocks in the index and is index and is based on measurements based on measurements of the order of the order book every 5 seconds. book every 30 seconds. This is quoted in '000s of EUR.





Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged

over the stocks in the index and is

based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis

points (0.01%).

1ar	ket :	Share		Spr At tou	eads	5				epths (top of book	<)	Bes At tou	t Pri	ces	
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Chang
1	XMAD	64.67%	+0.76	1	CEUX	4.88	+0.27	1	XMAD	490.9	+17.4	1	XMAD	3.37	+1.3
2	CEUX	23.48%	+0.88	2	XMAD	5.13	+0.26	2	AQEU	161.6	+2.2	2	CEUX	2.53	+0.7
3	AQEU	6.10%	-0.60	3	AQEU	5.52	+0.39	3	CEUX	143.6	+5.4	3	AQEU	0.97	-0.0
4	TQEX	4.96%	-0.86	4	TQEX	6.82	+0.53	4	TQEX	35.0	-5.2	4	TQEX	0.90	+0.5
5	BATE	0.64%	-0.10	5	BATE	179.96	+65.54	5	BATE	1.8	-1.1	5	BATE	0.80	-0.6
6	TRQX	0.11%	-0.09	Monthl	y Spread ⁻	Trend		Monthl	y Depth Ti	end		6	CHIX	0.00	+0.0
7	CHIX	0.03%	+0.02	10	7.41			800)			7	TRQX	0.00	+0.0
8 olume 2.5 2		0.02%	+0.01	8 6 4 2 0 02	Jul 17-Ju	ul 01-Aug 18-	Aug 31-Aug			All 01-Aug 16	Aug 31-Aug	35 30 25	AQXE	0.00	+0.0
1.5 1 0.5			A)	25k E Rank	UR deal Venue	Spread (bps)	Change	50BPS Rank	5 Depth Venue	(deeper into Depth (1K EUR)	book) Change	20 15 10 5 0 02-		01-Aug 16-/	State of the second second
0				1	XMAD	5.85	+0.17	1	XMAD	2,195.1	+154.2				
	-Jul 17-J	ul 01-Aug 18-	Aug 31-Aug	2	CEUX	6.90	+0.27	2	CEUX	545.1	+19.6	25k E	UR deal		_
-				3	AQEU	7.12	+0.15	3	AQEU	499.3	+8.2	Rank	Venue	Best Price (%)	Chan
				4	TQEX	25.84	+3.51	4	TQEX	114.2	-16.6	1	XMAD	41.46	+3.8
arket	Share Tre	end		5	BATE	163.63	+4.68	5	BATE	16.0	-8.6	2	CEUX	13.02	-1.7
100)			Monthl	y Spread	Trend		Monthl	y Depth Ti	rend		3	AQEU	5.27	-1.5
80			~	30)		000	0		4	TQEX	0.75	-0.2
60			h/1	25 20	1/5-1	Mr3	1913	2	500 000 🖓 👔	Rose B	898 ⁰⁰	5	BATE	0.23	-0.0
40	0			15					500 🔗 000			6	CHIX	0.00	+0.0
20	0			5		0.982.99			500 0000		Siddle of	7	TRQX	0.00	+0.0
a	0	Jul 01-Aug 16-	Aug 31-Aug	02-	Jul 17-Ju	ul 01-Aug 16-	Aug 31-Aug	-	02-Jul 17	-Jul 01-Aug 16	HAug 31-Aug	8	AQXE	0.00	+0.0
-	_											Best Pr	rices Tren	ł	
												60 40 20 0 0	M 17-3	U 01-Aug 18-J	Aug 31-A
alue radin vera	trade ig. The ging ov	e is based o d during share is ca ver all stoo rrent value s	continuous Ilculated by cks in the	sprea the l over	d of the book. T the stoe	e best visib he result i cks in the i	oid to offer le orders in is averaged ndex and is of the order	of vis the o of mi	ible liqui rder boo d price.	idity (bids an ok within 10 The result	the amount nd offers) in) or 50 BPS is averaged ndex and is	each price is av	venue (no ties eraged	6 measures posts an ab 6) for stocks over the sto pased on me	solute . The re ocks in

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

LiquidMetrix Battlemap for

Cia de Distribucion Integral Logista Holdings SAU

Market Share Spreads **Book Depths** 10BPS Depth (top of book) At touch Depth (1K EUR) Market Share Rank Venue Rank Venue Rank Venue Change Spread Change Change (bps) XMAD XMAD 1 12.63 -0.78 1 45.8 -6.0 1 XMAD 76.50% +2512 AQEU 2 AQEU -4.1 2 CEUX -1.51 13.49 +0.06 28.4 11.77% AQEU -0.16 3 CEUX 14.64 -0.56 3 CEUX 12.1 +0.0 3 8.99% 4 -0.28 TQEX -1.3 4 TQEX -0.87 TQEX 28.37 4 3.0 2.58% +0.07 Monthly Spread Trend 5 BATE -0.2 5 BATE 0.16% 2.7 -0.02 Monthly Depth Trend 6 TRQX 0.01% 40 30 Volume Trend 100 20 80 0.16 60 10 0.14 40 0 20 0.12 02-14 17-34 01-Aug 16-Aug 31-Aug 0 0.1 01-Aug 02-Jul 17-Jul 16-Aug 31-Aug 0.08 0.06 0.04 25k EUR deal 0.02 Rank Spread (bps) Venue Change 50BPS Depth (deeper into book) 0 01-Aug 16-Rank Depth (1K Venue Change lug i XMAD 17.47 -0.43 1 EUR) 2 AQEU 22.96 +1.65 XMAD 998.7 -1.0 1 3 CEUX 42.79 -1.52 2 AQEU 144.7 -23.8 CEUX 4 TQEX 64.83 +5.58 3 82.4 -4.8 Market Share Trend Monthly Spread Trend 4 TQEX 33.4 -3.8 100 5 BATE 3.6 +0.280 80 60 Monthly Depth Trend 60 40 40 1200 20 1000 20 800 0 600 02-Jul 02-Jul 17-34 01-Aug 16-Aug 31-Aug 400 17-Jul 01-Aug 16-Aug 31-Aug 200 al 17-Jul 01-Aug 16-Aug 31-Aug 02-34

Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged

over the stocks in the index and is

based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis

points (0.01%).

Market share is based on on-book traded during continuous value trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Current Period

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Change

+3.72

Best Prices At touch Rank Venue Best Price (%) XMAD 4.47 1

2	AQEU	1.47	-1.34
3	CEUX	0.76	-0.03
4	BATE	0.22	+0.11
5	TQEX	0.16	+0.14
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00

Best Prices Trend

Best Prices Trend

Market depth measures the amount

of visible liquidity (bids and offers) in

the order book within 10 or 50 BPS

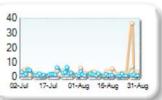
of mid price. The result is averaged

over the stocks in the index and is

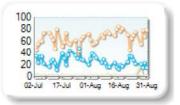
based on measurements of the order

book every 30 seconds. This is

quoted in '000s of EUR.



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	69.15	+8.88
2	AQEU	23.92	-5.42
3	CEUX	1.62	+0.68
4	TQEX	0.23	+0.06
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

Comparison Period

Mapfre SA

		Share		At tou	
Rank	Venue	Market Share	Change	Rank	Venue
1	XMAD	70.54%	+1.13	1	XMAD
2	CEUX	16.96%	-0.01	2	AQEU
3	AQEU	7.97%	-1.09	3	CEUX
4	TQEX	4.08%	+0.50	4	TQEX
5	BATE	0.29%	-0.26	5	BATE
6	TRQX	0.16%	-0.27	Month	ly Spread
0. 0.1 0.	5	34	-	30 20 10 0 0	Ju 17-
				25k E	UR dea
	0 02-Jul 17	-Jul 01-Aug 16	-Aug 31-Aug	25k E Rank	UR dea
	0 22-Jul 17	-Jul 01-Aug 16	Aug 31-Aug		1

Market Share Trend 100 80 60 40 20 02-Jul 17-Jul 01-Aug 16-Aug 31-Aug

Market share is based on on-book

value traded during continuous

trading. The share is calculated by averaging over all stocks in the index. The current value shown is for

last week and the change is relative

to the previous week.



Current Period Comparison Period

Change

-29.1

-7.2

-2.2

-0.5

-0.2

31-Aug

Change

-51.2

-16.4

-27.0

-11.4

-2.2

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

120 100

60

40 20

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

45.5

11.8

8.7

1.8

0.1

17-Jul 01-Aug 16-Aug 31-Aug

Market depth measures the amount

of visible liquidity (bids and offers) in

the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$

of mid price. The result is averaged over the stocks in the index and is

based on measurements of the order

book every 30 seconds. This is quoted in '000s of EUR.

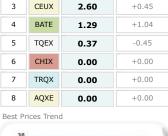
Monthly Depth Trend

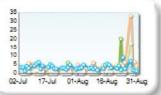
1600

02-Jul

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

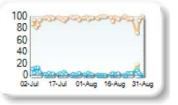
Best Prices At touch Rank Venue Best Price Change (%) XMAD +2.81 1 4.80 2 AQEU +0.56 3.47





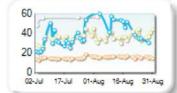
Rank	Venue	Best Price (%)	Change
1	XMAD	96.35	+1.36
2	AQEU	2.05	-1.95
3	CEUX	1.50	+0.68
4	TQEX	0.01	0.00
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

01-Aug 16-	Aug 31-Aug	a	ol i (17- 2-Juli 17-	Jul 01-Aug 16-	Aug 31-A
		50BPS	5 Depth	(deeper into	book)
Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chan
15.54	+1.21	1	XMAD	1,050.2	-51.
37.12	+3.20	2	CEUX	100.3	-16.
51.27	+18.84	3	AQEU	63.6	-27.
59.50	+4.00	4	TQEX	27.9	-11.
nd		5	BATE	0.9	-2.2



Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged

over the stocks in the index and is

based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis points (0.01%).

AQEU

TQEX

Spread Trend

3

4

Monthly

LiquidMetrix Battlemap for MELIA HOTELS INTERNATIONAL SA

Rank	Venue	Market	Change	Rank	Venue	Spread (bps)	Chang
1	XMAD	74.06%	+3.46	1	XMAD	14.78	+0.34
2	CEUX	13.89%	-2.23	2	AQEU	16.12	+1.27
	AQEU	9.67%	-1.34	3	CEUX	16.82	+0.98
	TQEX	2.21%	+0.05	4	TQEX	44.43	+6.74
	BATE	0.11%	+0.01	5	BATE	291.03	n/a
6	TRQX	0.07%	+0.04	Marshell			
0.1 0.1 0.1 0.1	Trend 6 4 2 1 8	0.07%	+0.04	60 40 20 0	y Spread T	AM	барт- 2005 9 Аид 31-Аи
0.1 0.1 0.1 0.1	Trend			60 40 20 0 0	A. Jul 17-Ju	AM	Aug 31-Au
0.1 0.1 0.1 0.0 0.0 0.0 0.0	Trend	-11 4		60 40 20 0 0	Asr	AM	Aug 31-Au Chang
0.1 0.1 0.1 0.0 0.0 0.0 0.0	Trend	-11 4		60 40 20 0 25k E	UR deal	01-Aug 18-	
0.1 0.1 0.0 0.0 0.0 0.0	Trend	-11 4		60 40 20 0 0 25k E Rank	UR deal Venue	01-Aug 18- Spread (bps)	Change
0.1 0.1 0.0 0.0 0.0 0.0 0.0	Trend	JU 01-Aug 18		60 40 20 0 25k E Rank	UR deal Venue XMAD	01-Aug 18- Spread (bps) 19.72	Change +0.59

80

60 40

20

0

02-Jul

17-Jul

01-Aug

16-Aug 31-Aug

Current Period Comparison Period

Change

+0.9

-4.5

-1.5

-0.2

0.0

31-Aug

Change

-25.5

-22.1

-14.3

-11.0

-0.2

Book Depths 10BPS Depth (top of book)

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank Venue

1

2

3

4

5

80 60

40

20

0

Rank

1 2

3 4

5

02-Jul

17-34

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

1200

1000

800

600

400

200

02-Jul

Depth (1K EUR)

43.5

25.6

9.0

1.1

0.2

01-Aug

994.7

141.2

104.9

22.0

0.3

17-Jul 01-Aug 16-Aug 31-Aug

50BPS Depth (deeper into book) Depth (1K EUR)

16-Aug

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices

At tou	ch		
Rank	Venue	Best Price (%)	Change
1	XMAD	5.48	+2.51
2	AQEU	1.96	-0.76
3	CEUX	1.07	+0.52
4	BATE	0.49	+0.89
5	TQEX	0.29	+0.14
6	TRQX	0.00	+0.00

Best Prices Trend



Rank	Venue	Best Price (%)	Change
1	XMAD	74.47	+9.67
2	AQEU	19.69	-7.81
3	CEUX	0.86	+0.36
4	TQEX	0.00	-0.01
5	TRQX	0.00	+0.00
6	BATE	0.00	+0.00



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

17-Jul 01-Aug 16-Aug 31-Aug

40

20

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%). Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for Merlin Properties Socimi SA

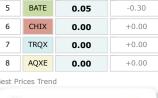
1ar	ket S	Share		Spr	eads	;		Boo	ok De	epths	
				At tou	ich			10BP9	S Depth	(top of bool	<)
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change
1	XMAD	61.32%	+2.38	1	XMAD	12.26	-0.61	1	XMAD	72.5	+3.2
2	CEUX	24.93%	+1.09	2	CEUX	12.69	-0.52	2	AQEU	21.5	-1.4
3	AQEU	9.04%	+0.02	3	AQEU	15.15	+0.48	3	CEUX	19.1	+2.0
4	TQEX	4.64%	-2.97	4	TQEX	33.85	-3.83	4	TQEX	2.5	-0.1
5	BATE	0.05%	-0.12	5	BATE	205.02	-108.40	5	BATE	0.1	0.0
6	TRQX	0.01%	-0.40	Monthl	y Spread	Trend		Monthl	y Depth T	rend	
0.1 0.1 0.1	4 2 .1	0.00%	-0.01	50 40 30 20 10 0 22	20 20 30 17-30	4 01-Aug 18	Aug 31-Aug	e 4 2		Aug (1-Aug 16	Aug 31-Aug
0.0	6		4.	25k E	UR deal	Spread	Change	50BPS	5 Depth Venue	(deeper into	book)
	02-34 17	Jul 01-Aug 16-	Aug 31-Aug			(bps)				EUR)	
-		1		1	XMAD	15.61	-0.16	1	XMAD	772.4	+41.4
				2	AQEU	29.33	-2.54	2	AQEU	119.3	-6.5
				3	CEUX	30.04	-0.65	3	CEUX	118.5	-0.8
arket	Share Tre	end	-	4	TQEX	494.15	n/a	4	TQEX	24.6 3.9	+1.0
		Jul 01-Aug 18-J	Aug 31-Aug	60 40 20 0 02	JU 17-34	4 01-Aug 18	Aug 31-Aug	10 8 6 4	y Depth T	rend	HAUG 31-AUG
value tradin avera ndex ast w	traden ng. The ging ov . The cu veek and	is based of d during share is ca ver all stoo rrent value s d the change us week.	continuous lculated by cks in the shown is for	sprea the l over based books for t	d of the book. T the stoo d on mea s every	e best visib he result cks in the i asurements 30 seconds ad is quot	bid to offer le orders in is averaged ndex and is of the order s. The value ed in basis	of vis the o of mi over based book	ible liqu rder boo d price. the stoo d on mea every	measures idity (bids a ok within 10 The result cks in the ii asurements 30 second 0s of EUR.	nd offers)) or 50 BF is average ndex and of the ord

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices t touch Best Price (%) Rank Venue Change 1 XMAD +0.50 4.68 2 CEUX +1.31 3.45 3 AQEU -0.49 1.67 4 TQEX 0.67 +0.11

Current Period

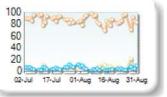
Comparison Period





25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	85.90	-2.61
2	CEUX	5.24	+2.32
3	AQEU	4.37	-1.57
4	TQEX	0.02	-0.01
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend

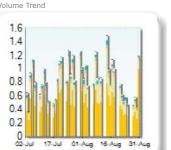


LiquidMetrix Battlemap for ARCELORMITTAL SA

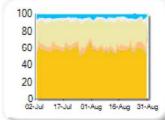
Market Share

Rank	Venue	Market Share	Change
1	ENXT	59.17%	+0.42
2	CEUX	27.58%	+0.91
3	XMAD	5.42%	-1.12
4	TQEX	3.78%	-0.10
5	AQEU	3.68%	-0.38
6	BATE	0.20%	+0.08
7	TRQX	0.18%	+0.17
8	CHIX	0.01%	+0.01
9	AQXE	0.01%	+0.00

Volume Trend



Market Share Trend



n

02-Jul

25k EUR deal

Venue

ENXT

CEUX

XMAD

AQEU

TQEX

BATE

17-Jul

Monthly Spread Trend

Rank

1

2

3

4

5

6

25 20

15

5

0

02-Jul

17-34

01-Aug

Spread

(bps)

4.73

6.89

8.16

9.60

20.63

252.05

01-Aug

16-Aug

31-Aug

Change

-0.40

-1.22

-0.13

-0.28

-0.21

-60.42

16-Aug 31-Aug

Rank	Venue	Spread (bps)	Change
1	ENXT	3.61	-0.18
2	CEUX	3.95	-0.24
3	AQEU	4.11	+0.10
4	XMAD	6.74	-0.19
5	TQEX	7.55	-0.42
6	BATE	373.78	-26.42
Monthly	y Spread	Trend	

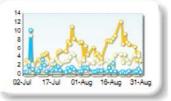
Current Period Comparison Period

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices

At tou	ch		
Rank	Venue	Best Price (%)	Change
1	ENXT	6.36	+1.35
2	CEUX	3.12	+0.02
3	TQEX	0.97	-0.05
4	AQEU	0.85	-0.57
5	BATE	0.15	-0.08
6	CHIX	0.00	0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	ENXT	62.35	-8.79
2	CEUX	16.65	+0.00
3	AQEU	1.40	-2.33
4	TQEX	0.14	-0.05
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

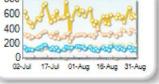
Book Depths

Rank	Venue	Depth (1K EUR)	Change
1	ENXT	556.2	-11.1
2	XMAD	332.7	+29.2
3	CEUX	152.4	+21.3
4	AQEU	128.5	-4.9
5	TQEX	23.4	-3.0
6	BATE	0.2	+0.0
Ionthl	y Depth T	rend	
800		0 808	

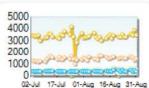
10BPS Depth (top of book)

F

М

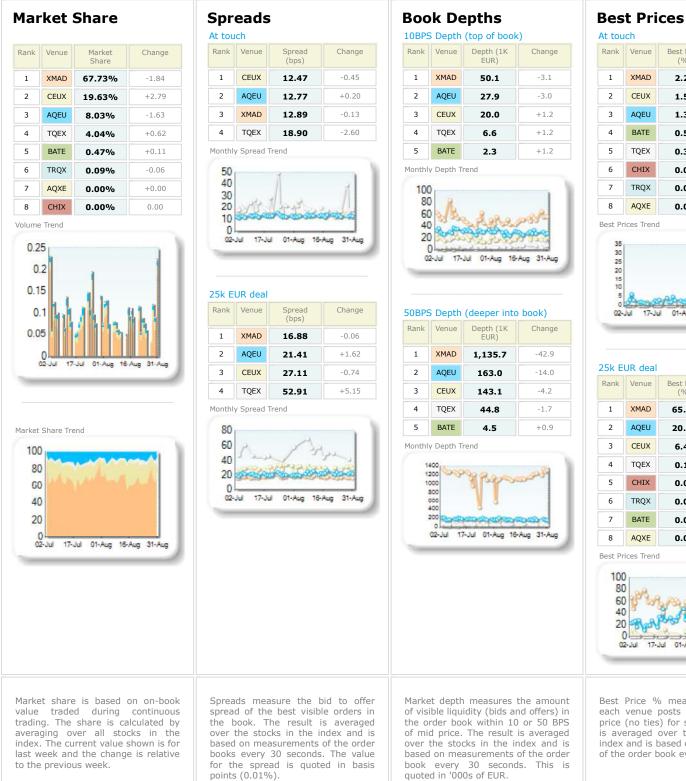


50BPS	5 Depth	(deeper into	book)
Rank	Venue	Depth (1K EUR)	Change
1	ENXT	3,382.3	+47.1
2	XMAD	1,509.3	+114.5
3	CEUX	528.7	+86.4
4	AQEU	418.2	+20.8
5	TQEX	207.1	-6.6
6	BATE	4.0	-1.1
Monthly	y Depth T	rend	



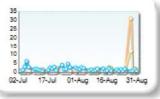
Spreads

LiquidMetrix Battlemap for Naturgy Energy Group SA



Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

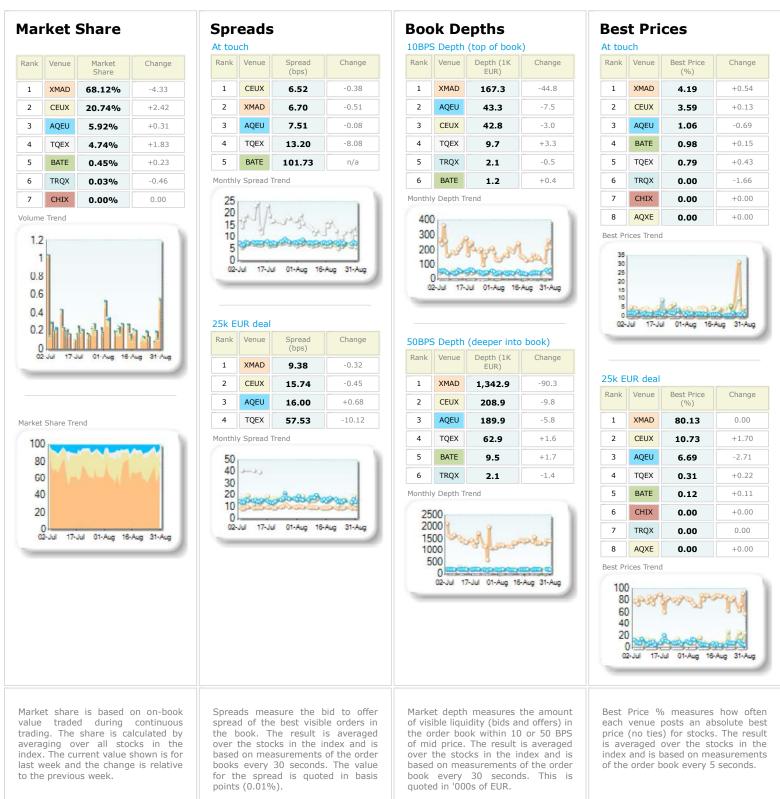
Rank	Venue	Best Price (%)	Change
1	XMAD	2.28	-0.24
2	CEUX	1.56	+1.13
3	AQEU	1.35	-0.92
4	BATE	0.53	+0.24
5	TQEX	0.36	+0.03
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00
Best Pr	ices Tren	d	



25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	65.93	+6.72
2	AQEU	20.53	-5.68
3	CEUX	6.41	+2.24
4	TQEX	0.15	-0.06
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

01-Aug 16-Aug 31

LiquidMetrix Battlemap for RED ELECTRICA CORPORACION SA RED ELECTRICA



Current Period Comparison Period

	Net	Share		Spi At to
ank	Venue	Market Share	Change	Rank
1	XMAD	67.45%	-6.90	1
2	CEUX	21.06%	+4.75	2
3	TQEX	5.91%	+1.79	3
4	AQEU	5.18%	+0.60	4
5	BATE	0.29%	-0.13	5
6	TRQX	0.10%	-0.10	6
7	CHIX	0.00%	-0.01	Month
4	Trend	1		a
4	14	01-Aug 18-/	Aug 31-Aug	

ads

At tou	ch		
Rank	Venue	Spread (bps)	Change
1	CEUX	5.61	-0.59
2	XMAD	5.73	-0.73
3	AQEU	6.34	-0.62
4	TQEX	7.20	-1.75
5	BATE	299.29	+47.00
6	AQXE	501.00	+0.00
1onthl	y Spread	Trend	
12	11051-011		

Current Period Comparison Period

Change

+13.5

-6.8

+10.5

+4.3

-0.5

16-Aug 31-Aug

Change

+196.7

+50.4

-15.7

+31.0

-2.6

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

600

10BPS Depth (top of book)

Depth (1K EUR)

338.3

99.2

95.1

28.7

1.1

01-Aug

Depth (1K EUR)

2.368.2

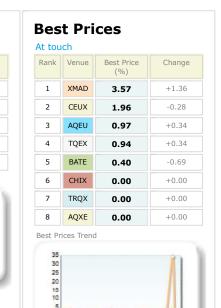
376.9

323.3

122.8

6.8

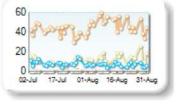
01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023



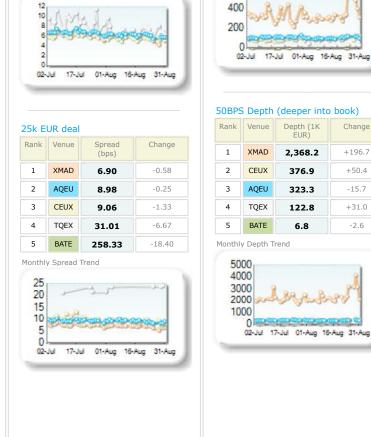


25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	47.72	+6.77
2	CEUX	12.80	+2.99
3	AQEU	6.51	-1.64
4	TQEX	0.87	+0.22
5	BATE	0.02	-0.11
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.



Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

01-Aug

16-Aug 31-Aug

17-Jul

Market Share Trend

100

80

60

40

20

02-Jul

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%). Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$ of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for

Mar	ket S	Share		Spr At tou	eads					epths (top of bool	k)	Bes At tou	t Pri	ces	
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	67.11%	-0.96	1	XMAD	11.72	+0.14	1	XMAD	63.5	-2.0	1	XMAD	4.95	-2.38
2	CEUX	19.92%	-0.43	2	CEUX	12.03	-0.72	2	AQEU	24.8	+4.2	2	CEUX	2.96	+0.17
3	AQEU	9.65%	-0.04	3	AQEU	12.75	-0.09	3	CEUX	17.2	+2.9	3	AQEU	2.55	-0.34
4	TQEX	3.06%	+1.47	4	TQEX	33.42	-15.18	4	TQEX	2.0	+1.0	4	TQEX	0.49	+0.34
5	BATE	0.14%	-0.03	Monthly	/ Spread T	rend		Monthl	y Depth Ti	rend		5	BATE	0.06	-0.14
6	TRQX	0.13%	+0.00	50				12				6	CHIX	0.00	+0.00
ume	Trend			40 30	1A	to you to	52.8			89	00 0	7	TRQX	0.00	+0.00
0.1	11 30 17-3	d 01-Aug 16-	Aug 31-Aug	25k El Rank	Venue XMAD AQEU	Spread (bps) 16.09 27.42	Change +0.02 -1.91	SOBPS Rank	C Depth Venue XMAD AQEU	(deeper into Depth (1K EUR) 1,022.2 123.7	book) Change +46.0 +2.1	5 02- 25k E Rank	UR deal Venue	01-Aug 18-/ Best Price	
				3	CEUX	35.20	-3.66	3	CEUX	111.9	+11.3	Rank	venue	(%)	Chang
irket	Share Tre	nd		Monthly	/ Spread T	rend		4	TQEX	24.4	+2.5	1	XMAD	80.08	-9.31
100				60		2		5	BATE	23.8	-1.2	2	AQEU	10.78	+2.6
80			7	40	4400	JAA.	A 2 3	Monthl	y Depth Ti	rend	-	3	CEUX	3.82	+1.7
60				20	Social Second	and a second	200		200	AL DA	Res Aug	4	CHIX	0.00	+0.0
40				02-	Jul 17-Jul	01-Aug 18-	Aug 31-Aug		800 600	- Harr	×	5	TRQX	0.00	+0.0
20									400			6	BATE	0.00	+0.00
		lul 01-Aug 16-	Aug 31-Aug						02-Jul 17	7-Jul 01-Aug 16	B-Aug 31-Aug	7	TQEX	0.00	+0.00
												100 80 60 20 0		A D D Aug 16-	Aug 31-Au
alue radin verag ndex. ast w	tradeo g. The ging ov The cu eek and	is based of d during share is ca ver all stoo rrent value s d the change is week.	continuous lculated by cks in the shown is for	spread the b over t based books	d of the book. Th the stoc on mea every the ne sprea	e best visib ne result i ks in the in surements 30 seconds ad is quote	bid to offer le orders in s averaged ndex and is of the order . The value ed in basis	of vis the o of mi over based	ible liqui rder boo d price. the stoo l on mea	idity (bids a ok within 10 The result cks in the i asurements	the amount nd offers) in O or 50 BPS is averaged ndex and is of the order ds. This is	each price is ave index	venue (no ties eraged and is t	o measures posts an ab) for stocks over the sto pased on me ook every 5	solute b . The rest ocks in asureme

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

LiquidMetrix Battlemap for Banco de Sabadell SA

to the previous week.

1ar	ket s	Share		Spr	eads			Boo	ok De	epths	
				At tou	ıch			10BP9	5 Depth	(top of book	<)
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
1	XMAD	64.11%	-0.17	1	XMAD	7.73	-0.51	1	XMAD	184.8	+0.9
2	CEUX	26.69%	+1.42	2	CEUX	7.74	-0.47	2	CEUX	51.4	+6.0
3	AQEU	4.66%	-0.53	3	AQEU	8.78	+0.09	3	AQEU	46.2	-4.4
4	TQEX	4.04%	-0.75	4	TQEX	11.19	-1.41	4	TQEX	11.5	+0.4
5	BATE	0.39%	+0.11	5	BATE	42.73	-168.82	5	BATE	2.4	+0.3
6	TRQX	0.10%	-0.07	Monthl	y Spread T	īrend		Monthl	y Depth T	rend	
7	CHIX	0.01%	0.00	25 20			- N	35		9	1
1.2 1 0.8 0.6	5	1		5 0 02-	Jul 17-Ju	/ 01-Aug 16	-Aug 31-Aug		0 0 2-Jul 17-	Jul 01-Aug 16-	Aug 31-A
0.4	1 2	allar		25k E	UR deal	Spread	Change	50BPS Rank	5 Depth Venue	(deeper into	book)
0.2	a trail a	1	17. 1	Kalik	venue	(bps)	Change	Kalik	venue	EUR)	Chang
02)	ul 01-Aug 16-/	Aug 31-Aug	1	XMAD	10.14	-0.55	1	XMAD	1,704.0	+24.6
				2	CEUX	15.30	-1.73	2	CEUX	246.0	+10.7
				3	AQEU	17.53	+1.59	3	AQEU	190.8	-16.2
				4	TQEX	56.88	+1.50	4	TQEX	64.4	-10.1
arket	Share Tre	end		Monthl	y Spread T	rend		5	BATE y Depth T	3.6	-0.8
		Jul 01-Aug 16-	Aug 31-Aug	30 20 10 0 02	Jul 17-Ju	Ø 01-Aug 16	-Aug 31-Aug	22	000 500 000 000 000 000 000 000 000 000	7-Jul 01-Aug 18	Aug 31-Au
alue		e is based o d_during	continuous				bid to offer le orders in			ı measures idity (bids aı	

for the spread is quoted in basis points (0.01%).

Current Period Comparison Period

book every 30 seconds. This is quoted in '000s of EUR.

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

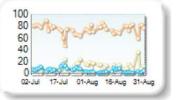
Best Prices At touch

XMAD CEUX	4.69 3.13	+3.71
	3.13	+0.98
AQEU	0.74	-0.61
TQEX	0.66	+0.37
BATE	0.36	+0.26
CHIX	0.00	+0.00
TRQX	0.00	+0.00
AQXE	0.00	+0.00
	TQEX BATE CHIX TRQX AQXE	TQEX 0.66 BATE 0.36 CHIX 0.00 TRQX 0.00



25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	75.86	+2.16			
2	CEUX	12.75	+2.11			
3	AQEU	3.24	-4.68			
4	TQEX	0.16	-0.15			
5	BATE	0.01	0.00			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			

Best Prices Trend



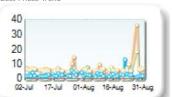
LiquidMetrix Battlemap for

				At to	1	
lank	Venue	Market Share	Change	Rank	Venue	Sp (
1	XMAD	67.34%	-1.38	1	CEUX	3
2	CEUX	24.53%	+2.00	2	XMAD	з
3	AQEU	5.61%	-0.26	3	AQEU	3
4	TQEX	2.24%	-0.21	4	TQEX	6
5	BATE	0.22%	-0.11	5	BATE	34
6	TRQX	0.04%	-0.03	Month	ly Spread	Trend
7	CHIX	0.01%	0.00	12		2
8	AQXE	0.00%	+0.00	10		
4	e Trend			8 4 2 02	- Contraction	an fo
4	-			6 4 02 02	17 3] 3 17 3] 3	
4	-			6 4 02 02	1 3 3 9 	S
4 3 2 1	e Trend			25k E	UR deal	S (
4 3 2 1	e Trend		Aug 31-Aug	25k E Rank	UR deal Venue	
4 3 2 1	e Trend			25k E Rank	UR deal Venue XMAD	
4 3 2 1	e Trend			25k E Rank	UR deal Venue XMAD CEUX	SI (4
4 3 2 1	e Trend	01-Aug 18-		25k E Rank 1 2 3	UR deal Venue XMAD CEUX AQEU	SI (
4 3 2 1	e Trend	01-Aug 18-		25k E Rank 1 2 3 4 5	UR deal Venue XMAD CEUX AQEU TQEX	SI (((2 (41

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

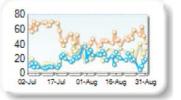
Best Prices

XMAD CEUX AQEU	6.84 6.14	+0.67 +1.89
		+1.89
AQEU	2.74	
-	2.74	+0.87
TQEX	1.00	+0.24
BATE	0.68	-0.81
CHIX	0.00	0.00
TRQX	0.00	+0.00
AQXE	0.00	+0.00
	BATE CHIX TRQX AQXE	BATE 0.68 CHIX 0.00 TRQX 0.00



Rank	Venue	Best Price	Change
1	XMAD	(%)	-9.39
1	AMAD	46.51	-9.59
2	CEUX	26.94	+7.09
3	AQEU	21.12	+5.81
4	TQEX	0.10	-0.04
5	BATE	0.02	-0.03
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.



-0.23 -0.64 -0.71

-10.97

+111.13

10.000

16-Aug 31-Aug

5

0

02-Jul

17-Jul

01-Aug

Spreads measure the bid to offer

spread of the best visible orders in

the book. The result is averaged over the stocks in the index and is based on measurements of the order

books every 30 seconds. The value

for the spread is quoted in basis points (0.01%).

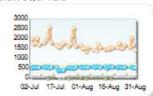
Book Depths

.0BPS	5 Depth	(top of book	()
Rank	Venue	Depth (1K EUR)	Change
1	XMAD	500.9	-78.4
2	AQEU	210.3	+22.2
3	CEUX	195.2	+16.0
4	TQEX	21.1	+1.6
5	BATE	0.7	+0.2
1onthl	y Depth T	rend	
10	00		-)

800 600 400 200 0 02-Jul 17-Jul 01-Aug 16-Aug 31-Aug

50BPS Depth (deeper into book) Rank Venue Depth (1K Change EUR)

		2014)				
1	XMAD	1,563.1	-308.9			
2	CEUX	616.5	+21.2			
3	AQEU	542.8	+37.7			
4	TQEX	211.5	+28.5			
5	BATE	5.3	-5.5			
Monthly Depth Trend						



Market depth measures the amount

of visible liquidity (bids and offers) in

the order book within 10 or 50 BPS of mid price. The result is averaged

over the stocks in the index and is

based on measurements of the order

book every 30 seconds. This is quoted in '000s of EUR.

Banco Santander SA

20

02-Jul

01-Aug

Market share is based on on-book value traded during continuous

trading. The share is calculated by averaging over all stocks in the index. The current value shown is for

last week and the change is relative

to the previous week.

17-Jul

16-Aug 31-Aug

LiquidMetrix Battlemap for Sacyr Vallehermoso SA

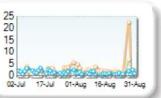


Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch Rank Venue Best Price (%) Change 1 XMAD 3.07 +0.45

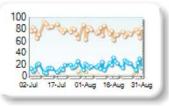
1	XMAD	3.07	+0.45
2	AQEU	1.00	-0.61
3	CEUX	0.96	-0.44
4	BATE	0.29	+0.40
5	TQEX	0.21	-0.06
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00





25k E	25k EUR deal							
Rank	Venue	Best Price (%)	Change					
1	XMAD	74.20	-5.37					
2	AQEU	20.02	+6.15					
3	CEUX	1.53	-0.20					
4	TQEX	0.09	+0.05					
5	CHIX	0.00	+0.00					
6	TRQX	0.00	+0.00					
7	BATE	0.00	+0.00					
8	AQXE	0.00	+0.00					

Best Prices Trend



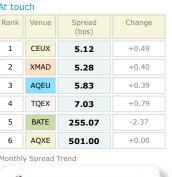
LiquidMetrix Battlemap for SOLARIA ENERGIA Y

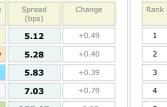
Ma	r ket :	Share			eads	;				pths		Bes	st Pri	ces	
				At tou	Jch			10BP	S Depth	(top of boo	ok)	At to	uch		
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	66.77%	+6.83	1	XMAD	10.50	+0.29	1	XMAD	72.8	-3.0	1	XMAD	7.62	+3.59
2	CEUX	22.08%	-3.80	2	CEUX	11.10	+0.37	2	AQEU	17.5	-1.3	2	CEUX	5.50	+0.15
3	AQEU	6.85%	-2.07	3	AQEU	11.11	+0.33	3	CEUX	14.1	-2.4	3	AQEU	2.96	-0.76
4	TQEX	3.95%	-0.76	4	TQEX	43.89	+5.57	4	TQEX	1.3	-0.7	4	TQEX	0.71	+0.34
5	BATE	0.28%	-0.09	Monthl	ly Spread T	Frend		5	BATE	0.4	0.0	5	BATE	0.33	-0.20
6	TRQX	0.08%	-0.09	50				Month	ly Depth Tr	rend		6	CHIX	0.00	+0.00
Volum	e Trend			40 30	2 373	15	RA		20			7	TRQX	0.00	+0.00
0	.2			20	00.000		marks.	1	80 99/99 0	AL PAR	87% J	8	AQXE	0.00	+0.00
0.0	0	Jul 01-Aug 16-	Aug 31-Aug	25k E Rank 1 2 3	Venue XMAD AQEU CEUX	Spread (bps) 15.24 30.06 34.61	Change +0.75 +1.34 +3.22	50BP Rank	S Depth Venue XMAD CEUX	(deeper int Depth (1K EUR) 923.0 118.1	Change -73.1 -10.6	- Common		a 01-Aug 16-	Aug 31-Aug
Market	: Share Tre	end		Monthl	ly Spread T	Frend		3	AQEU	109.5	-3.9	Rank	Venue	Best Price (%)	Change
10	0			40		Q		4	TQEX	20.4	-3.4	1	XMAD	96.11	+1.65
8		-		30	Bags	and a stand	Brook	5	BATE	5.1	-4.0	2	AQEU	2.33	-0.53
6			AAA	20	3Pyson	100 400 400 400 400 400 400 400 400 400	Sec.	Month	ly Depth Tr	rend		3	CEUX	1.47	-0.95
4	0			0					1200	29.0		4	TQEX	0.03	-0.11
2				02-	-Jul 17-Ju	il 01-Aug 16	Aug 31-Aug		800	uh access	Brock	5	CHIX	0.00	+0.00
	04 12-Jul 17-	Jul 01-Aug 16-/	Aug 31-Aug						400			6	TRQX	0.00	+0.00
100									0	-Jul 01-Aug 1		7	BATE	0.00	+0.00
								1000	02-001 17	-ou orney r	over siver	8	AQXE	0.00	+0.00
												6 4 2		Jul 01-Aug 16-	
value tradir avera index last v	trade ng. The iging ov . The cu veek and	e is based o d during share is cal ver all stoc urrent value s d the change us week.	continuous lculated by cks in the shown is for	sprea the l over based books for t	nd of the book. The the stoc d on mea s every	e best visib he result cks in the i asurements 30 seconds ad is quot	bid to offer le orders in is averaged ndex and is of the order . The value ed in basis	of vis the c of mi over based book	the stoc order boo d price. the stoc d on mea every	idity (bids a ok within 1 The result cks in the asurements	the amount and offers) in 0 or 50 BPS is averaged index and is of the order ids. This is	each price is av index	venue (no ties eraged and is b	posts an ab) for stocks over the st	how often osolute best . The result ocks in the asurements seconds.

Current Period Comparison Period 01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

ank	Venue	Market Share	Change	R
1	XMAD	72.61%	-0.26	
2	CEUX	17.74%	-0.04	
3	AQEU	5.40%	+0.56	
4	TQEX	3.87%	+0.01	
5	BATE	0.28%	-0.16	
6	TRQX	0.08%	-0.13	
7	CHIX	0.01%	+0.00	M
8	AQXE	0.01%	+0.00	
3.5 3 2.5 2 1.5 1 0.5				2! R

eads





Current Period Comparison Period

Change

+3.8

-10.9

-10.2

-4.5

+0.3

16-Aug 31-Aug

Change

+373.5

-0.8 -17.8

-9.1

+1.0

+0.1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

437.6

104.9

96.8

24.2

1.3

01-Aug

Depth (1K EUR)

2,528.6

582.2

443.9

242.2

7.7

2.9

02-Jul 17-Jul 01-Aug 16-Aug 31-Aug

5000

4000

3000

2000

1000

0

17-Jul

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023

Best Prices At touch

Rank	Venue	Best Price (%)	Change				
1	XMAD	4.08	-0.71				
2	CEUX	2.93	+0.29				
3	BATE	1.26	-0.05				
4	AQEU	0.85	-0.22				
5	TQEX	0.84	+0.24				
6	CHIX	0.00	+0.00				
7	TRQX	0.00	+0.00				
8	AQXE	0.00	+0.00				
Best Pr	Best Prices Trend						

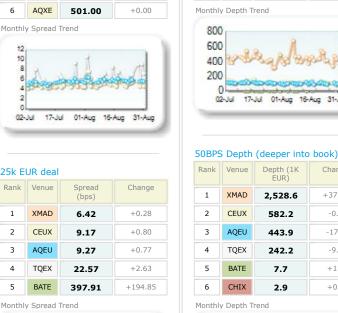


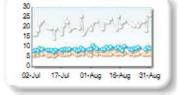
25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	67.15	+4.16			
2	CEUX	14.20	-1.64			
3	AQEU	5.83	-1.66			
4	TQEX	0.70	-0.21			
5	BATE	0.02	+0.02			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			

Best Prices Trend

100 80 60 40 20 0 01-Aug 16-Aug 31-Aug 02 -Jul 17-Jul

Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.





Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week.

Market Share Trend

100

80

60

40

20

02-Jul

17-Jul

61-Aug

16-Aug 31-Aug

Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 $\ensuremath{\mathsf{BPS}}$ of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

LiquidMetrix Battlemap for UNICAJA BANCO. S.A.

larket Share			Spreads				Book Depths				Best Prices			
ank Venu	e Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Chang
L XMAD	84.38%	+14.77	1	XMAD	15.39	+2.78	1	XMAD	72.8	+28.8	1	XMAD	2.63	+0.8
CEUX	8.76%	-8.45	2	AQEU	15.41	+3.25	2	AQEU	32.5	+5.3	2	AQEU	1.68	-2.9
AQEL	4.88%	-5.55	3	CEUX	15.97	+2.95	3	CEUX	15.7	+5.0	3	CEUX	1.18	-1.6
TQEX	1.74%	-0.70	4	TQEX	34.36	-3.74	4	TQEX	3.2	+1.8	4	TQEX	0.26	-0.0
TRQX	0.13%	-0.15	Monthly	y Spread T	rend		5	BATE	0.5	+0.0	5	BATE	0.13	+0.0
BATE	0.12%	+0.08	50 40	at ran			Monthl	y Depth Ti	rend		6	CHIX	0.00	+0.0
2.5 2 1.5 1			30 20 10 0. 02-	Jul 17-Ju	1 01-Aug 18-	Aug 31-Aug		A.	NI 01-Aug 16	Aug 31-Aug	7 Best Pr 20 15 10 5 0 02-	TRQX ices Trend	Black	+0.0
0.5	0.000 2 0 01-Aug 18-	Aug 31-Aug	Rank 1	Venue XMAD	Spread (bps) 18.93	Change +0.96	Rank	Venue	(deeper into Depth (1K EUR)	Change	Trees	UR deal	i unag itu	-by 51%
			2	AQEU CEUX	24.54 44.74	+3.00	1	XMAD AQEU	1,196.6 139.9	+220.9	Rank	Venue	Best Price (%)	Chan
arket Share Trend			4	TQEX	82.92	+5.23	3	CEUX	90.4	-1.4	1	XMAD	71.21	+7.7
100			Monthly	y Spread T	rend		4	TQEX	27.0	-0.1	2	AQEU	15.11	-18.2
80	myth		80				5	BATE	1.8	+0.1	3	CEUX	2.30	+1.5
60			60		A.B.A.	RR	Monthl	y Depth Ti	rend		4	TQEX	0.02	+0.0
40			40	39.73	20000	Charge and		00	2	2000	5	CHIX	0.00	+0.0
20			0	312000	a ground		1	000 29×32	Ser.	~ 8	6	TRQX	0.00	+0.0
0 - 02-Jul	17-Jul 01-Aug 18-	Aug 31-Aug	G2-	Jul 17-Ju	i 01-Aug 16-	Aug 31-Aug		200 0 0 0 22-Jul 17	Juli 01-Aug 16	Aug 31-Aug	100 80 60 40 20	33 Res	0.00	+0.0
arket sha ilue trad ading. Th reraging dex. The st week a the prev	Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).				of vis the o of mi over based book	Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.				Best Price % measures how o each venue posts an absolute price (no ties) for stocks. The re is averaged over the stocks in index and is based on measurem of the order book every 5 second				

01-Aug-2023 to 31-Aug-2023 01-Jul-2023 to 31-Jul-2023