larket Share							
Rank	Venue	Market Share	Change				
1	XMAD	67.37%	-0.53				
2	CEUX	22.27%	+0.48				
3	AQEU	5.27%	-0.29				
4	TQEX	4.68%	+0.19				
5	BATE	0.18%	+0.02				
6	CHIX	0.15%	+0.13				
7	TRQX	0.08%	0.00				
8	AQXE	0.00%	0.00				

Volume Trend

Market Share Trend

100

80 60

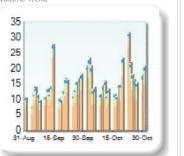
40

20

15-Sep 30-Sep

15-Oct 30-Oct

Ν



Rank	Venue	Spread (bps)	Change
1	CEUX	6.31	+0.27
2	XMAD	6.34	+0.08
3	AQEU	7.47	+0.13
4	TQEX	11.44	+0.59
5	BATE	92.24	n/a
6	CHIX	217.81	n/a
Ionthl	y Spread	Trend	
16			

15-Sep 30-Sep

Current Period Comparison Period

Change

-18.7

-1.7

-4.5

+0.3

-0.4

15-Oct 30-Oct

Change

-85.8

-3.2

-10.5

+0.3

+2.6

+1.7

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend 250 200 150

Rank

1

2

3

4

5

100

50

0 31-Aug

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

500

0

10BPS Depth (top of book)

Depth (1K EUR)

178.7

56.1 53.5

12.1

2.0

15-Sep 30-Sep

Depth (1K EUR)

1,375.5

263.0

220.5

78.6

10.1

8.0

31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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

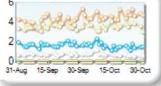
book every 30 seconds. This is quoted in '000s of EUR.

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices

Rank	Venue	Best Price (%)	Change
1	XMAD	4.61	+0.95
2	CEUX	3.63	+0.04
3	AQEU	1.57	-0.05
4	TQEX	0.71	-0.02
5	BATE	0.04	0.00
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00





25k EUR deal							
Rank	Venue	Best Price (%)	Change				
1	XMAD	76.74	+4.15				
2	CEUX	8.16	-0.48				
3	AQEU	5.48	-2.28				
4	TQEX	0.21	-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				

Best Prices Trend

80 19900 Parts - 20 60 40 20 0 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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.



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%).

15-Oct 30-Oct

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

12

31-Aug

LiquidMetrix Battlemap for

to the previous week.

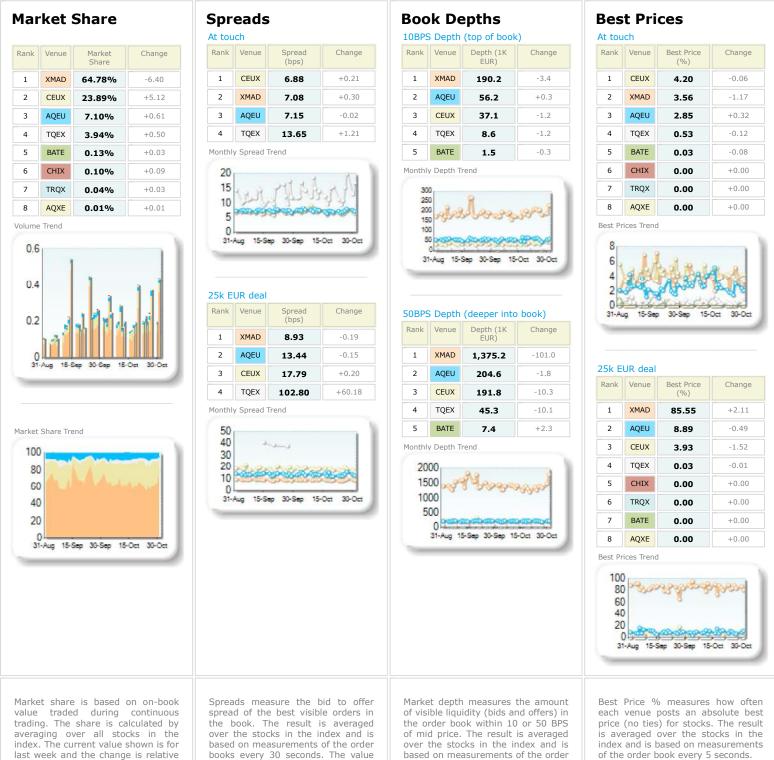
ACS Actividades de Construccion y Servicios SA

Comparison Period

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

Current Period

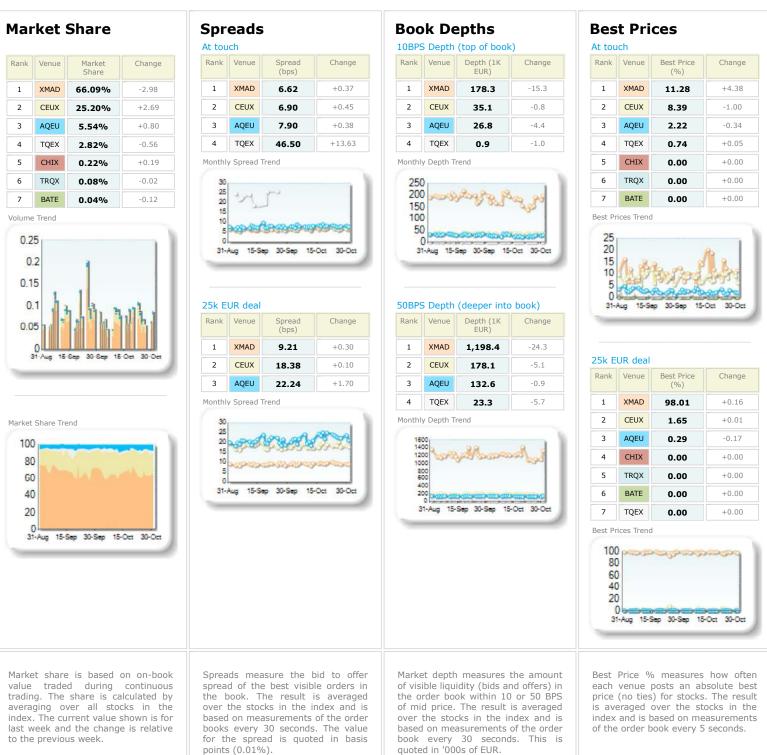
01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023



for the spread is quoted in basis

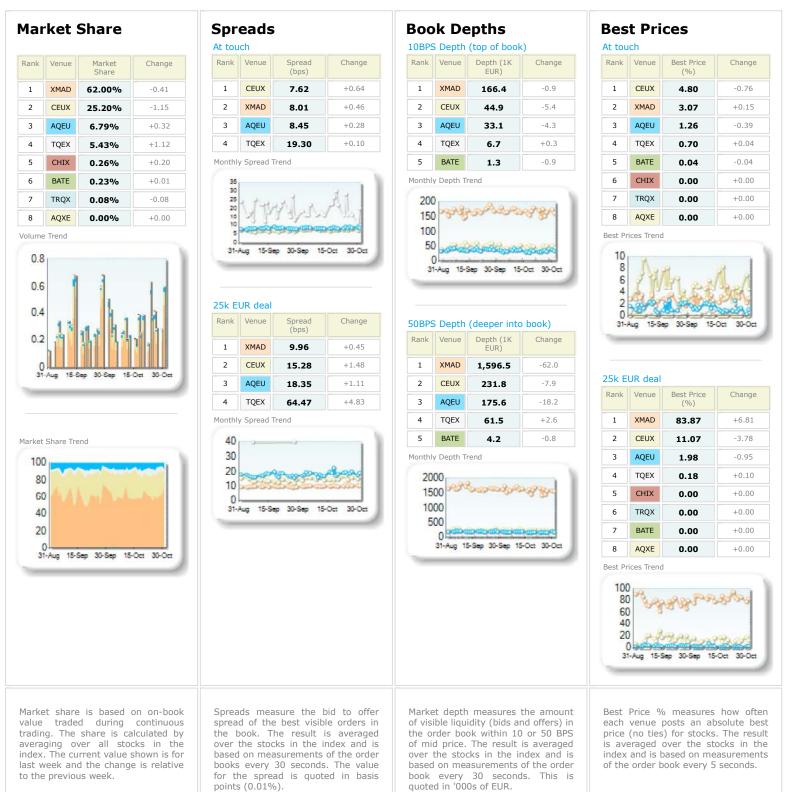
points (0.01%).

Acerinox SA



Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023 Aena SA



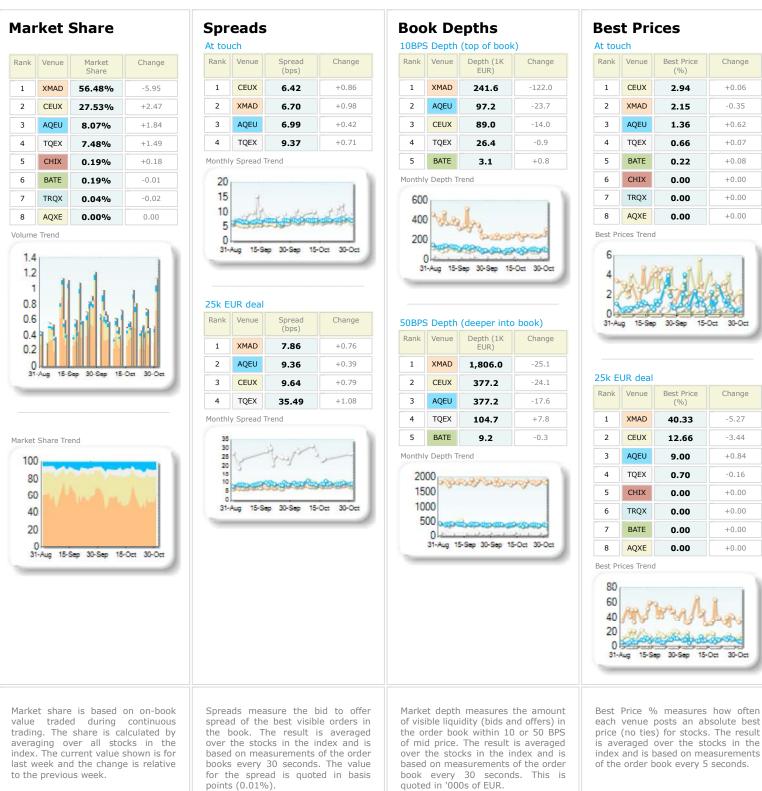
Current Period

Comparison Period

01-Oct-2023 to 31-Oct-2023

01-Sep-2023 to 30-Sep-2023

LiquidMetrix Battlemap for Amadeus IT Holding SA



Current Period Comparison Period 01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Acciona SA **Market Share** Spreads At touch Rank Venue Rank Venue Market Share Change Spread (bps) 1 XMAD 9.71 1 XMAD 66.79% -2 01 2 CEUX 2 CEUX 9.85 22.94% +1.263 AQEU +0.42 3 AQEU 10.82 5.89% 4 4 TQEX +0.15 TQEX 37.25 4.08% +0.10 Monthly Spread Trend 5 CHIX 0.13%

+0.09

0.00

Rank

1

2

3

50

30

20

10

0

Volume Trend

Market Share Trend

100

80

60

40

20

TROX

BATE

6

7



0.11%

0.07%



Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Change

+3.70

-1.35

+0.00

-0.16

+0.00

+0.00

+0.00

30-Oct

Change

+1.97

-2.38

+0.59

-0.04

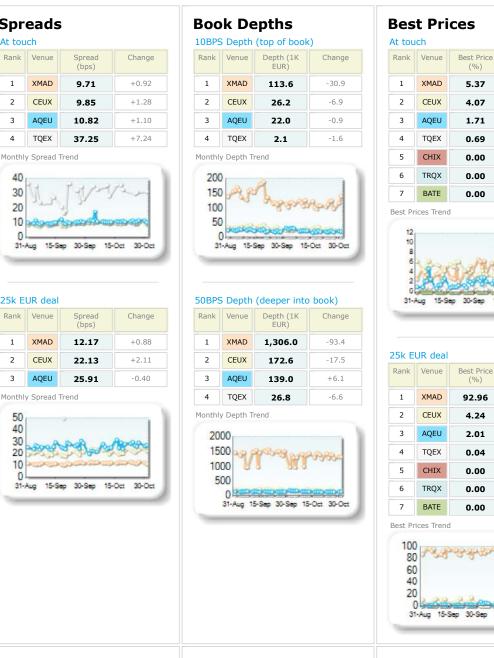
+0.00

+0.00

+0.00

15-Oct 30-Oct

15-Oct



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.

15-Sep 30-Sep 15-Oct 30-Oct

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 CORP ACCIONA ENERGIAS RENOVABLES 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

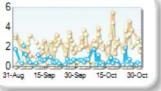
to the previous week.

Market Share Spreads **Book Depths** 10BPS Depth (top of book) At touch Depth (1K EUR) Venue Rank Venue Rank Venue Rank Market Share Change Spread Change (bps) XMAD CEUX 15.38 +1.731 53.3 1 XMAD 59.46% -3.05 1 2 XMAD 2 CEUX 2 CEUX 15.61 +1.80 18.4 28.61% +3.55AQEU -0.84 3 AQEU 16.54 +2.11 3 AQEU 13.5 3 7.99% 4 BATE 4 TQEX +0.09 TQEX 36.96 +7.08 4 2.3 3.37% +0.17 Monthly Spread Trend 5 TQEX 5 BATE 0.43% 2.1 +0.14 Monthly Depth Trend 6 CHIX 0.14% 50 40 30 20 7 AQXE 0.00% +0.00 100 80 Volume Trend 60 10 40 0.4 0 20 31-Aug 15-Sep 30-Sep 15-0H 30-0H 0 0.3 31-Aug 15-Sep 30-Sep 0.2 25k EUR deal 0.1 Rank Spread (bps) Venue Change 50BPS Depth (deeper into book) Rank Depth (1K Venue 0 XMAD 19.45 +1.76 1 EUR) 2 CEUX 33.97 +5.68 XMAD 1 951.1 3 AQEU 39.43 +6.12 2 CEUX 116.7 +9.12 4 TQEX 89.47 3 AQEU 99.4 Monthly Spread Trend 4 TQEX 25.7 Market Share Trend 5 BATE 3.8 50 100 40 Monthly Depth Trend 80 30 20 60 10 1200 40 1000 0 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct 20 400 200 15-Sep 30-Sep 15-Oct 30-Oct 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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

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

At tou	ich		
Rank	Venue	Best Price (%)	Change
1	CEUX	2.60	+0.70
2	XMAD	2.58	+1.02
3	AQEU	0.65	-0.02
4	BATE	0.19	+0.04
5	TQEX	0.15	-0.11
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00



25k EUR deal								
Rank	Venue	Best Price (%)	Change					
1	XMAD	86.98	+12.12					
2	CEUX	7.39	-4.16					
3	AQEU	1.31	-1.60					
4	CHIX	0.00	+0.00					
5	TRQX	0.00	+0.00					
6	BATE	0.00	+0.00					
7	AQXE	0.00	+0.00					
8	TQEX	0.00	-0.01					

Best Prices Trend

100 80 60 40 20 04 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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

Change

-7.2

-7.1

-3.5

-0.2

-1.0

Change

-104.6

-38.9

-16.6

-6.7

+0.0

15-Oct 30-Oct

LiquidMetrix Battlemap for Banco Bilbao Vizcaya Argentaria SA

Mar	ket	Share	
Rank	Venue	Market Share	Change
1	XMAD	75.20%	+6.40
2	CEUX	18.30%	-3.46
3	AQEU	3.58%	-1.45
4	TQEX	2.63%	-1.33
5	BATE	0.14%	-0.06
6	CHIX	0.10%	+0.07
7	TRQX	0.05%	-0.12
8	AQXE	0.00%	-0.05
Volume	Trend		

Tren

Market Share Trend

100

80

60

40

20

0 31-Aug

15-Sep 30-Sep

15-Oct 30-Oct



Spreads

XMAD

CEUX

AQEU

TQEX

1 2

3

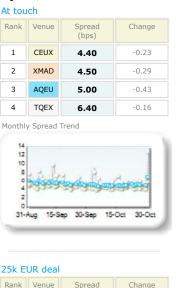
4

25 20

15 10

5

0 31-Aug



Current Period Comparison Period

Change

+51.6

+11.1

+31.3

+7.8

-1.2

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

1000

800

600 400

200

0

31-Aug

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

537.2

196.2

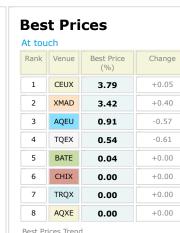
195.9

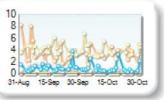
35.5

2.2

15-Sep 30-Sep 15-Oct 30-Oct

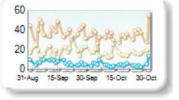
01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023





25k E	25k EUR deal							
Rank	Venue	Best Price (%)	Change					
1	XMAD	35.40	-4.04					
2	CEUX	16.86	-2.41					
3	AQEU	5.17	-2.07					
4	TQEX	0.43	-0.25					
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.

Spread (bps) Change 50BPS Depth (deeper into book) Rank Depth (1K EUR) Venue Change 5.24 -0.65 5.88 -0.81 XMAD 3,030.4 +135.8 1 -0.77 6.48 2 CEUX 872.4 +149.0 AQEU +59.0 20.41 -1.99 3 652.4 Monthly Spread Trend 4 TQEX 235.9 +49.0 5 CHIX 20.6 +1.96 BATE 13.3 +4.9Monthly Depth Trend 6000 15-Sep 30-Sep 15-Oct 30-Oct 4000 2000 0 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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%).

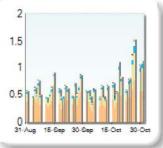
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

ar	ket	Share		Spr At tou	eads	1				epths (top of bool	K)	Bes At tou	t Pri	ces	
ık	Venue	Market	Change	Rank	Venue	Spread	Change	Rank	Venue	Depth (1K	K) Change	Rank	Venue	Best Price	Chan
		Share				(bps)				EUR)				(%)	
	XMAD	63.13%	-6.58	1	CEUX	7.31	+0.14	1	XMAD	158.3	-1.7	1	CEUX	5.59	+0.8
	CEUX	26.27%	+4.42	2	XMAD	7.60	+0.45	2	AQEU	39.9	+1.4	2	XMAD	4.34	+0.0
	AQEU	5.72%	+1.46	3	AQEU	8.21	-0.16	3	CEUX	39.1	+2.6	3	AQEU	1.18	+0.4
	TQEX	4.54%	+0.49	4	TQEX	20.01	+5.11	4	TQEX	5.9	-1.4	4	TQEX	0.77	+0.
	CHIX	0.16%	+0.16	Monthl	y Spread 1	rend			y Depth Tr	end		5	BATE	0.00	+0.
	BATE	0.13%	+0.03	30 25			21	25 20		388		6	CHIX	0.00	+0.
	TRQX	0.05%	+0.01	20 15	St B.	diame.	A Car	15	Asses	NNN	ARG	7	TRQX	0.00	+0.
	AQXE	0.00%	+0.00	10	August	10,00,00,000	-	10 5		-0.000 m	0	8	AQXE	0.00	+0.
0.4	141	hills		1	XMAD CEUX	(bps) 10.18 17.52	+0.50	1	XMAD CEUX	EUR) 1,314.3 221.1	-150.1				
	141	11/15								-					
	Aug 15-5	ep 30-Sep 15-	Oet 30-Oet	3	AQEU	17.93	+0.57	3	AQEU	172.8	-6.8	25k E	UR deal		
-				4	TQEX	61.19	+1.80	4	TQEX	57.9	-9.0	Rank	Venue	Best Price (%)	Chai
				Monthl	y Spread 1	īrend		5	BATE	9.6	+0.9	1	XMAD	88.60	-2.2
ket	Share Tre	end		50				Monthl	y Depth Tr	rend		2	CEUX	8.08	+2.
100)			40	-			20	00			3	AQEU	2.62	+0.
80	-			20	-	10000 000000	20000	15	00	South	Paparot	4	TQEX	0.02	-0.
60	1.0		And a large	10	100000		and and a second		00	8	8.	5	CHIX	0.00	+0.
40				31-	Aug 15-Se	ap 30-Sap 15	-Oct 30-Oct	9	0			6	TRQX	0.00	+0.
20)								31-Aug 15	-Sep 30-Sep 1	5-Oct 30-Oct	7	BATE	0.00	+0.
31		Sep 30-Sep 15-	-Oct 30-Oct									8	AQXE	0.00	+0.
-	40 M 70 M 10 M 10 M 10 M 10 M 10 M 10 M 1											Best Pr	rices Trenc		
														ing 30-Sep 15	њуж, -Ост 30
alue adin verag dex. st w	trade g. The ging ov . The cu veek and	d during share is ca ver all stoo	alculated by cks in the shown is for	sprea the the the based based books	d of the book. T the stoo l on mea s every	e best visib he result ks in the i asurements 30 seconds	bid to offer ole orders in is averaged index and is of the order s. The value ted 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 0 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 al) for stocks over the st pased on me pook every 5	osolute . The r ocks in easurem

Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

lank	Venue	Market Share	Change
1	XMAD	54.81%	-5.07
2	CEUX	31.53%	+3.86
3	AQEU	6.78%	+0.63
4	TQEX	6.30%	+0.31
5	BATE	0.23%	+0.07
6	TRQX	0.20%	+0.08
7	CHIX	0.15%	+0.13
8	AQXE	0.00%	0.00



Market Share Trend

100

80 60

40

20

15-Sep 30-Sep

Spreads

0

31-1

1000

25k E Rank

Monthl

e

2

31-Aug

15-Sep 30-Sep



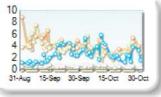


01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

-1.25

Best Prices At touch Rank Venue Best Price Change (%) XMAD 3.46 1

2	CEUX	3.05	-1.54					
3	AQEU	2.87	+2.22					
4	TQEX	0.62	-0.28					
5	BATE	0.06	-0.01					
6	CHIX	0.00	+0.00					
7	TRQX	0.00	+0.00					
8	AQXE	0.00	+0.00					
Best Pr	Best Prices Trend							



25k E	25k EUR deal										
Rank	Venue	Best Price (%)	Change								
1	XMAD	63.45	-2.60								
2	CEUX	19.15	+0.66								
3	AQEU	5.36	-1.35								
4	TQEX	0.58	+0.16								
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

80 60 40 20 0 15-Oct 30-0 31 15-30 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.

-	Last re	A	2
Aug 15-Se	p 30-Sep 15	-Oet 30-Oet	-
			50Bl
UR deal	Spread	Change	
	(bps)		1
XMAD	6.66	-0.41	2
CEUX	8.70	-0.73	3
AQEU	10.30	-0.38	4
TQEX	46.68	-6.96	5
y Spread T	rend		6
		81	Mont
			54

15-Oct

30-Oct

Book Depths 10BPS Depth (top of book)

TUDPS	s Depth	(top of book	9
Rank	Venue	Depth (1K EUR)	Change
1	XMAD	348.7	-4.6
2	CEUX	104.3	+9.8
3	AQEU	84.4	-1.3
4	TQEX	20.2	+2.5
5	BATE	2.7	+0.9
600 400 200		had	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
31	-Aug 15-	Sep 30-Sep 15	-Oct 30-Oct

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	2,211.3	+222.5
2	CEUX	413.4	+53.4
3	AQEU	301.2	+14.3
4	TQEX	82.6	+12.4
5	BATE	7.5	+2.1
6	CHIX	0.9	0.0

thly Depth Trend

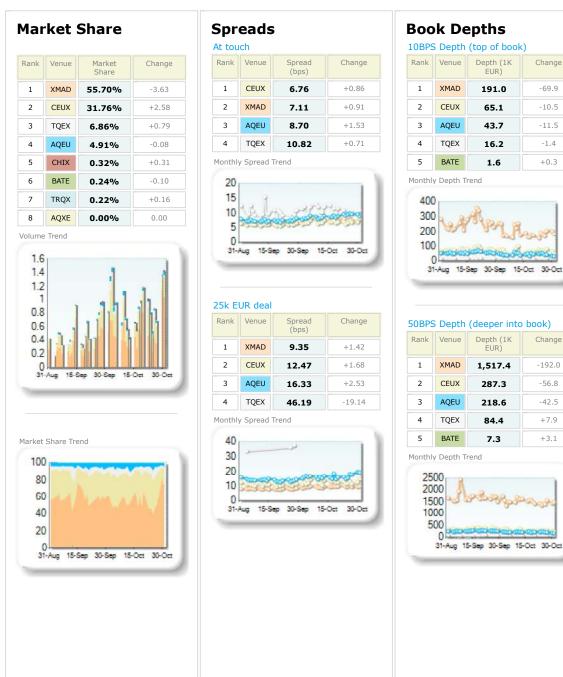


15-Oct 30-Oct

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 $\ensuremath{\mathsf{BPS}}$ 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.

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

-69.9

-10.5

-11.5

-1.4

+0.3

30-0-1

Change

-192.0

-56.8

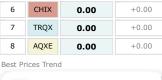
-42.5

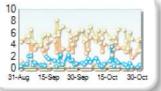
+7.9

+3.1

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

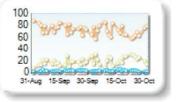
Best Prices At touch Rank Venue Best Price Change (%) CEUX 5.35 +0.111 2 XMAD +0.96 3.84 3 AQEU 1.00 0.00 -0.48 4 TQEX 0.54 5 BATE -0.01 0.03



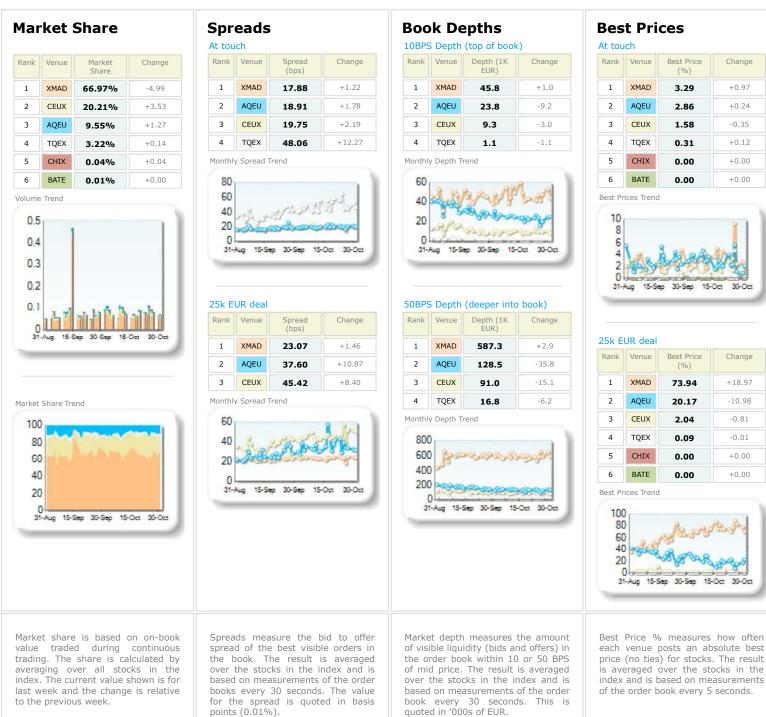


25k E	25k EUR deal										
Rank	Venue	Best Price (%)	Change								
1	XMAD	69.32	-6.05								
2	CEUX	21.37	+5.20								
3	AQEU	2.79	+0.01								
4	TQEX	0.56	+0.04								
5	CHIX	0.00	+0.00								
6	TRQX	0.00	+0.00								
7	BATE	0.00	+0.00								
8	AQXE	0.00	+0.00								

Best Prices Trend



LiquidMetrix Battlemap for INMOBILIARIA COLONIAL SA INMOBILIARIA COLOI



Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Change

+0.97

+0.24

-0.35

+0.12

+0.00

+0.00

30-Oct

Change

+18.97 -10.98

-0.81

-0.01

+0.00

+0.00

ar	ket s	Share		Spr At tou	eads					epths (top of book	:)
nk	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
	XMAD	61.33%	-6.74	1	CEUX	6.11	+0.45	1	XMAD	188.4	-31.2
	CEUX	26.06%	+4.23	2	XMAD	6.52	+0.38	2	AQEU	45.9	-10.4
	TQEX	6.33%	+1.91	3	AQEU	7.12	+0.44	3	CEUX	45.1	-5.8
	AQEU	5.82%	+0.27	4	TQEX	12.12	+2.50	4	TQEX	10.0	-1.6
	CHIX	0.21%	+0.20	5	BATE	179.31	n/a	5	BATE	1.3	-0.9
	BATE	0.19%	+0.09	Monthl	y Spread 1	Trend		Monthl	y Depth T	rend	
	TRQX	0.06%	+0.03	20			· · · · ·	30			
		1.1.			Aug 15-Se	ep 30-Sep 15	-0a 30-0a			Sep 30-Sep 15	0a 30-0
2	11	11 3.1			UR deal				· · ·	(deeper into	
				Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
A	ug 15-6	Cep 30 Sep 15	Oct 30-Oct	1	XMAD	8.62	+0.53	1	XMAD	1,269.2	-217.
				2	CEUX	15.07	+1.64	2	CEUX	224.6	-25.2
				3	AQEU	15.70	+2.38	3	AQEU	197.1	-25.1
	Share Tre	end		4	TQEX	62.30	+6.79	4	TQEX	60.7	-10.0
)			Monthl	y Spread 1	Frend		5	BATE	9.3	+2.8
		3ep 30-Sep 15-	Oct 30-Oct	15 10 5 0 31-	Aug 15-Sr	ap 30-Sap 15	-Oct 30-Oct	15 10	00 00 00 00 00 31-Aug 11	S-Sep 30-Sep 15	-Oct 30-C
ue	trade g. The	e is based o d during share is ca ver all stoo	lculated by	sprea the t	d of the book. T	e best visib	bid to offer le orders in is averaged	of vis the o	ible liqu rder bo	i measures idity (bids ar ok within 10 The result	nd offers or 50

Change

Best Prices At touch Rank Venue Best Price (%) 1 CEUX 6.84

Current Period

Comparison Period

1	CEUX	6.84	+1.01
2	XMAD	4.74	+1.00
3	AQEU	1.30	-0.10
4	TQEX	1.08	+0.23
5	BATE	0.03	-0.03
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	88.84	+8.25
2	CEUX	7.78	-3.07
3	AQEU	2.79	-3.64
4	TQEX	0.08	-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

100 80 60 40 20 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

to the previous week.

Ma Rar 1 2 3 4 5 6 7 Volu

Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

1arl	ket S	Share		Spr	eads	;		Boo	ok De	epths		Bes	t Pri	ces	
				At tou	ich			10BP	5 Depth	(top of boo	k)	At tou	ıch		
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	65.55%	-4.87	1	CEUX	6.89	+0.41	1	XMAD	185.6	-29.8	1	CEUX	5.35	+0.50
	CEUX	24.29%	+3.75	2	XMAD	6.95	+0.46	2	CEUX	38.4	-1.0	2	XMAD	4.57	-0.56
3	AQEU	5.39%	-0.02	3	AQEU	8.05	+0.26	3	AQEU	37.9	-11.5	3	AQEU	1.23	-0.32
1	TQEX	4.44%	+0.96	4	TQEX	15.87	-1.21	4	TQEX	6.8	-0.3	4	TQEX	0.78	+0.06
5	CHIX	0.17%	+0.17	Monthl	y Spread T	Frend		5	BATE	0.8	-0.6	5	BATE	0.08	-0.18
5	BATE	0.11%	-0.01	30				Month	y Depth T	rend		6	CHIX	0.00	+0.00
7	TRQX	0.05%	+0.03	25 20	BN	1 and	14 ×	30				7	TRQX	0.00	+0.00
ume -	Trend			15 10	225	2 154		25 20 15	0 9 9	langeres	A Po	8	AQXE	0.00	+0.00
0.2	M	M		25k E Rank	UR deal Venue	Spread (bps) 9.50	Change +0.61	50BP Rank	5 Depth Venue	(deeper into Depth (1K EUR)	o book) Change	4 2 31-A	///// 	9 30-Sep 15-	0et 30-0e
31-4	lug 15 5	ep 30-Sep 15	Oet 30-Oet	2	CEUX	18.16	+0.79	1	XMAD	1,355.2	-163.0				
				3	AQEU	18.20	+2.66	2	CEUX	207.5	-2.4	25k E	UR deal		_
				4	TQEX	67.59	-2.32	3	AQEU	177.7	-22.1	Rank	Venue	Best Price (%)	Chang
rket S	Share Tre	end		Monthl	y Spread	Frend		4	TQEX	57.4	-3.1	1	XMAD	92.44	+3.20
100				25				5	BATE	6.1	+0.1	2	CEUX	4.45	-0.48
80	~~~	mer.	100	20	8 8	& La	12-20	Monthl	y Depth T	rend		3	AQEU	2.52	-2.27
60			100	10	2000	Repaired -	adam	20	00		· · · · ·	4	TQEX	0.01	-0.05
40				5				15	00 22	RAMAN	580000	5	CHIX	0.00	+0.00
20				-	Aug 15-Se	ap 30-Sep 18	-Oct 30-Oct		00			6	TRQX	0.00	+0.00
0	Aug 15-5	Sep 30-Sep 15-	Oct 30-Oct	-				9	0	in diveling the		7	BATE	0.00	+0.00
-									31-Aug 1	5-Sep 30-Sep 1	5-Oct 30-Oct	8	AQXE	0.00	+0.00
												Best P	rices Treno	đ	
														Sep 30-Sep 15	
alue rading verag ndex. ast we	trade , The ing ov The cu eek and	is based of d during share is ca ver all stoo rrent value s d the chango is week	continuous Iculated by cks in the shown is for	sprea the l over based books	d of the book. T the stoo l on mea s every	e best visib he result cks in the i asurements 30 seconds	bid to offer ole orders in is averaged index and is of the order s. The value red in basis	of vis the o of mi over based	ible liqu rder bo d price. the stoo l on me	idity (bids a ok within 10 The result cks in the i asurements	the amount nd offers) in 0 or 50 BPS is averaged ndex and is of the order ds. This is	each price is av index	venue (no ties eraged and is l	6 measures posts an at s) for stocks over the st based on me book every 5	osolute b . The resocks in the second s

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

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

LiquidMetrix Battlemap for FLUIDRA SA

-1a1	REL	Share		At tou		_
Rank	Venue	Market Share	Change	Rank	Venue	Sp (
1	XMAD	58.87%	-8.12	1	XMAD	1:
2	CEUX	27.21%	+7.08	2	CEUX	1
3	AQEU	7.80%	+0.94	3	AQEU	1
4	TQEX	5.57%	-0.29	4	TQEX	4
5	TRQX	0.34%	+0.32	Monthl	y Spread T	rend
6	CHIX	0.21%	+0.11	50 40		
	Trend			20	200 A	
0. 0.2 0. 0.1	3 5 2 5		1	10 0 31-	Aug 15-Se	ф о го р 30
0.2 0.	3 5 2 5	1141		10 0 31-		9 30 Sf
0.2 0.1 0.0	3 5 2 5 1 5 0	144		10 0 31- 25k E	UR deal	Sp
0.2 0.1 0.0	3 5 2 5 1	Sep 30 Sep 15	-Oer 30-Det	10 0 31- 25k E Rank	UR deal Venue	Sŗ (
0.2 0.1 0.0	3 5 2 5 1 5 0	Sep 30 Sep 15	Oer 30-Der	10 0 31- 25k E Rank	UR deal Venue	Sr (1
0.2 0.1 0.0	3 5 2 5 1 5 0	Sep 80 Sep 15	-On 30-On	10 0 31- 25k E Rank 1 2	Venue XMAD CEUX	Sr (1: 3(
0.2 0.1 0.0	3 5 2 5 1 5 0		-Oer 30-Oer	10 0 31- 25k E Rank 1 2 3 4 Monthl	UR deal Venue XMAD CEUX AQEU	Sr (1: 3(3: 7!
0.2 0.1 0.0	3 5 2 5 1 5 0 1 5 0 1 5 0 1 5 0 1 5 0 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5		-Он 30-Он	10 0 31- 25k E Rank 1 2 3 4 Monthl 80	UR deal Venue XMAD CEUX AQEU TQEX	Sr (1: 3(3: 7!
0.2 0.1 0.0 3 4arket	3 5 2 5 1 5 0 17-Aug 15 Share Tr			10 0 31- 25k E Rank 1 2 3 4 Monthl 80 60	UR deal Venue XMAD CEUX AQEU TQEX	Sr (1: 3(3: 7!
0.2 0. 0.1 0. 0.0 3 4 arket 100	3 5 2 5 1 5 0 1 		-Oer 30-Oer	10 0 31- 25k E Rank 1 2 3 4 Monthl 80	UR deal Venue XMAD CEUX AQEU TQEX	Sp (11 31 31 31 31 71



Spread (bps)

17.66

30.88

33.58

75.37

31-Aug 15-Sep 30-Sep

Chang

+1.72

+3.69

+6.69

+10.53

30-Oct

15-Oct

Current Period Comparison Period

Change

-18.2

-5.5

-12.0

-1.8

30-0-

Change

-161.1

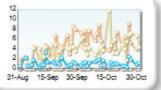
-20.3

-40.5

-9.6

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 5.63 +2.36 1 2 CEUX +1.74 4.87 3 AQEU 1.10 -0.23 4 TQEX +0.05 0.27 5 +0.00 CHIX 0.00 TRQX 0.00 +0.00 6 7 BATE 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend 12



Rank	Venue	Best Price (%)	Change
1	XMAD	90.32	+15.20
2	CEUX	4.87	+0.66
3	AQEU	3.64	-1.86
4	TQEX	0.03	-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

Best Prices Trend

100 80 60 40 20 0 30-Sep 31-Aug 15-Sep 15-Oct 30-Oct

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.

-	4 2 31	0	Sep 30-Sep 15	-Oct 30-0
	50BPS	Depth	(deeper into	book)
je	Rank	Venue	Depth (1K EUR)	Chan
2	1	XMAD	992.7	-161
Ð	2	CEUX	131.5	-20.

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

Monthly Depth Trend

120 100

60

Rank

1

2

3

4

10BPS Depth (top of book)

Depth (1K EUR)

47.3

13.7

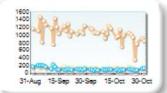
13.5

1.3

AQEU 4 TQEX 22.8

Monthly Depth Trend

3



100.5

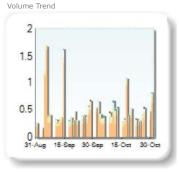
20 15-Sep 30-Sep 15-Oct 30-Oct

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 $\ensuremath{\mathsf{BPS}}$ 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.

Mar	Market Share								
Rank	Venue	Market Share	Change						
1	XMAD	65.25%	-10.36						
2	CEUX	19.50%	+4.48						
3	TQEX	10.42%	+3.73						
4	AQEU	3.97%	+1.83						
5	BATE	0.38%	+0.21						
6	CHIX	0.25%	+0.23						
7	ENXT	0.12%	-0.16						
8	TRQX	0.11%	+0.04						



Market Share Trend

100

80

60

40

20

0 31-Aug

15-Sep 30-Sep

last week and the change is relative

to the previous week.

Spreads

15

5

0

25k EUR (

Rank Ver

> 1 ХМ

2

3

4

5

Monthly Spr

-30

25

20 15 10

.

31-Aug

15-Sep 30-Sep

31-Aug

15-Sep

30-Sep

15-Oct

30-Oct

Rank	Venue	Spread (bps)	Change
1	CEUX	6.34	+0.89
2	XMAD	6.45	+0.65
3	AQEU	7.55	+0.20
4	TQEX	7.70	+1.19
5	ENXT	19.78	-4.50
6	CHIX	244.65	n/a
4onthl	y Spread	Trend	

Current Period Comparison Period

Change

-40.9

-6.9

+12.0

-0.8

-1.1

-1.2

15-Oct 30-Oct

Change

-100.7

-18.1

-56.2

-55

-1.2

+0.3

Book Depths

Venue

XMAD

CEUX

ENXT

AQEU

TQEX

BATE

Monthly Depth Trend 500 400

Rank

1

2

3

4

5

6

300 200

100

0

31-Aug 15-Sep 30-Sep

500

0

10BPS Depth (top of book)

Depth (1K EUR)

223.0

59.1

47.8

31.3

26.5

1.6

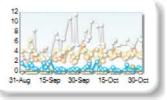
31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices

Rank	Venue	Best Price (%)	Change
1	TQEX	6.55	+1.37
2	XMAD	3.48	+1.92
3	CEUX	3.36	-0.37
4	AQEU	0.62	-0.02
5	BATE	0.12	+0.09
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00





25k E	UR deal		
Rank	Venue	Best Price (%)	Change
1	XMAD	81.30	+5.45
2	CEUX	10.52	-4.83
3	TQEX	1.04	-0.53
4	AQEU	0.92	-0.13
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

100 80 60 40 20 0 15-Sep 30-Sep 15-Oct 30-Oct 3 -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.

JR deal			50BPS	5 Depth	(deeper into	book)
Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chan
XMAD	8.04	+0.24	1	XMAD	1,593.9	-100
CEUX	12.09	+0.85	2	CEUX	278.9	-18.
AQEU	17.51	-0.88	3	ENXT	274.2	-56.
ENXT	22.24	-3.94	4	AQEU	172.2	-5.5
TQEX	28.63	+4.17	5	TQEX	101.0	-1.2
Spread	Trend		6	BATE	6.2	+0.
19.0	о	21	Monthly	y Depth T	rend	
BB			25 20 15 10	00	g saadaa	~T~

15-Oct 30-Oct

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

15-Oct 30-Oct

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 **GRIFOLS CLASE 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.

Mar	ket :	Share		Spr At tou	eads					epths (top of book	<)
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
1	XMAD	61.43%	-6.27	1	XMAD	10.59	+1.55	1	XMAD	80.8	-36.6
2	CEUX	24.08%	+2.20	2	CEUX	10.82	+1.67	2	CEUX	18.4	-6.1
	TQEX	7.77%	+2.60	3	AQEU	11.94	+1.39	3	AQEU	17.8	-3.9
	AQEU	6.10%	+0.99	4	TQEX	19.08	+1.96	4	TQEX	4.8	-1.1
	CHIX	0.34%	+0.33	Monthl	ly Spread T	rend		Monthl	y Depth T	rend	
	TRQX	0.15%	+0.08	25	1 3			200	0		
	BATE	0.13%	+0.06	20		and that	15-52	15		Le l	
0.4		1		- Common	Aug 15-Se	p <mark>30-Sep 15</mark>	-Oct 30-Oct	1	1-Aug 15-	Sep 30-Sep 15	-Oct 30-0
0.2	1.	a ill		25k E	UR deal			50BPS	5 Depth	(deeper into	book)
1.2	114	h.	10.	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
1		1111		1	XMAD	14.43	+2.32	1	XMAD	903.1	-284.8
				2	CEUX	27.79	+4.07	2	CEUX	164.7	-20.5
	Aug 15-5	ap 30-Sep 15-	Oct 30-Oct	3	AQEU	28.91	+2.17	3	AQEU	122.2	-5.4
				4	TQEX	83.45	-2.15	4	TQEX	55.0	-1.5
				Month	ly Spread T	rend		Monthl	y Depth T	rend	
100 80 60 40 20		ind	-Oer 30-Oer	60 40 20 31-	17900 A	p 30-Sep 15	-Oc 30-Oc		400 200 0 0 0 0 0 0 0 0 0 0 0	Sep 30-Sep 15	-

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%).

Current Period Comparison Period

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-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 1 6.45 +1.38 2 CEUX -0.30 4.49 3 AQEU 1.37 -0.33 4 TQEX -0.15 0.80 5 BATE +0.00 0.00 CHIX 0.00 +0.00 6 7 TRQX 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend 20 15 10 5 0 15-Sep 30-Sep 31-Aug 15-Oct 30-Oct

Rank	Venue	Best Price (%)	Change
1	XMAD	94.89	-0.17
2	CEUX	2.74	-0.67
3	AQEU	1.81	+0.80
4	TQEX	0.20	+0.09
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	+0.00
8	AQXE	0.00	+0.00

100 and the the the the 80 60 40 20 0 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

LiquidMetrix Battlemap for International Consolidated Airlines Group SA

Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

lar	ket	Share		Spr At tou	eads					epths (top of book	<)	Bes At tou	t Pri	ces	
ank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	81.30%	+4.85	1	XMAD	8.78	+1.22	1	XMAD	160.9	-38.5	1	XMAD	12.48	+2.82
2	CEUX	14.62%	-3.30	2	CEUX	9.61	+1.61	2	CEUX	51.9	-12.5	2	CEUX	4.87	+0.21
3	AQEU	2.79%	-0.78	3	AQEU	9.84	+1.59	3	AQEU	47.9	-19.3	3	AQEU	4.79	-1.16
4	TQEX	1.24%	-0.77	4	TQEX	26.69	+4.29	4	TQEX	9.1	-5.2	4	TQEX	0.46	-0.24
5	BATE	0.02%	+0.00	Monthl	y Spread T	rend		5	BATE	9.1	-0.5	5	BATE	0.00	+0.00
6	CHIX	0.02%	+0.02	30			· · · ·	Monthl	/ Depth Tr	rend		6	CHIX	0.00	+0.00
7	TRQX	0.00%	-0.03	25 20	-35	المركر والجرياة	Ket stra	30		9 0		7	TRQX	0.00	+0.00
lume	Trend			15	0.0	Anda	and	25		AR A.		8	AQXE	0.00	+0.00
0.1 0 31	Aug 15-8	ep 30-Sep 15-(Det 30-Oet	1 2	XMAD AQEU	(bps) 11.09 16.95	+1.26	Rank	Venue XMAD	Depth (1K EUR) 1,443.8	Change -46.8	254 5	LIR deal		
	_	_		3	CEUX	16.95	+2.78	2	CEUX	399.0	+23.2	25k E	UR deal		
				4	TQEX	29.19	+1.91	3	TQEX	303.2	-1.6	Rank	Venue	Best Price (%)	Chang
rkot	Share Tre	nd			y Spread T			4	AQEU	301.0	-9.7	1	XMAD	80.30	+6.20
100				40	(5	BATE	9.1	-0.7	2	AQEU	8.25	-3.76
80				30		283.000	22	Monthl	/ Depth Tr	rend		3	CEUX	7.39	-1.08
GC	1.10			20	and state	RAN CONTRACT	ent.	25				4	TQEX	0.06	+0.03
40				10	333600			20		Reporte	AA	5	CHIX	0.00	+0.00
20)			31-	Aug 15-Se	p 30-Sep 15-	Oct 30-Oct	10	00	3 2 - 0	198	6	TRQX	0.00	+0.00
3		ep 30-Sep 15-	Oct 30-Oct					5	00	iii aadaa	named'e	7	BATE	0.00	+0.00
-	507-0494 - 109-04								31-Aug 15	Sep 30-Sep 15	5-Oct 30-Oct	8	AQXE	0.00	+0.00
												Best Pr	ices Trenc		
												100 80 40 20 3		19-25 19-56 19-30-Sep 15	0er 30-0:
lue adin era	trade g. The ging ov	is based of d during share is ca /er all stoo rrent value s d the change	continuous lculated by ks in the	sprea the t over	d of the book. Th the stoc	e best visib he result i ks in the i	oid to offer le orders in s averaged ndex and is of the order	of vis the o of mi	ble 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	o measures posts an ab) for stocks over the sto pased on me	solute b . The res ocks in

ket	Share		Spr At tou	eads					epths (top of book	<)
/enue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change
MAD	61.91%	-9.09	1	CEUX	6.70	+0.17	1	XMAD	388.6	-34.1
EUX	23.76%	+4.86	2	XMAD	6.79	+0.07	2	AQEU	161.3	+6.0
QEU	7.84%	+1.86	3	AQEU	6.91	-0.05	3	CEUX	160.3	-7.9
QEX	6.16%	+2.20	4	TQEX	7.58	+0.31	4	TQEX	41.5	-1.4
ATE	0.14%	+0.03	Monthl	y Spread 1	rend		5	BATE	2.6	-1.4
ніх	0.12%	+0.11	12				Monthl	y Depth T	rend	
RQX	0.08%	+0.04	10	- the	0998 d.m		600		5 6]
QXE end	0.00%	+0.00	4 2 0 31-	Aug 15-St	np 30-Sep 15	HOCI 30-Oci	400		Sep 30-Sep 15	-Oc 30-Oct
	ha.		25k E Rank	UR deal Venue	Spread (bps)	Change	50BPS	6 Depth	(deeper into	o book)
1	1 1 1	i da	1	XMAD	7.36	+0.04	Rank	Venue	Depth (1K EUR)	Change
			2	CEUX	8.24	+0.35	1	XMAD	2,276.5	-59.3
15-5	ep 30-Sep 15-0	Det 30-Oet	3	AQEU	8.48	-0.02	2	CEUX	587.6	+13.0
-			4	TQEX	24.77	+1.83	3	AQEU	475.4	-0.9
			Monthl	y Spread 1	rend		4	TQEX	134.5	+10.8
are T	īrend		35				5	BATE	9.2	-0.1
Aug 12	5-Sep 30-Sep 15-	0er 30-0er	20 15 10 5 0 0 31-	Aug 15-Sr	р 30-Sep 15	-Oe 30-Oe	40 30 20	00 00 00 00 00 00 00 00 00 00 00 00 00	apdompen G	5-Oct 30-Oct
trad . The ing The c ek a	re is based o led during e share is ca over all store current value s nd the change ous week.	continuous lculated by cks in the shown is for	sprea the l over based books	d of the book. The the stoo d on mea s every	e best visib he result ks in the i asurements	bid to offer ole orders in is averaged index and is of the order s. The value red in basis	of vis the o of mi over based	ible liqu rder bo d price. the sto l on me	n measures idity (bids an ok within 10 The result cks in the in asurements 30 second	nd offers) in) or 50 BPS is averaged ndex and is

Current Period Comparison Period

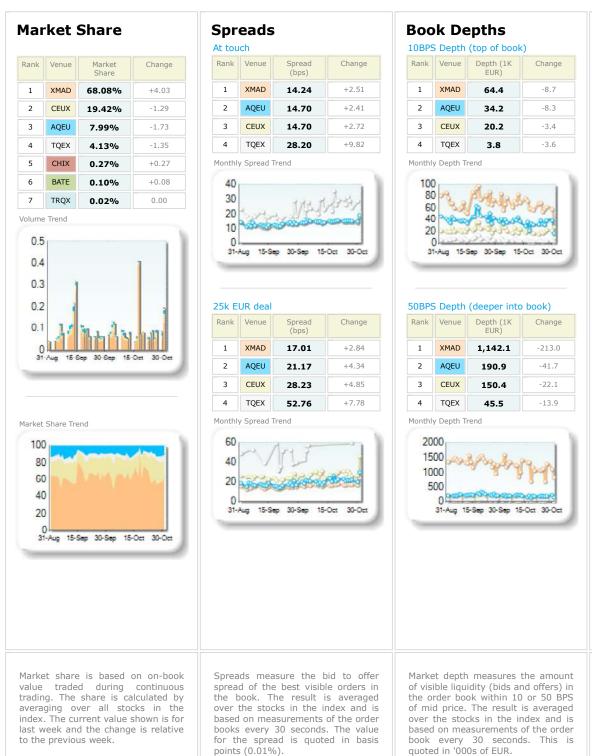
01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

t Prices ch Best Price (%) Venue Change XMAD +0.44 1.21 -0.44 CEUX 1.08 AQEU -0.08 0.70 TQEX 0.35 -0.26 BATE 0.09 -0.04 CHIX 0.00 +0.00 TRQX 0.00 +0.00 AQXE +0.00 0.00 ces Trend 30-Sep 15-Oct 30-Oct 15-Sep

Rank	Venue	Best Price (%)	Change
1	XMAD	20.08	+1.21
2	CEUX	6.56	-0.99
3	AQEU	4.16	+0.40
4	TQEX	0.52	-0.13
5	CHIX	0.00	+0.00
6	TRQX	0.00	+0.00
7	BATE	0.00	0.00
8	AQXE	0.00	+0.00

30				8
25	AI	ARP	la d	a a
	219	29	eng	91/3
15	- Al	San Po		0
5 340	-	- Boscoll	STAR D	000
		A Local Division of	15-Oct	30-Oct
O Land	15. Can			

LiquidMetrix Battlemap for Indra Sistemas SA

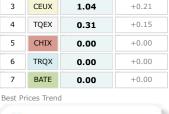


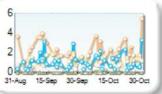
01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 2.06 -0.04 1 2 AQEU +0.14 1.06 3 CEUX 1.04

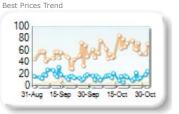
Current Period

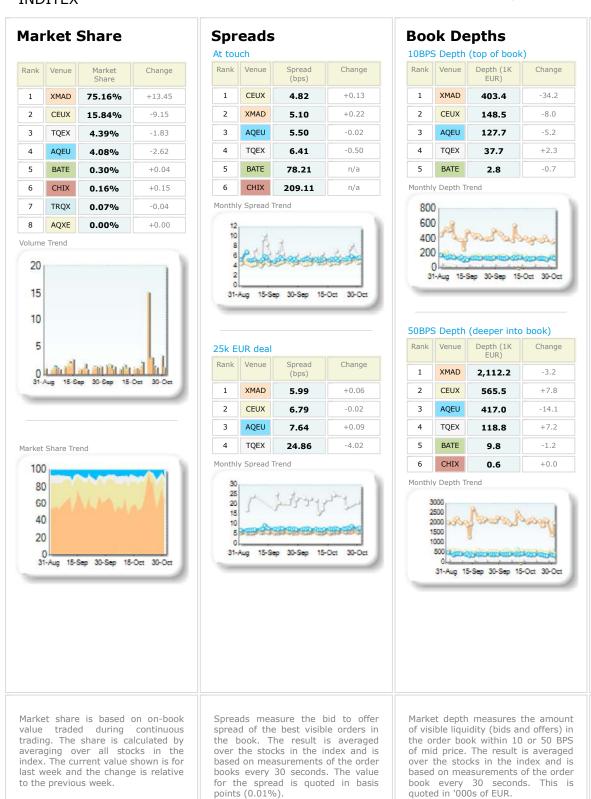
Comparison Period





UR deal		
Venue	Best Price (%)	Change
XMAD	62.63	+12.71
AQEU	14.78	-2.10
CEUX	3.19	+0.38
TQEX	0.17	-0.07
CHIX	0.00	+0.00
TRQX	0.00	+0.00
BATE	0.00	+0.00
	Venue XMAD AQEU CEUX TQEX CHIX TRQX	Venue Best Price (%) XMAD 62.63 AQEU 14.78 CEUX 3.19 TQEX 0.17 CHIX 0.00 TRQX 0.00





01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

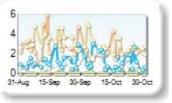
Best Prices At touch Rank Venue Best Price Change

Current Period

Comparison Period

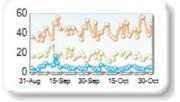
Runk	Vende	(%)	chunge
1	CEUX	2.88	-0.72
2	XMAD	2.21	-0.26
3	AQEU	1.29	+0.19
4	TQEX	0.96	+0.24
5	BATE	0.11	+0.03
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k E	25k EUR deal							
Rank	Venue	Best Price (%)	Change					
1	XMAD	43.24	+0.33					
2	CEUX	16.74	-1.56					
3	AQEU	4.60	-1.69					
4	TQEX	1.12	+0.09					
5	CHIX	0.00	+0.00					
6	TRQX	0.00	+0.00					
7	BATE	0.00	+0.00					
8	AQXE	0.00	+0.00					

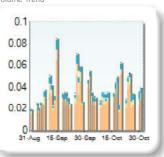
Best Prices Trend



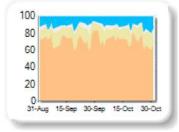
LiquidMetrix Battlemap for

Cia de Distribucion Integral Logista Holdings SAU

Market Share Market Share Rank Venue Change 1 XMAD 72.65% +0.982 CEUX 13.81% -0.32 AQEU 10.26% -0.02 3 4 TQEX -0.81 3.06% +0.17 5 CHIX 0.17% 0.00 6 BATE 0.05% Volume Trend



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.

Spreads





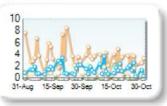


01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

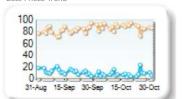
Best Prices

At tou	cn		
Rank	Venue	Best Price (%)	Change
1	XMAD	3.19	-0.44
2	AQEU	1.46	+0.04
3	CEUX	1.01	+0.44
4	TQEX	0.36	+0.24
5	BATE	0.04	+0.03
6	CHIX	0.00	+0.00

Best Prices Trend



Rank	Venue	Best Price (%)	Change
1	XMAD	88.01	+5.63
2	AQEU	8.75	-3.70
3	CEUX	1.05	+0.66
4	TQEX	0.01	+0.00
5	CHIX	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.

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

-0.5

-4.2

+0.5

-0.2

-0.2

30-0-1

Change

-21.5

-15.9

+5.0

+6.2

-0 5

Book Depths 10BPS Depth (top of book)

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

80

60

40

20

0

Rank

1

2

3

4

5

31-Aug

15-Sec

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

1200

1000

800

600

400

200

Depth (1K EUR)

51.2

20.9

11.9

2.8

1.0

30-Sec

Depth (1K

EUR)

952.6

119.9

78.4

33.8

1.8

31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

50BPS Depth (deeper into book)

15-Oct

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.

Mapfre SA

larket	Share		· ·	eads					epths	
Rank Venue	Market	Change	At tou Rank	Venue	Spread	Change	10BP: Rank	S Depth Venue	(top of book	c) Chang
Vende	Share	Change			(bps)				EUR)	
1 XMAD	69.09%	-4.02	1	XMAD	10.84	+0.24	1	XMAD	42.1	+0.2
2 CEUX	19.97%	+3.98	2	AQEU	13.72	+0.39	2	AQEU	9.4	+0.1
3 AQEU	6.88%	-0.97	3	CEUX	14.25	+1.17	3	CEUX	7.6	+0.1
4 TQEX	3.72%	+1.01	4	TQEX	35.75	+2.86	4	TQEX	1.1	-0.1
5 CHIX	0.20%	+0.20	Monthl	y Spread 1	īrend		Monthl	y Depth T	rend	
6 BATE	0.12%	+0.02	50 40	×.	11	74	60	AR	2	
0.12 0.1 0.08	la bi		10 0 31-	909909K	ap 30-Sep 15	-Oct 30-Oct	20 0 31-	Aug 15-S	ep 30-Sep 15-	0er 30-0
0.06		1.1	25k E	UR deal			50BP	S Depth	(deeper into	book)
0.04			Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang
31-Aug 1	5-Sep 30-Sep 15	-Oet 30-Oet	1	XMAD	15.32	-0.10	1	XMAD	982.7	-64.
			2	CEUX	38.74	+1.81	2	CEUX	97.0	-9.7
			3	AQEU	48.38	-6.04	3	AQEU	61.5	+2.0
			4	TQEX y Spread 1	61.83	+1.70	4	TQEX	28.6	-3.0
100 80 60 40 20 0 31-Aug 15	-Sep 30-Sep 15	-Oet 30-Oet	80 60 40 20 0 31-	Aug 15-Se	sp 30-Sep 15	Ост 30-Ост	1	400 200 000 800 600 400 200 31-Aug 15	Sep 30-Sep 18	A., FOR 30-0

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%).

the order book within 10 or 50 BPS

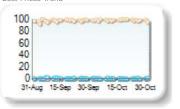
of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Current Period Comparison Period 01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD +0.78 1 7.86 2 AQEU -0.32 2.82 3 CEUX 2.06 -0.14 4 TQEX +0.06 0.17 5 CHIX +0.00 0.00 6 TRQX 0.00 +0.00 7 BATE 0.00 +0.00 Best Prices Trend



Rank	Venue	Best Price (%)	Change
1	XMAD	98.48	+0.55
2	CEUX	0.81	-0.02
3	AQEU	0.56	-0.32
4	CHIX	0.00	+0.00
5	TRQX	0.00	+0.00
6	BATE	0.00	+0.00
7	TQEX	0.00	+0.00



LiquidMetrix Battlemap for MELIA HOTELS INTERNATIONAL SA

Market Share Venue Rank Market Share Change 1 XMAD 72.05% +3.642 CEUX 18.22% -0.71 3 AQEU -2.91 7.03% 4 TQEX -0.26 2.42% +0.21 5 CHIX 0.21% +0.03 6 BATE 0.05% 7 TRQX 0.00% +0.00 8 AQXE 0.00% +0.00 Volume Trend

0.08 0.06 0.04 0.02 0 अं 15-Sep 30-Sep 15-Oct 30-0 нg

Market Share Trend 100

> > 0 31-Aug

15-Sep 30-Sep

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.

15-Oct 30-Oct

Spreads At touch





Change

+6.0

-6.6

-0.3

-0.2

30-0-

Change

-76.2

-11.8

-32.0

-2.0 +0.0

Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

Monthly Depth Trend

Rank

1

2

3

4

80 60

40

20

0 31-Aug

10BPS Depth (top of book)

Depth (1K EUR)

50.6

16.5

10.4

1.2

30-Sep

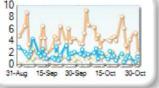
15-Sep 30-Sep 15-Oct 30-Oct

15-Oct

15-Sec

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 4.70 +0.32 1 2 AQEU -0.60 1.52 3 CEUX 1.19 +0.33 +0.14 4 TQEX 0.19 5 BATE +0.01 0.01 CHIX +0.00 6 0.00 7 TRQX 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend 10



25k EUR deal							
Rank	Venue	Best Price (%)	Change				
1	XMAD	92.97	+13.96				
2	AQEU	4.65	-11.75				
3	CEUX	1.76	+0.21				
4	TQEX	0.01	+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

100 Street Contraction 80 60 40 20 0 15-Sep 30-Sep 15-Oct 30-Oct 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.

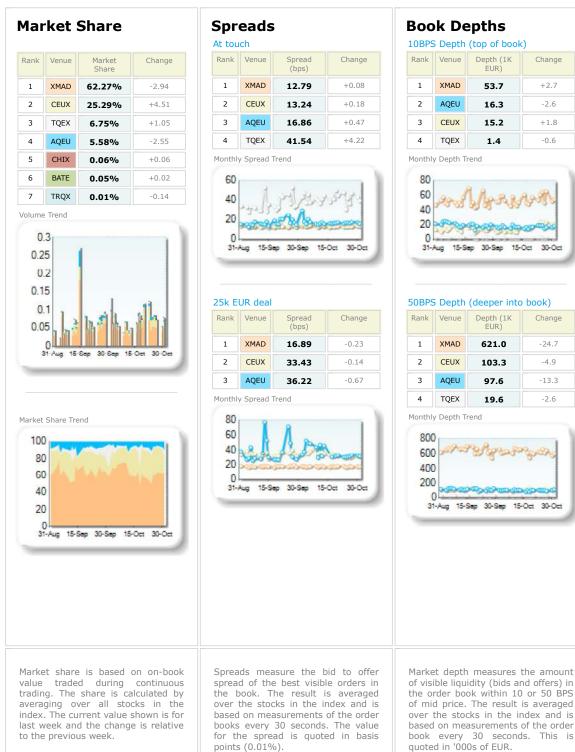
Rank Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)
1 XMAD	21.86	+1.28	1	XMAD	892.9
2 CEUX	39.62	+2.91	2	CEUX	105.1
3 AQEU	40.92	+9.72	3	AQEU	92.2
lonthly Spread Tre	rend		4	TQEX	25.1
80			5	BATE	0.0
60 40 20 31-Aug 15-Sep	p 30-Sep 15	Аналана Ост. 33-Ост.		200 800 600 400 0	5-Sep 30-Sep

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



Current Period Comparison Period

Change

+2.7

-2.6

+1.8

-0.6

Change

-24.7

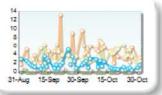
-4.9

-13.3

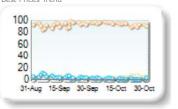
-2.6

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD 4.65 +1.171 2 CEUX +0.23 3.67 3 AQEU 1.33 -0.69 -0.20 4 TQEX 0.43 5 +0.00 CHIX 0.00 TRQX +0.006 0.00 7 BATE 0.00 +0.00Best Prices Trend



Rank	Venue	Best Price (%)	Change
1	XMAD	94.18	+2.01
2	CEUX	3.10	+1.31
3	AQEU	1.90	-3.18
4	CHIX	0.00	+0.00
5	TRQX	0.00	+0.00
6	BATE	0.00	+0.00
7	TQEX	0.00	-0.01



LiquidMetrix Battlemap for ARCELORMITTAL SA

Market Share

Rank	Venue	Market Share	Change
1	ENXT	57.19%	-3.80
2	CEUX	27.86%	+4.32
3	XMAD	6.37%	-0.86
4	TQEX	4.39%	+0.53
5	AQEU	4.01%	-0.28
6	TRQX	0.15%	+0.07
7	CHIX	0.02%	+0.02
8	BATE	0.02%	0.00
9	AQXE	0.00%	0.00

Volume Trend

Market Share Trend

100 80 60

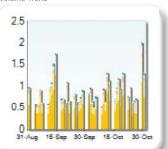
40

20

15-Sep

30-Sep

15-Oct 30-Oct



Spreads At touch

25k EUR dea

Venue

ENXT

CEUX

AQEU

XMAD

TQEX

Monthly Spread

Rank

1

2

3

4

5

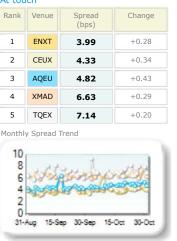
5

0

31-Aug

15-Sec

30-Sec





Change

-34.0

-24.9

+43.2

+35.5

+11.8

15-Oct 30-Oct

Change

+257.1

-138.5

+97.8

+74.2

+52

+4.3

+4 3

Book Depths

Venue

ENXT

XMAD

CEUX

AQEU

TQEX

Monthly Depth Trend

Rank

1

2

3

4

5

800

600

400

200

0

31-Aug

10BPS Depth (top of book)

Depth (1K EUR)

521.6

333.9

192.1

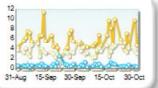
172.3

38.8

15-Sep 30-Sep

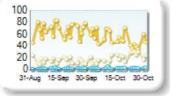
01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) ENXT 5.85 +0.441 2 CEUX +0.58 3.80 3 TQEX 0.70 -0.11 AQEU -0.04 4 0.67 5 CHIX +0.00 0.00 TRQX +0.00 6 0.00 7 BATE 0.00 +0.008 AQXE 0.00 +0.00Best Prices Trend 12 10



25k EUR deal							
Rank	Venue	Best Price (%)	Change				
1	ENXT	53.23	-13.93				
2	CEUX	19.32	+4.97				
3	AQEU	2.14	+0.45				
4	TQEX	0.11	-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				

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.

al				50BPS	5 Depth	(deeper into	book)		
	Spread (bps)	Change		Rank	Venue	Depth (1K EUR)	Chan		
	5.04	+0.18		1	ENXT	2,886.5	+257		
	6.75	-0.16		2	XMAD	1,366.0	-138		
	7.85	-1.38		3	CEUX	632.2	+97		
	8.34	+0.44		4	AQEU	529.4	+74		
	20.52	+0.03		5	TQEX	218.7	+5.		
l Trend				6	CHIX	94.7	+4.3		
				7	BATE	94.7	+4.3		
my you want and				Monthly Depth Trend					
A Company and a company				40	10	n not	An a		

4000	
3000	A Bank Bank
2000	A 40349 0 0 8
1000	Sugar proversal

31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

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.

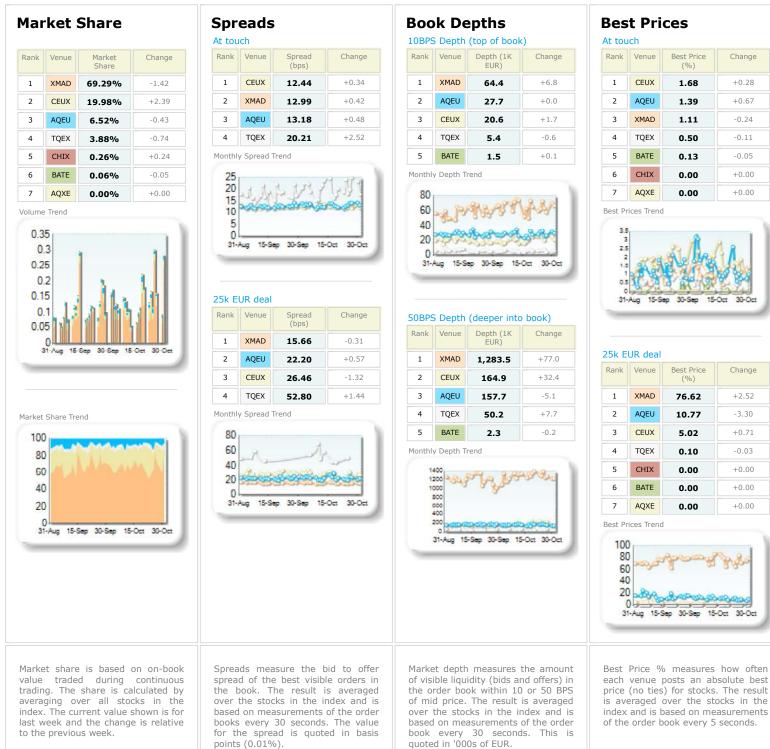
Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

15-Oct

30-Oct

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 Naturgy Energy Group SA



01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Change

+0.28

+0.67

-0.24

-0.11

-0.05

+0.00

+0.00

30-Oc

Change

+2.52

-3.30

+0.71

-0.03

+0.00

+0.00

+0.00

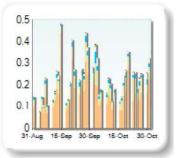
15-Oct 30-Oct

15-Oct

Best Prices Best Price (%)

LiquidMetrix Battlemap for RED ELECTRICA CORPORACION SA RED ELECTRIC/

Market Share										
Rank	Venue	Market Share	Change							
1	XMAD	61.84%	-8.19							
2	CEUX	24.20%	+4.11							
3	AQEU	7.45%	+1.70							
4	TQEX	6.20%	+2.25							
5	BATE	0.14%	+0.03							
6	TRQX	0.13%	+0.10							
7	CHIX	0.04%	+0.00							
8	AQXE	0.00%	+0.00							
Volume	Trend									



Market Share Trend

100

80

60

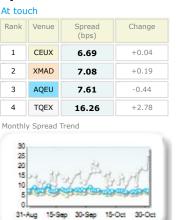
40

20

0 31-Aug

Spreads

25k EUR deal



Current Period Comparison Period

Change

-39.2

+10.6

-0.9

-1.6

-0.2

Change

-33.4

-2.8

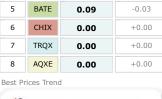
+22.6

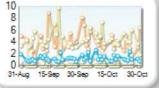
-2.8

+1.1

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

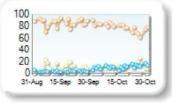
Best Prices At touch Rank Venue Best Price Change (%) CEUX 4.47 -0.41 1 2 XMAD +1.26 4.08 3 AQEU 1.34 +0.33 +0.05





25k E	25k EUR deal										
Rank	Venue	Best Price (%)	Change								
1	XMAD	78.90	-6.76								
2	AQEU	11.04	+7.69								
3	CEUX	9.16	-0.89								
4	TQEX	0.03	-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								

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.

Sep	30-Sep	15-Oct	30-Oct	J
-				



Book Depths

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

250

200

150

100

Rank

50

0

31-Aug

Venue

10BPS Depth (top of book)

Depth (1K EUR)

143.0

46.2

39.7

6.1

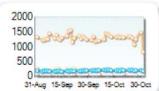
1.2

50BPS Depth (deeper into book)

4 TQEX 0.87



Depth (1K EUR) XMAD 1 1.282.3 2 CEUX 204.8 3 AQEU 196.9 4 TQEX 61.3 5 BATE 4.6 Monthly Depth Trend



15-Sep 30-Sep

15-Oct 30-Oct

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.

1ar	ket s	Share		Spr At tou	eads					pths	<)	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	59.54%	-6.44	1	CEUX	5.85	+0.62	1	XMAD	283.3	-149.1	1	XMAD	2.52	+0.12
2	CEUX	27.15%	+4.25	2	XMAD	5.95	+0.61	2	AQEU	101.6	-19.1	2	CEUX	2.26	+0.23
3	TQEX	6.81%	+0.90	3	AQEU	6.51	+0.56	3	CEUX	96.6	-27.3	3	AQEU	0.88	-0.69
4	AQEU	5.99%	+1.01	4	TQEX	8.22	+1.32	4	TQEX	23.8	-8.2	4	TQEX	0.61	-0.45
5	BATE	0.22%	+0.07	Monthl	y Spread 1	rend		5	BATE	3.2	-0.9	5	BATE	0.01	-0.03
6	CHIX	0.20%	+0.19	20			-)	Monthl	/ Depth Tr	end		6	CHIX	0.00	+0.0
7	TRQX	0.08%	+0.01	15			1	800)		1	7	TRQX	0.00	+0.0
8	AQXE	0.00%	+0.00	10	A MA ATH	Como de la c	endoniti o	600	16	1		8	AQXE	0.00	+0.00
0 31-	Aug 15-S	ap 30-Sep 15-	Det 30-Oet	2 3 4	CEUX AQEU TQEX	8.79 8.96 37.10	+1.09 +0.59 +8.34	1 2 3	XMAD CEUX	1,761.0 401.7 344.9	-673.3 -63.0 -5.7	25k E Rank	JR deal	Best Price (%)	Chang
-															Chang
				Monthl	y Spread 1			4	TQEX	101.8	-17.8	1	XMAD	44.46	+0.96
rket	Share Tre	nd		30				5	BATE	14.7	+7.4	2	CEUX	14.12	+1.3
100)			25 20	1-	Junt		Monthl	/ Depth Tr	end		3	AQEU	6.73	+0.6
80	- Harrison			15	200000	Contro Clark	ADDE	40	00	2		4	TQEX	0.78	-0.39
60	7		ALL I	5	a policita	a a a a a a a a a a a a a a a a a a a	RESD CD AS	30	1.44	17		5	CHIX	0.00	+0.0
40				31-	Aug 15-Se	sp 30-Sep 15	-Oct 30-Oct	20		, passag	200 age	6	TRQX	0.00	+0.0
20									0 2000	a kain kain kain kain kain kain kain kai		7	BATE	0.00	+0.0
31) - Aug 15-S	Sep 30-Sep 15-	Oct 30-Oct					-	31-Aug 15	-Sep 30-Sep 1	5-Del 30-Del	8	AQXE	0.00	+0.0
												60 40 20 01 31-/	W ¹	1 30-Sep 15-	≫% 222 0:: 300
alue adin /erag dex. st w	trade g. The ging ov The cu reek 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	sprea the the the based based books	d of the book. The the stoo l on mea s every	e best visib he result i ks in the i asurements 30 seconds	bid to offer le orders in is averaged ndex and is of the order is. The value ed in basis	of vis the o of mi over based	ble liqui rder boo d price. the stoo on mea	dity (bids a ok within 10 The result cks in the i asurements	the amount nd offers) in 0 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	measures posts an ab) for stocks over the sto pased on me pook every 5	osolute l . The re ocks in asureme

Current Period Comparison Period 01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

LiquidMetrix Battlemap for LABORAT FARMA ROVI

points (0.01%).



Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Mar	ket	Share		Spr At tou	eads					epths (top of boo	k)	Bes At too	st Pri	ces	
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank		Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	64.06%	-0.24	1	XMAD	16.30	+0.63	1	XMAD	54.2	-0.4	1	XMAD	3.72	+1.88
2	CEUX	22.32%	+2.26	2	CEUX	17.03	+0.90	2	AQEU	26.7	-7.5	2	AQEU	2.57	+1.58
3	AQEU	11.17%	-1.58	3	AQEU	17.22	+1.37	3	CEUX	16.2	-1.9	3	CEUX	2.11	+1.02
4	TQEX	2.37%	-0.07	4	TQEX	42.16	+5.70	4	TQEX	1.5	-0.7	4	TQEX	0.12	-0.09
5	CHIX	0.08%	-0.12	Monthly	/ Spread 1	īrend		Month	ily Depth T	rend		5	CHIX	0.00	+0.00
6	BATE	0.01%	-0.20	60				80				6	TRQX	0.00	+0.00
Volume	Trend			40	a las	habt	12 yr	60	100	Aposp	VR. In	7	BATE	0.00	+0.00
3	5 2 5 1 5		-Oet 30-Oet	Rank 1 2 3	UR deal Venue XMAD AQEU CEUX / Spread 1	Spread (bps) 20.40 30.13 42.09	Change +0.19 +1.44	1	-Aug 15-S PS Depth	(deeper int Depth (1K EUR) 900.0 152.4 106.0 24.9	-Oct 30-Oct o book) Change -115.6 -18.0 -0.9 -2.6	10 8 6 4 2 0 31-	Aug 15-S UR deal Venue XMAD	hadi	Oct 30-Oct
100)			60)	Month	ly Depth T	rend		2	AQEU	12.47	-10.39
80	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~	40	R.S.	572123	AL SA		1400	0.0		3	CEUX	2.79	-0.74
60	1.1			20	-00000	Prode the	Ray		1000	1gran	Rage !!	4	CHIX	0.00	+0.00
40				0					400 200 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct				TRQX	0.00	+0.00
20				31-/	Aug 15-Se	sp 30-Sep 15	-0et 30-0et						BATE	0.00	+0.00
31	-Aug 15-3	Sep 30-Sep 15	-Oct 30-Oct					1					TQEX	0.00	+0.00
												10 8 6 4 2		Sep 30-Sep 15	-Oc 33-Oct
value tradin avera index last w	trade g. The ging o The cu reek and	d during share is ca ver all sto rrent value	on on-book continuous alculated by cks in the shown is for e is relative	spread the b over t based books for th	d of the book. The the stoc on mea every	e best visib he result ks in the i asurements 30 seconds ad is quot	bid to offer le orders in is averaged ndex and is of the order is The value ed in basis	of vi the of m over base book	sible liqu order bo id price. the stor d on me every	idity (bids a ok within 1 The result cks in the i asurements	the amount nd offers) in 0 or 50 BPS is averaged ndex and is of the order ds. This is	each price is av index	venue (no ties eraged and is l	posts an at 6) for stocks over the st	how often osolute best . The result ocks in the asurements i seconds.

quoted in '000s of EUR.

LiquidMetrix Battlemap for Banco de Sabadell SA

ank	Venue	Market	Change	At tou Rank	Venue	3
1	XMAD	Share 64.83%	-8,26	1	CEUX	
1	CEUX		+6.20	2	XMAD	
		25.82%		3	AQEU	
3	AQEU	4.82%	+1.13	4	TQEX	
4	TQEX	4.10%	+0.60			
5	CHIX	0.33%	+0.32		y Spread T	Iren
6	BATE	0.09%	+0.04	25 20		
7	TRQX	0.01%	-0.01	15	Marine	
lume	e Trend			5		
1.6				31-	Aug 15-Se	φ.
1.4 1.2 1 0.8 0.6		1		Trees.	Aug 15-Se UR deal Venue	sp
1.4 1.2 1 0.8 0.6 0.4		al and and		25k E	UR deal	₽₽
1.4 1.2 1 0.8 0.6 0.4 0.2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		25k E Rank	UR deal Venue	\$P
1.4 1.2 1 0.8 0.6 0.4 0.2		1 11 Sep 30-Sep 15	-Oe 30-Oe	25k E Rank	UR deal Venue XMAD	\$P
1.4 1.2 1 0.8 0.6 0.4 0.2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-De 30-De	25k E Rank 1 2	UR deal Venue XMAD CEUX	
1.4 1.2 1 0.8 0.6 0.4 0.2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-Der 30-Der	25k E Rank 1 2 3 4	UR deal Venue XMAD CEUX AQEU	

31-Aug

15-Sep 30-Sep

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

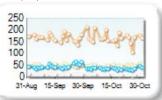
based on measurements of the order

books every 30 seconds. The value

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

Book Depths 10BPS Depth (top of book) Depth (1K EUR) Rank Venue Change XMAD +0.191 +0.25 2 CEUX +0.03 3 AQEU 4 +1.29 TQEX

Monthly Depth Trend



165.4

47.5

34.9

9.6

Current Period

Change

-1.7

-1.0

-10.0

-2.0

Comparison Period

50BPS	50BPS Depth (deeper into book)										
Rank	Venue	Depth (1K EUR)	Change								
1	XMAD	1,608.2	-5.3								
2	CEUX	232.0	-9.3								
3	AQEU	159.9	-29.6								
4	TQEX	58.9	-3.7								



Market depth measures the amount

of visible liquidity (bids and offers) in

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

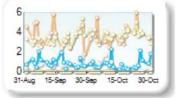
of mid price. The result is averaged over the stocks in the index and is

based on measurements of the order

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

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) +0.53 1 CEUX 3.74 2 XMAD +0.10 3.74 3 AQEU 0.80 0.00 4 TQEX +0.20 0.65 5 CHIX +0.00 0.00 TRQX 0.00 +0.00 6 7 BATE 0.00 +0.008 AQXE 0.00 +0.00 Best Prices Trend



Rank	Venue	Best Price (%)	Change
1	XMAD	77.54	+0.42
2	CEUX	15.62	+3.10
3	AQEU	1.99	-1.66
4	TQEX	0.07	-0.21
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

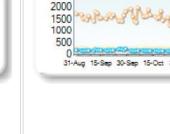
100 80 60 40 20 0 15-Sep 30-Sep 15-Oct 30-Oct 31-Aug

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 +0.03 +0.01 +1.16 +5.10 Monthly Depth Trend

15-0-1 30-0-1

15-Oct 30-Oct



40 20

15-Sep 30-Sep

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.

15-Oct 30-Oct

LiquidMetrix Battlemap for Banco Santander SA

Rank	Venue	Market Share	Change	Rai
1	XMAD	74.02%	+2.77	1
2	CEUX	20.64%	-1.11	2
3	AQEU	3.15%	-1.47	3
4	TQEX	1.93%	-0.21	4
5	BATE	0.14%	-0.01	Mon
6	CHIX	0.06%	+0.04	
7	TRQX	0.05%	-0.01	
8	AQXE	0.00%	+0.00	
/olume	e Trend			
8				
6			X	

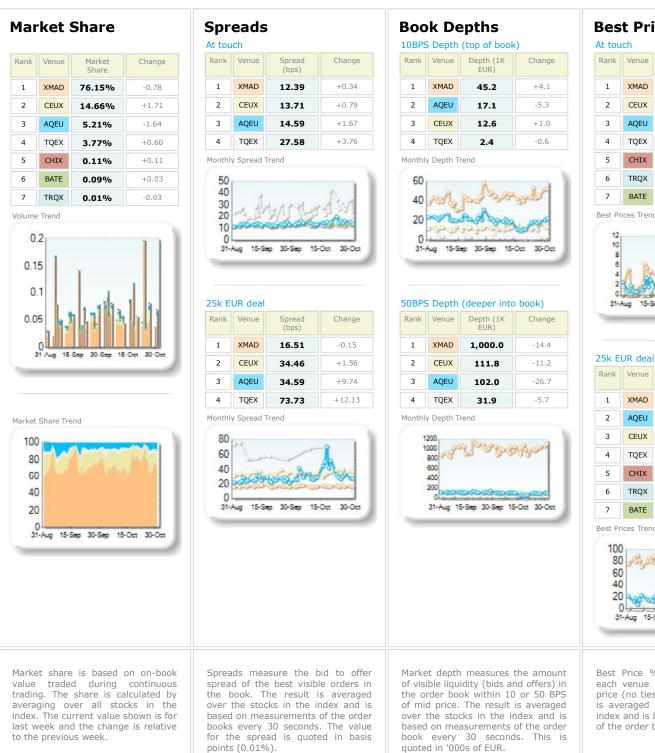
Comparison Period

Current Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Mar	ket s	Share			eads					pths		Best Prices			
				At tou					· · · ·	(top of boo	· · · · · · · · · · · · · · · · · · ·				
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Rank	Venue	Best Price (%)	Change
1	XMAD	74.02%	+2.77	1	XMAD	3.19	-0.14	1	XMAD	524.5	+55.6	1	XMAD	6.89	+1.32
2	CEUX	20.64%	-1.11	2	CEUX	3.22	-0.06	2	CEUX	207.4	+29.6	2	CEUX	6.06	-0.15
3	AQEU	3.15%	-1.47	3	AQEU	3.69	-0.06	3	AQEU	172.2	+18.6	3	AQEU	1.60	-1.57
4	TQEX	1.93%	-0.21	4	TQEX	9.06	+0.01	4	TQEX	33.6	+16.7	4	TQEX	0.64	-0.24
5	BATE	0.14%	-0.01	Monthl	y Spread T	rend		5	BATE	1.7	+0.0	5	BATE	0.01	-0.01
6	CHIX	0.06%	+0.04	12	1	Å	4	Monthl	y Depth Tr	rend	-	6	CHIX	0.00	+0.00
7	TRQX	0.05%	-0.01	8	3 State	Fill Value		800		-		7	TRQX	0.00	+0.00
8	AQXE	0.00%	+0.00	4	969690	and the second	-made	600	1	a Ages	No Contraction	8	AQXE	0.00	+0.00
100 80 60 40 20	Share Tre			25k E Rank 1 2 3 4 Monthi 20 15 10 5 0	UR deal Venue XMAD CEUX AQEU TQEX y Spread T	نومر محک	-Ост 30-Ост Сhange -0.53 -0.54 -0.36 -2.22 -0.36 -2.22	50BPS Rank 1 2 3 4 5 6 Monthl 25 20 15 10	Depth Venue XMAD CEUX AQEU TQEX BATE CHIX V Depth Tr 000 000 000	Sep 30-Sep 18 (deeper int Depth (1K EUR) 1,594.1 611.4 478.2 194.1 15.1 14.4 rend Sep 30-Sep 1	o book) Change +120.6 +12.4 +7.1 +7.9 +5.0 +1.3	25k E Rank 1 2 3 4 5 6 7 8 8 8 8 8 8 8 8 8 0 60 40 20 0	UR deal Venue XMAD CEUX AQEU TQEX CHIX TRQX BATE AQXE rices Trence	Best Price (%) 555.64 27.54 8.90 0.12 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Change +1.99 -1.23 -5.08 +0.08 +0.00 +0.00 +0.00 +0.00
value tradin avera index last w	trade ig. The ging ov . The cu veek and	d during share is ca /er all stoo rrent value s	on on-book continuous ulculated by cks in the shown is for e is relative	sprea the the over based books for th	d of the book. The the stoc l on mea s every	e best visib ne result ks in the i surements 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 liqui rder boo d price. the stoo on mea every	idity (bids a ok within 1 The result cks in the i asurements	the amount ind offers) in 0 or 50 BPS is averaged index and is of the order ds. This is	each price is av index	venue (no ties eraged and is b	o measures posts an ab) for stocks over the sto pased on me pook every 5	solute best The result ocks in the asurements

LiquidMetrix Battlemap for Sacyr Vallehermoso SA



points (0.01%).

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

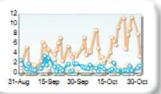
Best Prices

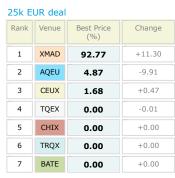
Current Period

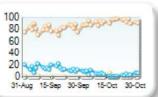
Comparison Period

	ic couch												
Rank	Venue	Best Price (%)	Change										
1	XMAD	6.19	+4.47										
2	CEUX	1.35	+0.50										
3	AQEU	1.01	-0.34										
4	TQEX	0.18	-0.11										
5	CHIX	0.00	+0.00										
6	TRQX	0.00	+0.00										
7	BATE	0.00	+0.00										

Best Prices Trend







LiquidMetrix Battlemap for SOLARIA ENERGIA Y

last week and the change is relative

to the previous week.

1ar	ket a	Share		Spr	eads			Boo	Book Depths					
				At tou	ıch			10BPS Depth (top of book)						
Rank	Venue	Market Share	Change	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang			
1	XMAD	64.34%	-2.02	1	XMAD	12.63	+1.45	1	XMAD	50.3	-12.6			
2	CEUX	24.01%	+1.54	2	CEUX	13.12	+1.61	2	AQEU	11.2	-3.1			
3	AQEU	6.16%	-0.44	3	AQEU	14.04	+1.26	3	CEUX	10.1	-2.7			
4	TQEX	4.99%	+0.73	4	TQEX	46.20	-5.02	4	TQEX	1.0	+0.0			
5	CHIX	0.27%	+0.23	Monthl	y Spread 1	īrend		Monthl	y Depth T	rend				
6	BATE	0.21%	+0.14	50 40		fit where		100						
7 olume 0.6	TRQX	0.02%	-0.19	30 20 10 0	253555 Aug 15-Se	y 99999999	-Oct 30-Oct			100 40 400 400 400 400 400 400 400 400 4	-Oct 30-0			
0.4	1				nay iorai	, <u></u>		-		ap 303ap 13				
0.2		. h		25k E Rank	UR deal Venue	Spread (bps)	Change	50BPS Rank	S Depth Venue	(deeper into	book)			
0	1/17		D M	1	XMAD	17.41	+1.24	1	XMAD	824.4	-57.:			
31	Aug 15-8	ep 30-Sep 15-	Oet 30-Oet	2	AQEU	34.96	+1.62	2	CEUX	111.3	-4.0			
-				3	CEUX	37.99	+2.32	3	AQEU	101.6	-4.8			
				Monthl	y Spread 1	rend		4	TQEX	18.7	-0.1			
arket	Share Tre	end		60				Monthl	y Depth T	rend				
80 60 40 20 31		3ep 30-Sep 15-	0er 30-0er	20 0 31-	Aug 15-Se	p 30-Sep 15	-Oct 30-Oct		000 800 400 0 31-Aug 18	S-Sep 30-Sep 10	Hora 30-0			

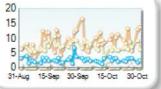
books every 30 seconds. The value

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

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Current Period Comparison Period

Best Prices At touch Best Price (%) Rank Venue Change XMAD +1.17 1 9.55 2 CEUX -0.41 7.14 3 AQEU 2.57 -0.02 4 TQEX 0.70 -0.28 5 CHIX 0.00 +0.00 6 TRQX 0.00 +0.00 7 BATE 0.00 +0.00 AQXE 8 0.00 +0.00 Best Prices Trend



25k EUR deal											
Rank	Venue	Best Price (%)	Change								
1	XMAD	97.96	+0.49								
2	CEUX	1.24	-0.01								
3	AQEU	0.70	-0.44								
4	TQEX	0.01	+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

based on measurements of the order

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

100 80 60 40 20 31-Aug 15-Sep 30-Sep 15-Oct 30-Oct

to the previous week.

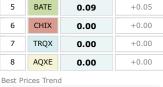
1ar	ket s	Share			eads				Book Depths					
Rank	Venue	Market	Change	At tou Rank	Venue	Spread	Change	10BPS Depth (top of book) Rank Venue Depth (1K Change						
		Share				(bps)				EUR)				
1	XMAD	67.39%	-4.46	1	CEUX	5.12	+0.17	1	XMAD	350.1	-38.3			
2	CEUX	20.68%	+2.38	2	XMAD	5.16	+0.24	2	AQEU	76.1	-12.0			
3	AQEU	6.61%	+0.99	3	AQEU	5.90	-0.02	3	CEUX	74.2	-5.7			
4	TQEX	4.89%	+0.95	4	TQEX	7.59	-0.53	4	TQEX	19.9	+1.5			
5	BATE	0.23%	+0.04	5	BATE	96.19	n/a	5	BATE	1.7	+0.3			
6	TRQX	0.11%	+0.02		y Spread T	rend			y Depth T	rend				
7 8	CHIX	0.09%	+0.07	12	1	8.		80		1	1			
1 0.8 0.6	1	. 11		25k E	UR deal			50BP	S Depth	(deeper into	book)			
0.4		1 14		Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Chang			
0				1	XMAD	6.66	+0.13	1	XMAD	1,814.8	-370			
31-	-Aug 15-5	ep 30-Sep 15-(Det 30-Oet	2	CEUX	10.53	+0.69	2	CEUX	542.4	+2.8			
				3	AQEU	10.57	+0.62	3	AQEU	422.9	+4.1			
				4	TQEX	23.14	-6.78	4	TQEX	231.9	+24.2			
arket	Share Tre	end		Monthl	y Spread T	rend		5	BATE	7.5	-0.8			
80 60 40 20 31		iep 30-Sep 15-	0er 30-0er	20 15 10 5 0 31-	Aug 15-Se	ap 30-Sep 15	+Oct 30-Oct	30 20	00 00 00 00 0 31-Aug 11	5-Sep 30-Sep 15	-Oct 30-0			
		is based c					bid to offer ole orders in			n measures idity (bids ar				

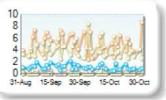
for the spread is quoted in basis points (0.01%).

Current Period Comparison Period

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023

Best Prices At touch Rank Venue Best Price Change (%) XMAD +0.04 1 4.77 2 CEUX +0.07 4.01 3 AQEU 0.95 -0.07 4 TQEX 0.73 +0.07

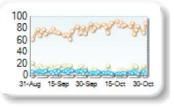




25k E	25k EUR deal										
Rank	Venue	Best Price (%)	Change								
1	XMAD	82.94	+10.19								
2	CEUX	8.89	-4.51								
3	AQEU	4.03	-2.42								
4	TQEX	0.25	-0.24								
5	CHIX	0.00	+0.00								
6	TRQX	0.00	+0.00								
7	BATE	0.00	+0.00								
8	AQXE	0.00	+0.00								

Best Prices Trend

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



LiquidMetrix Battlemap for UNICAJA BANCO. S.A.

1ar	ket s	Share			Spreads At touch				Book Depths 10BPS Depth (top of book)				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	85.72%	+9.06	1	XMAD	15.50	+0.78	1	XMAD	76.3	+14.1	1	XMAD	4.52	+2.5
2	CEUX	8.46%	-3.70	2	AQEU	16.30	+0.87	2	AQEU	25.5	-4.2	2	AQEU	1.53	-0.58
3	AQEU	4.35%	-3.40	3	CEUX	16.61	+0.44	3	CEUX	12.4	+0.4	3	CEUX	1.31	-0.4
	TQEX	1.41%	-2.00	4	TQEX	42.55	+7.02	4	TQEX	2.2	-0.7	4	TQEX	0.11	-0.2
	BATE	0.03%	+0.01	Monthly	y Spread T	rend		Monthl	/ Depth Tr	rend		5	CHIX	0.00	+0.0
	CHIX	0.03%	+0.02	60				12		9		6	BATE	0.00	+0.0
1 0.8 0.6 0.4 0.2				1	Aug 15-Se UR deal	p 30-Sep 15-	-Oct 30-Oct	1		(deeper into		Best Pr 20 15 10 5 0 31-/	ices Trenc	p 30-Sep 15-	0et 30-0
0	1 in		0et 30-0et	Rank	Venue	Spread (bps)	Change	Rank	Venue	Depth (1K EUR)	Change	Contract of the second			
-	-			2	XMAD	18.72	-0.16	2	XMAD	1,277.8	+32.9	25k E	UR deal		
				3	AQEU	28.77 46.89	+3.08	3	AQEU	131.1 90.3	-2.3	Rank	Venue	Best Price	Chan
ket	Share Tre	and		4	TQEX	95.63	+16.07	4	TQEX	26.0	-7.2	1	XMAD	(%) 82.93	+9.9
					y Spread T				/ Depth Tr			2	AQEU	9.41	-6.5
80		www		80				20				3	CEUX	0.71	-0.0
60				60	To	Recen		15		As some	all a	4	TQEX	0.01	-0.1
40				40		and a second	AB-00-C	10		andres	Je on	5	CHIX	0.00	+0.0
20	0			20	200000	ويودونه هاومو		0	00	n and an early and a	000000	6	BATE	0.00	+0.0
31		Sep 30-Sep 15-	Oet 30-Oet	31-/	Aug 15-Se	sp 30-Sep 15-	-Oct 30-Oct		31-Aug 15	i-Sep 30-Sep 18	5-Oct 30-Oct	7	AQXE	0.00	+0.0
												100 80 60 40 20	1. 200	ar 30-Sep 15	-0e 30-0
lue adin era dex st w	trade ig. The ging ov . The cu veek and	e is based o 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 b over based books for th	d of the book. Th the stoc on mea every	e best visib he 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 basec book	ble liqui rder boo d price. the stoo on mea every	idity (bids a ok within 10 The result cks in the in asurements	the amount nd offers) in 0 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 st pased on me pook every 5	osolute . The re ocks in asurem

01-Oct-2023 to 31-Oct-2023 01-Sep-2023 to 30-Sep-2023