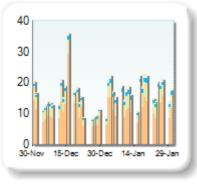
ES-35

Market ShareRankVenueMarket
ShareChange1XMAD65.58%-4.482CEUX22.92%+2.64

+2.643 AQEU 5.93% +1.214 TQEX 4.99% +0.59 5 BATE 0.38% -0.02 6 CHIX +0.03 0.16% 7 TRQX +0.010.04% AQXE +0.018 0.02%

Volume Trend



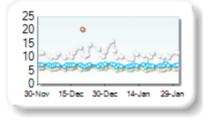
Market Share Trend

100 80 60 40 20 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Spreads

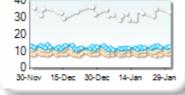
At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	5.86	-0.25		
2	XMAD	6.35	-0.11		
3	AQEU	6.92	-0.11		
4	TQEX	10.76	-0.51		
5	BATE	231.16	-31.91		
6	CHIX	330.42	+30.82		
7	AQXE	492.76	-6.87		

Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change		
1	XMAD	8.00	-0.13		
2	CEUX	10.17	-0.71		
3	AQEU	11.88	-0.33		
4	TQEX	34.43	-2.52		
5	BATE	260.69	-28.08		
6	CHIX	CHIX 348.46 +11.67			
Monthly	y Spread	Trend			
40 30 20	23-3 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ېږدرسوسس	- rai		



Current Period Comparison Period 01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Book Depths

10BPS Depth (top of book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	245.6	-53.5
2	CEUX	71.4	-1.4
3	AQEU	62.6	-3.9
4	TQEX	14.7	-2.1
5	TRQX	13.0	+0.0
6	BATE	1.5	-1.9
7	CHIX	1.1	-0.3
8	AQXE	0.7	+0.1

Monthly Depth Trend

Rank

1

2

3

4

5

6

7

8

Venue

XMAD

CEUX

AQEU

TQEX

BATE

TRQX

CHIX

AQXE

Monthly Depth Trend

2500

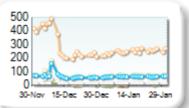
2000

1500

1000

500

0



50BPS Depth (deeper into book)

Depth (1K

EUR)

1,807.7

304.3

226.3

81.2

10.2

9.9

8.2

0.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Change

-77.2

+6.4

+2.1

+6.2

-5.2

+0.0

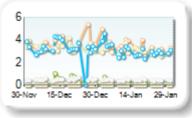
-4.6

+0.2

Best Prices

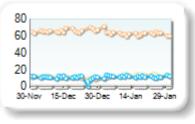
At touch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	3.39	-0.31	
2	AQEU	3.04	-0.46	
3	CEUX	3.01	-0.26	
4	TQEX	0.45	-0.05	
5	BATE	0.29	-0.14	
6	CHIX	0.01	+0.00	
7	AQXE	0.00	0.00	
8	TRQX	0.00	-0.01	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	62.42	-3.09		
2	CEUX	12.89	+1.64		
3	AQEU	11.66	+1.17		
4	TQEX	0.36	+0.12		
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



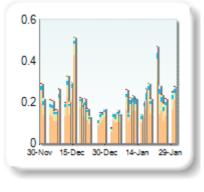
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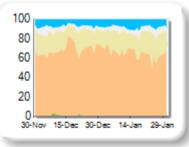
ACS Actividades de Construccion y Servicios SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	64.13%	-4.14		
2	CEUX	21.51%	+2.64		
3	AQEU	7.79%	+1.34		
4	TQEX	6.09%	+0.62		
5	CHIX	0.29%	+0.01		
6	BATE	0.19%	-0.47		
7	AQXE	0.00%	+0.00		
8	TRQX	0.00%	+0.00		

Volume Trend

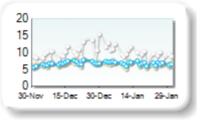


Market Share Trend



Spreads

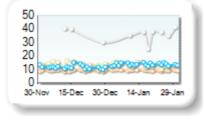




25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	9.47	+0.30
2	CEUX	13.27	-0.31
3	AQEU	13.70	+1.95
4	TQEX	52.23	+3.19

Monthly Spread Trend



Change

+18.4

+1.1

-13.7

-2.7

29-Jac

Change

+62.1

+25.0

-17.8

+12.1

-73

+0.5

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

400

300

200

100

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000 500 0

10BPS Depth (top of book)

Depth (1K EUR)

221.2

55.0

53.6

20.3

0.3

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,877.6

256.6

166.5

76.7

7.5

5.1

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

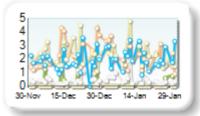
14- Jan

Best Prices

Λt	to		\mathbf{c}	h
- AL		u	u	

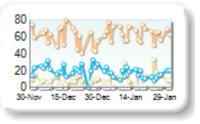
Rank	Venue	Best Price (%)	Change	
1	CEUX	2.35	+0.47	
2	AQEU	2.09	+0.23	
3	XMAD	2.08	-0.52	
4	TQEX	0.49	+0.12	
5	BATE	0.09	-0.25	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	63.71	+4.01		
2	AQEU	16.26	-5.12		
3	CEUX	13.56	+5.34		
4	TQEX	0.48	+0.24		
5	CHIX	0.00	+0.00		
6	TRQX	0.00	+0.00		
7	BATE	0.00	-0.02		
8	AQXE	0.00	+0.00		

Best Prices Trend



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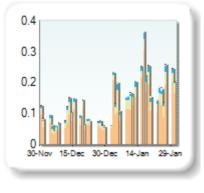
Acerinox SA

Market Share Rank Venue Market Share

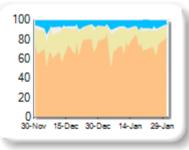
		Share	
1	XMAD	74.59%	+5.54
2	CEUX	16.48%	-4.71
3	AQEU	6.65%	+0.26
4	TQEX	1.98%	-1.02
5	BATE	0.20%	-0.01
6	CHIX	0.08%	-0.07
7	TRQX	0.01%	0.00
8	AQXE	0.01%	+0.01

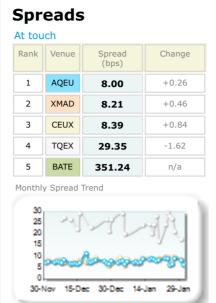
Change

Volume Trend



Market Share Trend

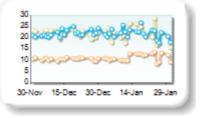




25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	11.28	+0.70
2	AQEU	21.80	-0.08
3	CEUX	21.81	-0.06
4	TQEX	224.61	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+7.3

+3.1

+2.6

+0 0

+0.0

Change

+198.1

+1.6

+0.8

+7.3

-0.5

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

300

250

200

150

100

50

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

178.4

31.4

29.8

2.8

0.1

15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

Depth (1K EUR)

1,516.7

187.0

123.8

33.5

3.4

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

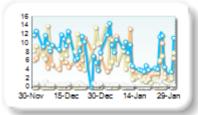
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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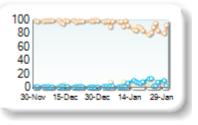
Rank	Venue	Best Price (%)	Change	
1	AQEU	7.61	-2.32	
2	XMAD	6.15	+0.22	
3	CEUX	4.56	-4.31	
4	TQEX	0.34	-0.37	
5	BATE	0.14	+0.03	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	90.12	-7.84		
2	AQEU	5.03	+4.09		
3	CEUX	4.31	+3.32		
4	TQEX	0.02	+0.02		
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



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Aena SA

Market Share Change Rank Venue Market Share 1 XMAD 56.27% -4.58 CEUX 2 28.63% +1.453 AQEU 7.81% +2.244 TQEX 6.55% +1.02 5 BATE 0.45% -0.19

+0.02

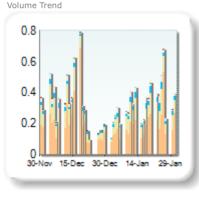
+0.01

+0.02

7 TRQX 0.02% 8 AQXE 0.02%

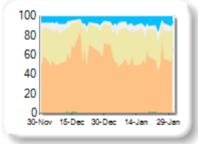
CHIX

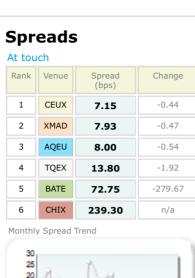
6



0.25%

Market Share Trend







25k E	UR deal				
Rank	Venue	Spread (bps)	Change		
1	XMAD	10.17	-0.68		
2	CEUX	12.52	-0.93		
3	AQEU	13.47	-1.27		
4	TQEX	52.22	-6.86		
5	BATE	147.77	n/a		
6	CHIX	240.80	n/a		
Monthly	y Spread	Trend			
Monthly Spread Trend					

Current Period Comparison Period

Change

+38.7

+6.9

+7.3

+2 0

+1.1

14-Jan 29-Jan

Change

+175.4

+17.3

+19.9

+6.5

+78

+0.1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

300 250

200

150

100

50

Rank

1

2

3

4

5

6

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2000 1500

1000

500 0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

214.3

67.7

62.2

12.4

1.9

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,717.8

282.0

215.4

76.6

14.9

1.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

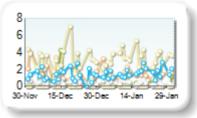
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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AL	LUU	ICH I

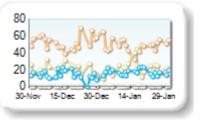
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.27	-0.12	
2	AQEU	1.56	+0.32	
3	XMAD	1.50	-0.34	
4	TQEX	0.44	+0.02	
5	BATE	0.20	-0.58	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	48.56	-3.29		
2	CEUX	20.78	-0.51		
3	AQEU	16.81	+2.98		
4	TQEX	0.62	+0.24		
5	BATE	0.01	+0.01		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



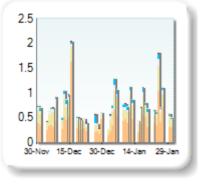
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Amadeus IT Holding SA

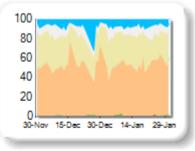
Market Share

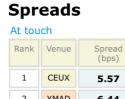
Rank	Venue	Market Share	Change
1	XMAD	53.05%	-1.65
2	CEUX	30.13%	+1.03
3	TQEX	8.53%	+0.28
4	AQEU	7.11%	+0.02
5	BATE	0.77%	+0.26
6	CHIX	0.29%	+0.08
7	TRQX	0.12%	+0.01
8	AQXE	0.02%	-0.02

Volume Trend



Market Share Trend

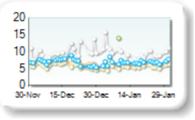




-0.26 2 XMAD 6.44 -0.38 3 AQEU 6.77 -0.14 4 TQEX 9.41 -0.14 5 BATE 72.31 -138.53

Change

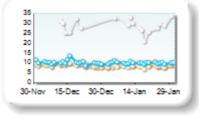
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	8.33	-0.37
2	CEUX	8.68	-0.65
3	AQEU	10.03	-0.26
4	TQEX	34.57	-4.84

Monthly Spread Trend



Current Period Comparison Period

Change

-2.8

+4.5

-0.3

+0.2

+2.3

29- Jac

Change

+108.9

+26.2

+20.1

+1.8

+5.3

+0.4

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

300

250 200

150

100

50

•

Rank

1

2

3

4

5

6

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000 500 0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

274.9

105.5

86.4

24.5

3.6

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

1,979.9

393.2

305.5

94.1

15.8

2.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

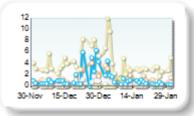
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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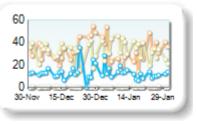
Rank	Venue	Best Price (%)	Change
1	CEUX	3.91	-0.50
2	XMAD	1.31	-0.04
3	AQEU	0.96	-0.52
4	TQEX	0.38	-0.22
5	BATE	0.24	+0.19
6	CHIX	0.01	+0.01
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	CEUX	33.16	+1.96		
2	XMAD	31.26	-3.23		
3	AQEU	12.63	-1.04		
4	TQEX	0.70	+0.10		
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



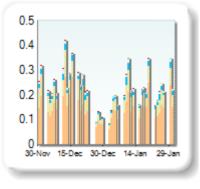
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Acciona SA

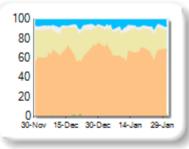
Market Share

Rank	Venue	Market Share	Change
1	XMAD	65.55%	+2.04
2	CEUX	22.71%	-2.39
3	AQEU	7.23%	+0.71
4	TQEX	4.01%	+0.00
5	BATE	0.36%	-0.37
6	CHIX	0.12%	-0.01
7	TRQX	0.01%	+0.01
8	AQXE	0.01%	+0.01

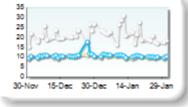
Volume Trend



Market Share Trend



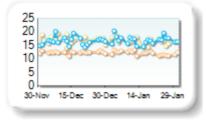
Spreads At touch Spread Rank Venue Change (bps) 1 CEUX 10.06 -0.16 2 XMAD 10.43 -0.17 -0.33 3 AQEU 10.51 4 TQEX 21.42 +0.315 BATE 109.63 -6.79 Monthly Spread Trend 35



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	12.14	-0.29
2	CEUX	16.50	-0.52
3	AQEU	16.94	+0.40
4	TQEX	78.12	-19.89

Monthly Spread Trend



Current Period Comparison Period

Change

-0.6

-2.7

-0.7

+0.1

+0.0

+0.0

29-Ja

Change

-80.2

+16.9

+3.7

-1.0

+4.0

+0.4

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

CHIX

Monthly Depth Trend

Rank

1

2

3

4

5

6

200

150

100

50

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

115.2

42.7

42.3

6.5

1.2

0.0

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

1,806.2

252.7

200.8

44.0

16.0

9.4

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

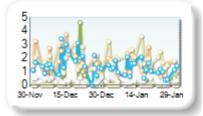
50BPS Depth (deeper into book)

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

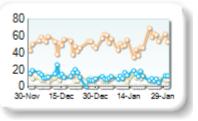
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	1.97	+0.06	
2	XMAD	1.43	-0.51	
3	AQEU	1.20	-0.43	
4	TQEX	0.31	-0.02	
5	BATE	0.13	-0.41	
6	CHIX	0.00	+0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	52.52	+2.84	
2	AQEU	11.43	-1.48	
3	CEUX	9.47	-0.48	
4	TQEX	0.14	-0.09	
5	CHIX	0.00	+0.00	
6	TRQX	0.00	+0.00	
7	BATE	0.00	-0.02	
8	AQXE	0.00	+0.00	

Best Prices Trend



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CORP ACCIONA ENERGIAS RENOVABLES SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	63.70%	+1.11		
2	CEUX	25.95%	-3.14		
3	TQEX	8.77%	+1.46		
4	BATE	1.32%	+0.76		
5	CHIX	0.22%	-0.21		
6	TRQX	0.04%	+0.02		

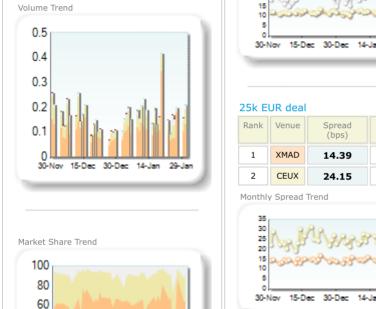


40

20

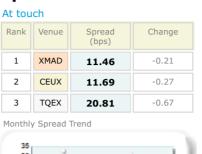
0

30-Nov



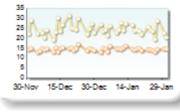
29-Jan

Spreads





Change +0.02-0.51



Current Period Comparison Period

Change

-1.8

+0.4

-0.1

+1.4

-0.7

29- Jac

Change

+12.4

-3.0

+2.5

+5.3

-2.6

Book Depths

Venue

XMAD

CEUX

TOFX

BATE

CHIX

Monthly Depth Trend

120

100

80

60

40

20

Rank

1

2

3

4

5

30-New

Venue

XMAD

CEUX

TQEX

BATE

CHIX

Monthly Depth Trend

1600 1400 1200

1000 800

600 400

200

0

15-Dec

50BPS Depth (deeper into book)

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

66.7

23.9

6.0

3.3

0.6

30-Dec

Depth (1K EUR)

1,145.9

152.4

37.8

13.4

6.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

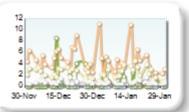
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

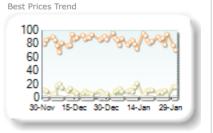
At	touch	

Actouch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	4.39	-0.33	
2	CEUX	2.30	-0.19	
3	BATE	0.80	-0.29	
4	TQEX	0.63	-0.43	
5	CHIX	0.15	+0.04	
6	TRQX	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	84.31	-1.10	
2	CEUX	10.75	+1.09	
3	BATE	0.13	+0.13	
4	TQEX	0.10	+0.01	
5	CHIX	0.00	+0.00	
6	TRQX	0.00	+0.00	



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15-Dec 30-Dec 14-Jan

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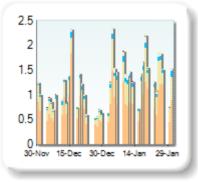
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Best Price % measures how often each venue posts an absolute best price (no ties) for stocks. The result is averaged over the stocks in the index and is based on measurements of the order book every 5 seconds.

Banco Bilbao Vizcaya Argentaria SA

Market Share				
Rank	Venue	Market Share	Change	
1	XMAD	61.05%	-7.43	
2	CEUX	28.73%	+5.17	
3	AQEU	5.17%	+0.65	
4	TQEX	4.40%	+1.41	
5	BATE	0.41%	+0.06	
6	CHIX	0.19%	+0.10	
7	TRQX	0.04%	+0.03	
8	AQXE	0.01%	+0.01	

Volume Trend



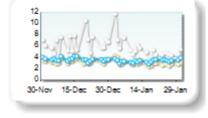
Market Share Trend

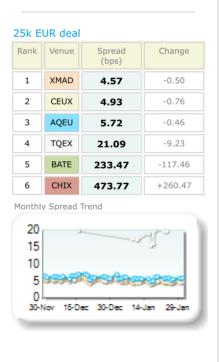
100 80 60 40 20 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Spreads

At touch				
Rank	Venue	Spread (bps)	Change	
1	CEUX	2.93	-0.38	
2	XMAD	3.35	-0.38	
3	AQEU	3.41	-0.28	
4	TQEX	5.56	-1.47	
5	BATE	143.40	-100.66	
6	CHIX	286.29	+74.88	
7	TRQX	501.00	n/a	
8	AQXE	501.00	n/a	

Monthly Spread Trend





Current Period Comparison Period

Change

+117.6

+31.9

+35.6

+5.0

+0.5

Change

+15.0

+55.0

+37.0

+35.2

+5.6

+10.5

+0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

400 200

0

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

AQXE

Monthly Depth Trend

4000 3000

2000

1000

0

Rank

1

2

3

4

5

Rank

1

2

3

4

5

6

7

10BPS Depth (top of book)

Depth (1K EUR)

709.4

199.8

164.5

28.7

1.6

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

Depth (1K EUR)

2,528.7

589.6

402.3

152.6

30.7

29.6

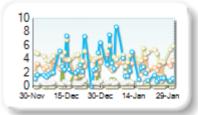
0.4

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Best Prices

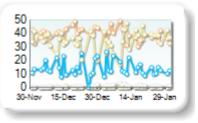
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	4.46	+0.53	
2	XMAD	2.94	+0.43	
3	AQEU	2.59	+0.35	
4	TQEX	0.72	+0.26	
5	BATE	0.43	-0.05	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	37.60	-3.16	
2	CEUX	35.97	+2.74	
3	AQEU	13.81	-0.32	
4	TQEX	1.34	+0.73	
5	BATE	0.04	0.00	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



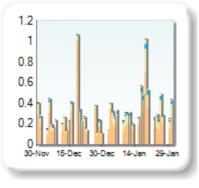
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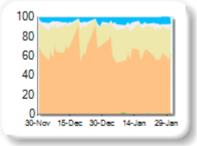
Bankinter SA

Market Share Change Rank Venue Market Share 1 XMAD 61.25% -11.26 CEUX 2 27.51% +7.573 AQEU 5.86% +2.064 TQEX 4.51% +0.96 5 CHIX 0.44% +0.36 6 BATE +0.28 0.41% 7 TRQX +0.020.03% AQXE 0 00 8 0.00%

Volume Trend



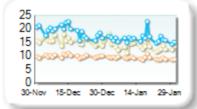
Market Share Trend







25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	9.21	-0.68		
2	CEUX	13.52	-1.91		
3	AQEU	16.35	-2.70		
4	TQEX	65.43	-10.88		
5	CHIX	324.87	n/a		
Monthly Spread Trend					



Current Period Comparison Period

Change

+41.3

+11.1

+7.1

+3.1

+0.0

29- Jan

Change

+207.8

+30.9

+14.5

+8.3

+24

-0.9

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

300 250

200

150

100 50

Rank

1

2

3

4

5

6

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500 2000

1500

1000

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

229.2

58.5

44.5

9.1

0.2

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

1,952.4

275.4

173.1

61.1

6.7

2.5

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

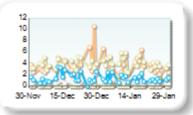
50BPS Depth (deeper into book)

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

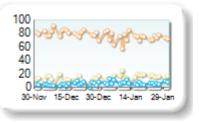
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	4.11	+0.05	
2	XMAD	3.60	+0.19	
3	AQEU	1.31	-0.23	
4	TQEX	0.64	-0.25	
5	BATE	0.26	+0.15	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	74.03	-6.22	
2	CEUX	15.73	+3.46	
3	AQEU	6.97	+1.89	
4	TQEX	0.16	+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



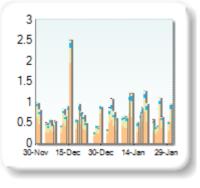
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CaixaBank

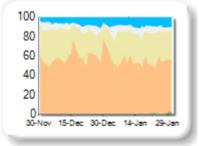
Market Share

Rank	Venue	Market Share	Change
1	XMAD	54.02%	-7.30
2	CEUX	28.65%	+2.77
3	AQEU	8.79%	+2.38
4	TQEX	7.64%	+1.95
5	BATE	0.51%	+0.05
6	CHIX	0.32%	+0.11
7	TRQX	0.06%	+0.04
8	AQXE	0.02%	0.00

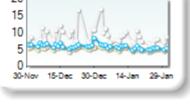
Volume Trend



Market Share Trend



Spreads At touch Spread Rank Venue Change (bps) 1 CEUX 4.99 -0.34 2 AOEU 5.51 -0.67 3 XMAD 5.51 -0.34 4 TQEX 8.59 -0.70 5 CHIX 262.43 +84.566 BATE 284.94 +25.20 Monthly Spread Trend 20



25k EUR deal				
Rank	Venue	Spread (bps)	Change	
1	XMAD	7.05	-0.55	
2	CEUX	8.32	-0.64	
3	AQEU	8.36	-1.16	
4	TQEX	37.78	-3.50	
5	BATE	196.98	n/a	
6	CHIX	263.73	+82.24	
Monthly	y Spread	Trend		
35 30 25 20 15 10 5 0				
30-Nov 15-Dec 30-Dec 14-Jan 29-Jan				

Current Period Comparison Period

Change

+27.5

+15.3

+10.0

+0.3

29- Jan

Change

+69.6

+65.0

+55.0

+7.9

0 0

0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

600

400

200

Rank

1

2

3

4

5

6

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

3500 3000

2500 2000

1500

500

0 Second

0 30-Nov

10BPS Depth (top of book)

Depth (1K EUR)

384.2

119.8

107.0

22.6

1.4

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,603.8

473.7

383.9

86.4

6.1

1.3

15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

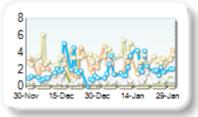
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At	to	uc

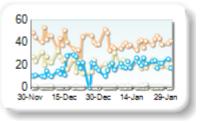
Actouch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.61	+0.76	
2	XMAD	2.59	+0.41	
3	AQEU	2.14	-0.20	
4	TQEX	0.67	+0.16	
5	BATE	0.12	-0.07	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	39.52	-1.42	
2	CEUX	20.81	-1.59	
3	AQEU	20.30	+4.26	
4	TQEX	1.19	+0.40	
5	BATE	0.01	+0.01	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



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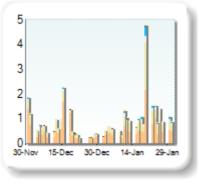
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Cellnex Telecom SAU

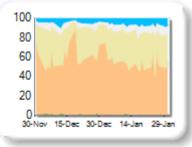
Market Share

Rank	Venue	Market Share	Change
1	XMAD	51.40%	-12.05
2	CEUX	33.27%	+6.69
3	TQEX	7.46%	+2.37
4	AQEU	6.83%	+3.00
5	BATE	0.55%	-0.23
6	CHIX	0.18%	-0.02
7	TRQX	0.16%	+0.12
8	AQXE	0.13%	+0.13

Volume Trend

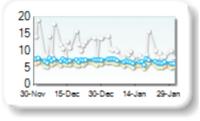


Market Share Trend



Spreads

Rank	Venue	Spread (bps)	Change
1	CEUX	5.63	-0.31
2	XMAD	6.20	-0.55
3	AQEU	6.74	-0.40
4	TQEX	9.39	-2.70
5	BATE	221.86	+24.89
6	AQXE	501.00	n/a



25k EUR deal				
Rank	Venue	Spread (bps)	Change	
1	XMAD	8.14	-0.67	
2	CEUX	9.54	-1.26	
3	AQEU	12.27	-0.89	
4	TQEX	63.54	-32.49	
5	BATE	154.30	n/a	
Monthly Spread Trend				

25 20 15 10 5 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan Current Period Comparison Period

Change

+49.2

+16.4

+3.6

+3.8

+0.2

29- Jac

Change

+230.3

+38.4

+6.5

+10.8

-0.1

+0.3

+0.1

-0.1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

200

150

100

50

0

Rank

1

2

3

4

5

6

7

8

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

TRQX

AQXE

CHIX

Monthly Depth Trend

2500

2000

1500

1000 500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

296.6

98.0

65.6

22.0

0.9

15-Dec. 30-Dec.

50BPS Depth (deeper into book)

Depth (1K EUR)

2,032.6

390.5

244.0

69.4

9.4

4.3

2.6

0.4

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

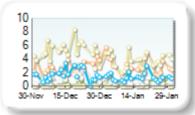
14- Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

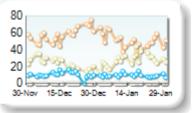
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.83	-1.83	
2	XMAD	2.76	-0.17	
3	AQEU	1.30	-0.49	
4	TQEX	0.60	-0.45	
5	BATE	0.40	+0.03	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	50.31	-7.36		
2	CEUX	27.79	+4.18		
3	AQEU	9.73	-0.91		
4	TQEX	0.75	+0.37		
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



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.

INMOBILIARIA COLONIAL SA INMOBILIARIA COLOI

Spreads

Venue

AQEU

XMAD

CEUX

TQEX

BATE

Spread

(bps)

14.64

15.43

16.43

47.71

185.35

Change

-0.24

-0.23

-0.67

+0 77

n/a

At touch

Rank

1

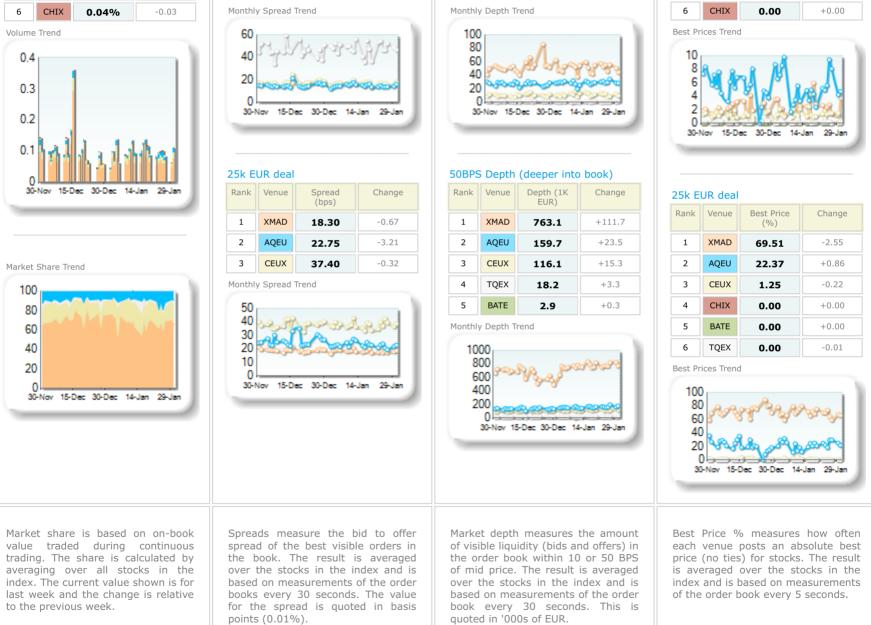
2

3

4

5

Market Share							
Rank	Venue	Market Share	Change				
1	XMAD	65.59%	-5.79				
2	CEUX	20.86%	+4.73				
3	AQEU	10.00%	+1.32				
4	TQEX	3.37%	-0.09				
5	BATE	0.14%	-0.15				
6	CHIX	0.04%	-0.03				



Current Period Comparison Period

Change

-1.7

+1.3

+1.1

 ± 0.1

-0.4

Book Depths

Venue

XMAD

AOEU

CEUX

BATE

TQEX

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

50.9

28.8

11.2

2.3

0.9

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At touch						
Rank	Venue	Best Price (%)	Change			
1	AQEU	5.41	-0.71			
2	XMAD	2.51	+0.30			
3	CEUX	1.33	+0.58			
4	TQEX	0.14	-0.05			
5	BATE	0.06	-0.10			
6	CHIX	0.00	+0.00			

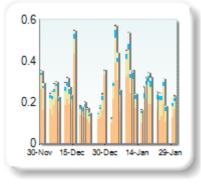


Endesa SA

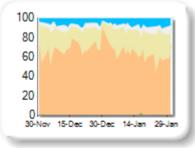
Market Share

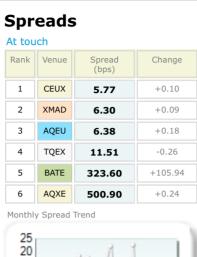
Rank	Venue	Market Share	Change
1	XMAD	63.41%	-5.75
2	CEUX	23.55%	+3.60
3	AQEU	6.69%	+1.28
4	TQEX	5.67%	+0.76
5	BATE	0.50%	+0.07
6	CHIX	0.18%	+0.04
7	AQXE	0.00%	+0.00
8	TRQX	0.00%	0.00

Volume Trend



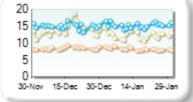
Market Share Trend







Rank	Venue	Spread (bps)	Change
1	XMAD	8.25	-0.18
2	CEUX	12.31	-1.53
3	AQEU	15.24	+0.24
4	TQEX	55.70	-6.58
5	BATE	327.39	n/a



Current Period Comparison Period

Change

+21.8

+7.0

-0.8

-0.1

29- Jan

Change

+77.8

+23.6

+3.8

+4.9

-5 1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

300 250

200 150

100 50

0

Rank

1

2

3

4

5

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2500

2000

1500

1000

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

289.2

59.6

46.0

11.3

0.7

15-Dec. 30-Dec.

50BPS Depth (deeper into book)

Depth (1K EUR)

1,927.7

275.0

174.2

68.9

5.4

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

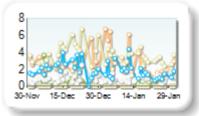
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At	to	uch	h

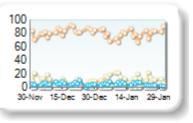
Actouch					
Rank	Venue	Best Price (%)	Change		
1	CEUX	3.30	-0.63		
2	XMAD	2.83	+0.03		
3	AQEU	1.66	-0.77		
4	TQEX	0.87	-0.06		
5	BATE	0.17	-0.17		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	78.75	-3.66		
2	CEUX	14.13	+4.10		
3	AQEU	5.22	-0.34		
4	TQEX	0.21	+0.06		
5	BATE	0.00	-0.01		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



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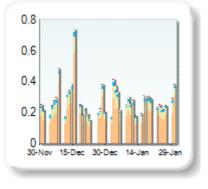
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Enagas SA

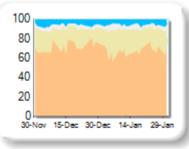
Market Share

Rank	Venue	Market Share	Change
1	XMAD	67.24%	-4.60
2	CEUX	22.14%	+3.84
3	AQEU	5.42%	-0.05
4	TQEX	4.69%	+0.60
5	BATE	0.33%	+0.12
6	CHIX	0.17%	+0.09
7	AQXE	0.01%	+0.01
8	TRQX	0.00%	+0.00

Volume Trend



Market Share Trend



Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 6.09 -0.22 2 XMAD 6.26 -0.46 3 AQEU 7.20 0.00 4 TQEX 10.99 -1.91 5 BATE 83.46 -296.19 Monthly Spread Trend 25 20 15 10 5

25k EUR deal

0

30-Nov

15-Dec

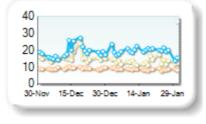
Rank	Venue	Spread (bps)	Change
1	XMAD	8.62	-0.56
2	CEUX	13.15	-2.24
3	AQEU	19.37	+0.52
4	TQEX	49.91	-10.99

30-Dec

14-Jan

29-Jac

Monthly Spread Trend



Current Period Comparison Period

Change

+39.5

+10.9

-3.1

+0.3

+0.0

Change

+160.8

+38.2

-0.8

+7.1

-2.1

-0.7

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

Rank

1

2

3

4

5

6

400

300

200

100

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

3500

3000

2500 2000 1500

1000 500

0

10BPS Depth (top of book)

Depth (1K EUR)

273.3

56.7

34.4

15.9

2.4

0.3

15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

Depth (1K EUR)

1,851.2

276.0

154.0

75.3

14.6

14.0

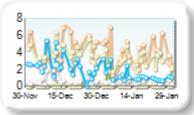
30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

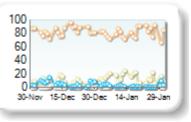
At touch					
Rank	Venue	Best Price (%)	Change		
1	XMAD	3.84	+0.22		
2	CEUX	3.11	-0.79		
3	AQEU	1.29	-1.06		
4	TQEX	0.55	-0.14		
5	BATE	0.25	+0.39		
6	CHIX	0.00	-0.02		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	80.55	-2.62		
2	CEUX	14.38	+4.75		
3	AQEU	2.51	-3.01		
4	TQEX	0.34	+0.03		
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



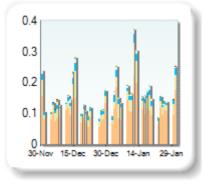
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FLUIDRA SA

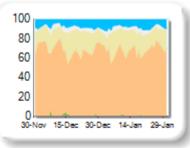
Market Share

Rank	Venue	Market Share	Change
1	XMAD	66.59%	-0.24
2	CEUX	20.73%	+0.52
3	AQEU	8.31%	+0.60
4	TQEX	3.79%	-0.04
5	BATE	0.45%	-0.71
6	CHIX	0.06%	-0.18
7	TRQX	0.06%	+0.03
8	AQXE	0.01%	+0.01

Volume Trend



Market Share Trend



Spreads At touch Spread Rank Venue Change (bps) 1 AQEU 13.43 -2.20 2 XMAD 13.61 -1.96 -2.78 3 CEUX 14.39 4 TQEX 35.10 -6.88 5 BATE 219.27 -87.05 Monthly Spread Trend 50 40 30 20

25k EUR deal

10

0

30-Nov

15-Dec.

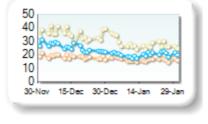
Rank	Venue	Spread (bps)	Change
1	XMAD	16.42	-2.09
2	AQEU	20.20	-5.22
3	CEUX	27.83	-7.36
4	TQEX	92.17	n/a

30-Dec

14-Jan

29- Jac

Monthly Spread Trend



Current Period Comparison Period

Change

+33.2

+14.4

+10.0

+0.1

+1.7

+0.2

Change

+200.7

+38.5

+32.5

+7.5

+0.4

+1.4

+0.1

Book Depths

Venue

XMAD

AOEU

CEUX

AQXE

TQEX

BATE

Monthly Depth Trend

120

100

80

60

40

20

Rank

1

2

3

4

5

6

7

0

30-Nov

Venue

XMAD

AQEU

CEUX

TQEX

CHIX

BATE

AQXE

Monthly Depth Trend

2000 1500

1000

500

0

Rank

1

2

3

4

5

6

10BPS Depth (top of book)

Depth (1K EUR)

78.5

37.1

19.6

2.7

2.4

1.0

15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

Depth (1K EUR)

1,361.6

186.2

184.6

32.7

8.1

4.8

2.7

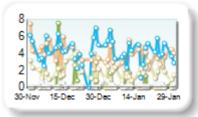
30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

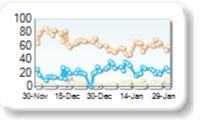
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	4.23	+0.62	
2	XMAD	3.51	-1.08	
3	CEUX	1.80	-0.24	
4	BATE	0.38	-0.21	
5	TQEX	0.27	+0.22	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	57.30	-13.63		
2	AQEU	26.16	+7.86		
3	CEUX	4.31	+1.50		
4	TQEX	0.12	+0.08		
5	BATE	0.01	+0.01		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



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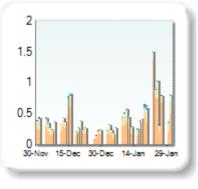
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Ferrovial SA

Market Share

1 XMAD 67.30% +4.12 2 CEUX 21.29% -3.71 3 TQEX 6.03% -0.35 4 AQEU 4.86% +0.22 5 BATE 0.32% -0.24 6 CHIX 0.14% -0.08 7 AQXE 0.03% +0.03 8 TRQX 0.03% +0.02	Rdlik	venue	Share	Change
Image: Constraint of the state of	1	XMAD	67.30%	+4.12
4 AQEU 4.86% +0.22 5 BATE 0.32% -0.24 6 CHIX 0.14% -0.08 7 AQXE 0.03% +0.03	2	CEUX	21.29%	-3.71
5 BATE 0.32% -0.24 6 CHIX 0.14% -0.08 7 AQXE 0.03% +0.03	3	TQEX	6.03%	-0.35
6 CHIX 0.14% -0.08 7 AQXE 0.03% +0.03	4	AQEU	4.86%	+0.22
7 AQXE 0.03% +0.03	5	BATE	0.32%	-0.24
	6	CHIX	0.14%	-0.08
8 TRQX 0.03% +0.02	7	AQXE	0.03%	+0.03
	8	TRQX	0.03%	+0.02

Volume Trend

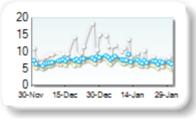


Market Share Trend

100 80 60 40 20 0. 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 6.37 -0.04 2 XMAD 7.02 -0.14 3 AQEU 7.36 +0.054 TQEX 9.29 -0.82 5 BATE 115.47 -5.41 6 CHIX 176.48 n/a

Monthly Spread Trend



25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	8.82	+0.07		
2	CEUX	10.32	-0.34		
3	AQEU	12.52	+0.42		
4	TQEX	32.23	-1.01		
5	BATE	155.18	+12.33		
6	CHIX	184.67	n/a		
Monthly	y Spread	Trend			
35 25 20 15 10					

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

Current Period Comparison Period

Change

+53.0

+9.7

-3.1

+1.9

-0.2

29-Jac

Change

-68.6

+10.4

+0.5

+2.4

-17

+0.7

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

500 400

300

200

100

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500 2000

1500

1000 500 0

10BPS Depth (top of book)

Depth (1K EUR)

327.7

92.9

61.4

23.9

1.0

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

1,961.7

360.6

231.9

95.0

16.4

8.7

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

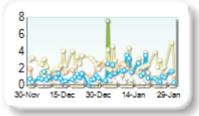
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

	to		C	r
7.00		u	~	

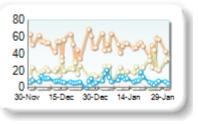
Rank	Venue	Best Price (%)	Change	
1	CEUX	2.77	-0.49	
2	XMAD	1.72	+0.42	
3	AQEU	1.58	+0.20	
4	BATE	0.59	-0.06	
5	TQEX	0.49	+0.05	
6	CHIX	0.00	-0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	48.03	-3.31		
2	CEUX	22.53	+2.92		
3	AQEU	9.68	+2.26		
4	TQEX	1.12	+0.28		
5	BATE	0.02	+0.00		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



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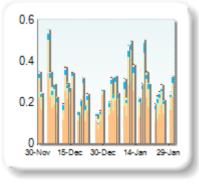
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

GRIFOLS CLASE A

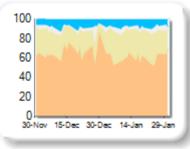
Market Share

Rank	Venue	Market Share	Change
1	XMAD	60.44%	-6.17
2	CEUX	27.49%	+4.84
3	AQEU	7.28%	+0.49
4	TQEX	4.40%	+0.91
5	BATE	0.25%	-0.07
6	CHIX	0.14%	+0.06
7	TRQX	0.01%	-0.07
8	AQXE	0.00%	+0.00

Volume Trend



Market Share Trend



SpreadsAt touchRankVenueSpread
(bps)1CEUX8.482XMAD9.193AQEU9.43

 3
 AQEU
 9.43
 -0.81

 4
 TQEX
 17.49
 -4.17

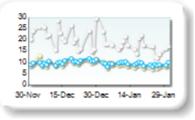
 5
 BATE
 267.77
 n/a

Change

-1.29

-0.95

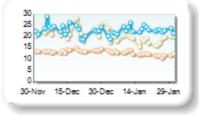
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	12.57	-1.14
2	CEUX	19.05	-3.23
3	AQEU	22.76	-0.33
4	TQEX	67.97	-0.85

Monthly Spread Trend



Current Period Comparison Period

Change

+1.3

+3.6

-4.2

+1.5

-0.1

29- Jac

Change

+257.6

+27.3

+1.3

+9.7

+1 3

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

250

200

150

100

50

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

116.8

33.7

26.8

5.3

0.3

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,412.0

219.1

147.8

57.8

5.6

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

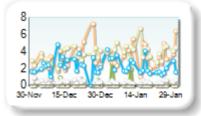
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At touch

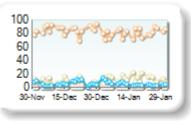
AL LOUCH					
Rank	Venue	Best Price (%)	Change		
1	CEUX	4.06	+1.03		
2	XMAD	3.51	-0.01		
3	AQEU	2.23	-0.18		
4	TQEX	0.35	-0.05		
5	BATE	0.23	+0.32		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	80.32	-4.85	
2	CEUX	12.81	+5.00	
3	AQEU	5.59	-0.32	
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



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International Consolidated Airlines Group SA

+0.02

-0.01

+0.00

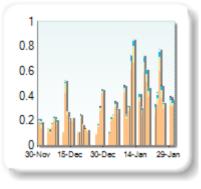
Market Share						
	Rank	Venue	Market Share	Change		
	1	XMAD	81.14%	-2.74		
	2	CEUX	11.27%	+0.99		
	3	AQEU	5.75%	+1.41		
	4	TQEX	1.76%	+0.29		
	5	BATE	0.06%	+0.04		

 6
 CHIX
 0.02%

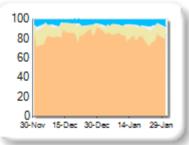
 7
 TRQX
 0.00%

 8
 AQXE
 0.00%

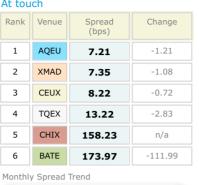
Volume Trend

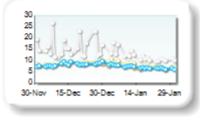


Market Share Trend



Spreads At touch







Rank	Venue	Spread (bps)	Change
1	XMAD	8.93	-1.64
2	AQEU	11.77	-3.22
3	CEUX	13.69	-2.77
4	TQEX	24.44	-10.40

Monthly Spread Trend



Current Period Comparison Period

Change

+101.6

+16.3

+21.6

+18.9

+0.3

-0.2

+0.1

29-Ja

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

TRQX

BATE

CHIX

Monthly Depth Trend

Rank

1

2

3

4

5

6

7

500

400

300

200

100

0

30-Nov

10BPS Depth (top of book)

Depth (1K EUR)

310.2

83.1

82.0

34.0

13.0

0.9

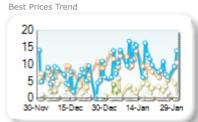
0.8

15-Dec 30-Dec 14-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

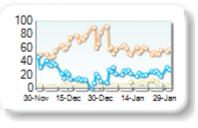
Best Prices

At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	10.89	+2.07	
2	XMAD	9.44	+1.04	
3	CEUX	2.99	-0.37	
4	TQEX	0.49	-0.09	
5	BATE	0.40	+0.08	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	-0.22	
8	AQXE	0.00	+0.00	



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	57.66	-5.84	
2	AQEU	23.08	+1.25	
3	CEUX	5.85	+2.45	
4	TQEX	0.06	+0.01	
5	BATE	0.01	+0.01	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend

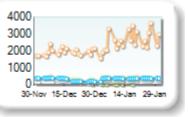


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50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	2,556.1	+640.9
2	CEUX	392.3	+64.1
3	AQEU	349.0	+62.3
4	TQEX	253.8	+87.2
5	TRQX	9.8	+0.3
6	BATE	5.5	+1.8
7	CHIX	3.7	+0.1
8	AQXE	1.5	+0.1

Monthly Depth Trend

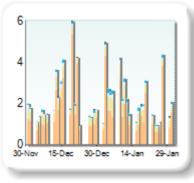


Iberdrola SA

Market Share

Rank	Venue	Market Share	Change
1	XMAD	67.60%	-5.05
2	CEUX	20.13%	+2.57
3	TQEX	6.03%	+1.01
4	AQEU	5.87%	+1.62
5	BATE	0.25%	-0.13
6	CHIX	0.08%	-0.01
7	AQXE	0.02%	+0.00
8	TRQX	0.00%	-0.01

Volume Trend



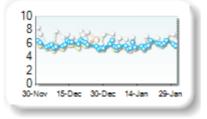
Market Share Trend

100 80 60 40 20 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

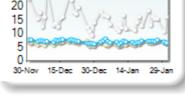
Spreads

At touch				
Rank	Venue	Spread (bps)	Change	
1	CEUX	5.60	+0.07	
2	XMAD	5.69	-0.12	
3	AQEU	5.77	-0.07	
4	TQEX	6.45	-0.31	
5	BATE	240.48	+110.75	
6	CHIX	495.61	n/a	
7	AQXE	500.82	-0.18	
8	TRQX	501.00	n/a	

Monthly Spread Trend



Rank	Venue	Spread (bps)	Change
1	XMAD	6.31	-0.28
2	CEUX	6.51	-0.07
3	AQEU	7.03	-0.20
4	TQEX	14.37	-2.48
5	BATE	335.29	+138.89
6	CHIX	493.58	n/a
Ionthl	y Spread	Trend	



Current Period Comparison Period

Change

+97.2

+33.5

+3.3

+7.4

-0.3

+0.1

0.0

29-Ja

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

AQXE

Monthly Depth Trend

1000 800

600

400

200

0

30-Nov

Rank

1

2

3

4

5

6

7

10BPS Depth (top of book)

Depth (1K EUR)

580.8

242.9

154.0

70.4

2.3

0.7

0.0

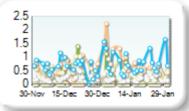
15-Dec 30-Dec 14-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

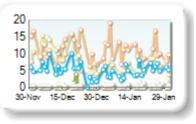
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	0.81	-0.10	
2	XMAD	0.79	+0.48	
3	CEUX	0.39	-0.14	
4	BATE	0.24	-0.23	
5	TQEX	0.22	-0.09	
6	CHIX	0.01	+0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	0.00	





25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	10.95	-0.05	
2	CEUX	6.02	-3.61	
3	AQEU	4.93	-0.23	
4	TQEX	0.82	+0.18	
5	BATE	0.04	-0.27	
6	CHIX	0.01	+0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



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50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	3,265.0	-37.4
2	CEUX	815.5	+135.4
3	AQEU	432.4	-9.1
4	TQEX	175.8	+3.9
5	BATE	13.6	-5.8
6	CHIX	6.2	+1.3
7	AQXE	0.0	0.0

Monthly Depth Trend

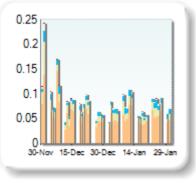


LiquidMetrix Battlemap for

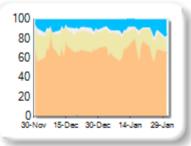
Indra Sistemas SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	66.80%	-1.43		
2	CEUX	18.70%	-0.23		
3	AQEU	10.96%	+2.18		
4	TQEX	3.42%	-0.32		
5	BATE	0.11%	-0.13		
6	TRQX	0.01%	+0.01		
7	CHIX	0.00%	-0.08		
8	AQXE	0.00%	0.00		

Volume Trend



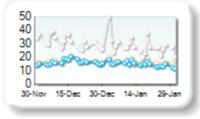
Market Share Trend



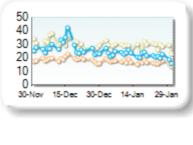
Spreads

t touch					
Rank	Venue	Spread (bps)	Change		
1	AQEU	14.99	-1.45		
2	XMAD	15.04	-1.26		
3	CEUX	16.38	-0.64		
4	TQEX	28.21	-3.04		
Ionthly Sproad Trand					

Monthly Spread Trend



25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	16.98	-1.79		
2	AQEU	22.23	-5.27		
3	CEUX	28.46	-2.16		
Monthly Spread Trend					



Current Period Comparison Period

Change

+8.2

+5.8

-1.1

-0.1

29-Jan

Change

+74.5

-0.6

+18.8

+8.5

-0 1

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

120

100

80

60

40

20

Rank

1

2

3

4

5

30-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

80.8

37.5

22.4

3.8

0.2

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,342.6

187.0

158.0

43.1

0.2

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

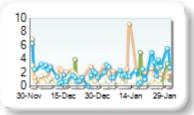
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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At	to	uc	h
	~~	~~~	

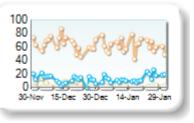
Rank	Venue	Best Price (%)	Change
1	XMAD	2.37	-0.76
2	AQEU	2.32	+0.05
3	CEUX	0.47	-0.55
4	BATE	0.39	+0.12
5	TQEX	0.09	-0.02
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	61.68	-2.80	
2	AQEU	13.57	+1.61	
3	CEUX	2.27	-2.46	
4	TQEX	0.05	+0.03	
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



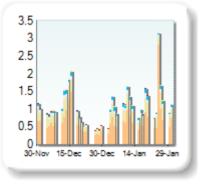
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INDITEX

Market Share

Rank	Venue	Market Share	Change
1	XMAD	59.78%	-1.79
2	CEUX	25.49%	+1.03
3	AQEU	7.12%	+0.88
4	TQEX	6.81%	-0.11
5	BATE	0.55%	0.00
6	CHIX	0.17%	-0.06
7	TRQX	0.05%	+0.03
8	AQXE	0.04%	+0.02

Volume Trend



Market Share Trend

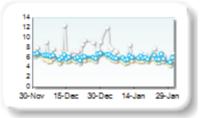
100 80 60 40 20 30-Nov 15-Dec 30-Dec 14-Jan 29-Jar

Spreads At touch Spread Rank Venue Change 1 CEUX 5.33 ~

2	XMAD	5.72	-0.50
3	AQEU	5.94	-0.24
4	TQEX	6.96	-0.74
5	BATE	258.41	-2.90
6	CHIX	485.44	-4.05
7	AQXE	494.03	-6.97

-0.25

Monthly Spread Trend







Current Period Comparison Period

Change

+132.6

+42.8

+21.1 +9.9

-0.8

+0.0

29-Ja

Change

+325.2

+68.6

+34.2

+74

-4.6

+0.0

-0.2

29-Jar

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

AQXE

Monthly Depth Trend

Rank

1

2

3

4

5

6

600

400

200

Rank

1

2

3

4

5

6

7

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

AQXE

CHIX

Monthly Depth Trend

3500 3000

2500

2000

1500

1000

500

30-Nov

10BPS Depth (top of book)

Depth (1K EUR)

474.4

163.5

143.5

42.3

1.1

0.1

15-Dec 30-Dec 14-Jan

50BPS Depth (deeper into book)

Depth (1K EUR)

2,676.6

570.7

413.6

132.0

9.4

0.2

0.2

15-Dec 30-Dec 14-Jan

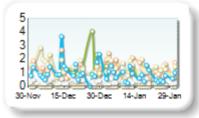
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At	to	uc

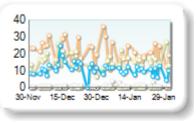
Rank	Venue	Best Price (%)	Change		
1	CEUX	1.32	-0.16		
2	XMAD	1.24	+0.12		
3	AQEU	0.78	-0.49		
4	BATE	0.33	-0.64		
5	TQEX	0.29	-0.05		
6	CHIX	0.00	0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	19.58	-3.09		
2	CEUX	15.88	+0.61		
3	AQEU	9.92	-1.98		
4	TQEX	1.37	+0.52		
5	BATE	0.02	-0.02		
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.

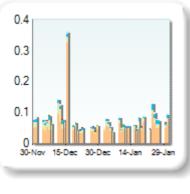
Spreads measure the bid to offer spread of the best visible orders in the book. The result is averaged over the stocks in the index and is based on measurements of the order books every 30 seconds. The value for the spread is quoted in basis points (0.01%).

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 auoted in '000s of EUR.

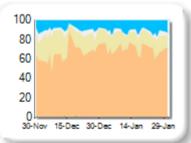
Cia de Distribucion Integral Logista Holdings SAU

Market Share					
	Rank	Venue	Market Share	Change	
	1	XMAD	69.52%	+0.94	
	2	CEUX	15.66%	-3.39	
	3	AQEU	11.48%	+3.53	
	4	TQEX	3.16%	-0.80	
	5	BATE	0.11%	-0.20	
	6	CHIX	0.07%	-0.07	
	7	TRQX	0.01%	0.00	
	Volumo Trond				

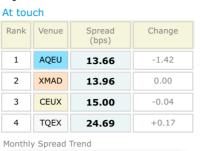
Volume Trend

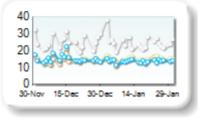


Market Share Trend

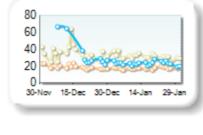


Spreads





25k EUR deal						
Rank	Venue	Spread (bps)	Change			
1	XMAD	17.44	-1.52			
2	AQEU	23.08	-43.85			
3	CEUX	31.12	-4.56			
Monthly	y Spread	Trend				



Current Period Comparison Period

Change

+9.2

+10.1

-1.1

-0.1

-0.1

29-Jac

Change

+101.2

+54.1

+20.8

+11.0

-0 1

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

100

80

60

40

20

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

AQEU

CEUX

TQEX

BATE

Monthly Depth Trend

1600

1400 1200

1000

600 400

200

0

10BPS Depth (top of book)

Depth (1K EUR)

64.3

31.2

18.0

5.1

1.3

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,250.3

141.7

135.5

44.6

2.2

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14- Jan

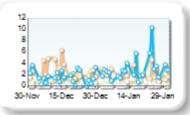
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At	to	uch	

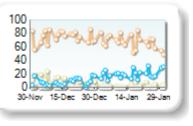
Rank	Venue	Best Price (%)	Change		
1	AQEU	3.04	+1.39		
2	XMAD	2.11	-1.14		
3	CEUX	0.61	-0.22		
4	TQEX	0.13	+0.04		
5	BATE	0.02	-0.24		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	67.16	-7.81		
2	AQEU	20.12	+11.87		
3	CEUX	2.87	-6.50		
4	TQEX	0.10	-0.57		
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



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Mapfre SA

Market Share Change Rank Venue Market Share 1 XMAD 70.34% -4.06 CEUX 2 15.33% +1.593 AQEU 10.20% +1.304 TQEX 3.78% +1.20 BATE +0.04

0.30%

0.04%

0.02%

-0.09

+0.02

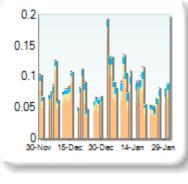
7 TROX

CHIX

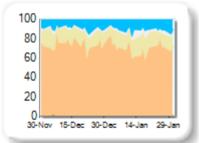
5

6

Volume Trend

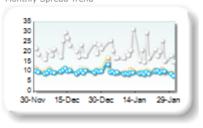


Market Share Trend



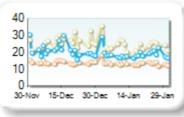
Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	AQEU	9.36	-0.43		
2	CEUX	9.67	-0.77		
3	XMAD	9.96	-0.24		
4	TQEX	21.53	+0.33		
5	BATE	137.03	-300.41		
6	AQXE	501.00	+0.00		
Monthly Spread Trend					



25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	13.35	-0.57		
2	AQEU	18.81	-2.29		
3	CEUX	23.72	-2.06		
4	TQEX	77.76	-30.21		

Monthly Spread Trend



Current Period Comparison Period

Change

+12.5

+2.3

+3.8

+0.3

+0.1

29. Jac

Change

-68.9

+13.0

+10.7

+1.0

+2 1

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

250 200

150

100

50

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

104.7

34.9

21.6

3.7

0.5

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,377.0

181.9

149.0

37.0

4.8

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

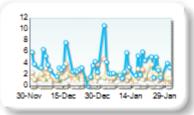
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

	to		C	r
7.00		u	~	

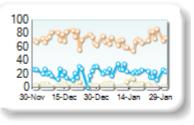
Rank	Venue	Best Price (%)	Change		
1	AQEU	3.64	+0.46		
2	CEUX	1.90	+0.13		
3	XMAD	1.53	-0.77		
4	BATE	0.21	-0.09		
5	TQEX	0.20	-0.13		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	69.69	-3.26		
2	AQEU	23.30	+2.15		
3	CEUX	4.17	+1.24		
4	TQEX	0.03	+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



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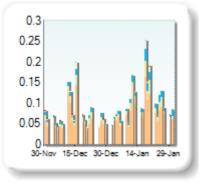
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is auoted in '000s of EUR.

MELIA HOTELS INTERNATIONAL SA

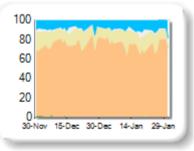
Market Share

Rank	Venue	Market Share	Change
1	XMAD	71.64%	-2.73
2	CEUX	14.91%	+0.69
3	AQEU	10.24%	+1.77
4	TQEX	2.88%	+0.63
5	BATE	0.19%	-0.28
6	AQXE	0.10%	+0.10
7	TRQX	0.02%	0.00
8	CHIX	0.02%	-0.17

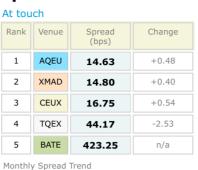
Volume Trend

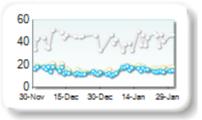


Market Share Trend



Spreads





25k EUR deal

Rank	Venue	Spread (bps)	Change	
1	XMAD	18.82	-0.01	
2	AQEU	27.24	-3.17	
3	CEUX	34.72	-1.02	
Monthly Spread Trend				



Current Period Comparison Period

Change

+3.2

+4.4

+1.7

+0.1

29- Jan

Change

+161.3

+6.4

+22.9

+4.2

+0.4

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

100

80

60 40

20

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

1400

1200

1000

800

600 400 200

ol

10BPS Depth (top of book)

Depth (1K EUR)

58.1

25.5

12.0

1.1

1.1

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,140.4

147.5

130.3

25.7

2.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

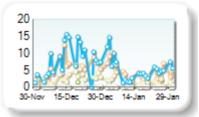
14- Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

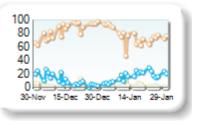
At touch					
Rank	Venue	Best Price (%)	Change		
1	AQEU	5.24	-3.20		
2	XMAD	4.47	-1.93		
3	CEUX	1.73	-0.60		
4	TQEX	0.16	+0.04		
5	BATE	0.07	+0.02		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	76.19	-8.56	
2	AQEU	16.74	+5.77	
3	CEUX	2.77	+0.57	
4	TQEX	0.03	+0.03	
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



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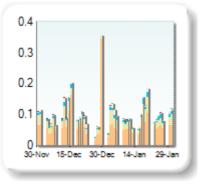
LiquidMetrix Battlemap for

Merlin Properties Socimi SA

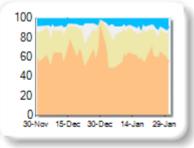
Market ShareRankVenueMarket
ShareChange1XMAD57,73%-10.91

-10.91 CEUX 2 27.61% +7.023 AQEU 8.12% +2.234 TQEX 6.26% +1.68 5 BATE 0.14% +0.07 6 TROX -0.09 0.11% 7 AQXE +0.030.03% CHIX -0.02 8 0.01%

Volume Trend

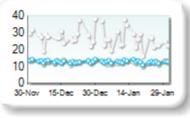


Market Share Trend



Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 12.16 -0.40 2 AOEU 12.70 -0.16 3 XMAD 12.76 -0.06 4 TQEX 25.67 -2.08 5 BATE 137.39 n/a

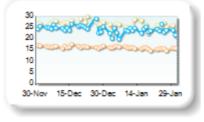
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	15.83	-0.66
2	AQEU	23.37	-1.60
3	CEUX	25.24	-1.86
4	TQEX	112.59	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+8.4

+1.4

+2.0

+0.6

+0.1

29- Jan

Change

+37.8

+14.2

+10.3

+5.9

+1.7

-0.6

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

100

80

60

40

20

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

1000

800

600

400 200

10BPS Depth (top of book)

Depth (1K EUR)

65.7

23.8

20.3

3.2

0.4

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

706.1

141.3

139.6

30.7

9.3

4.5

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

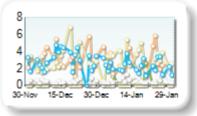
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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110		ucii	

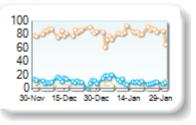
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.09	+0.32	
2	XMAD	2.68	-0.57	
3	AQEU	2.23	-1.41	
4	TQEX	0.54	+0.08	
5	BATE	0.17	-0.05	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	80.77	-1.89	
2	AQEU	11.00	+0.53	
3	CEUX	5.37	+0.57	
4	TQEX	0.01	-0.02	
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



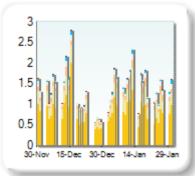
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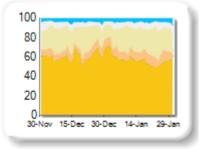
Market Share

Rank	Venue	Market Share	Change
1	ENXT	57.77%	-3.03
2	CEUX	23.03%	+0.56
3	XMAD	8.59%	+1.97
4	TQEX	6.54%	+0.38
5	AQEU	3.91%	+0.13
6	BATE	0.09%	+0.02
7	CHIX	0.04%	+0.02
8	TRQX	0.02%	-0.05
9	AQXE	0.01%	+0.01

Volume Trend



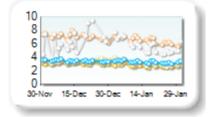
Market Share Trend



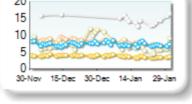
Spreads

At touch				
Rank	Venue	Spread (bps)	Change	
1	ENXT	2.73	-0.32	
2	CEUX	3.14	-0.24	
3	AQEU	3.31	-0.15	
4	TQEX	5.69	-2.78	
5	XMAD	6.49	-0.58	
6	BATE	154.01	-174.61	
7	CHIX	202.96	n/a	

Monthly Spread Trend







Current Period Comparison Period

Change

+104.5

+108.3

+30.5

+17.7

+20.1

+0.7

+0.2

29-Ja

Book Depths

Venue

ENXT

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

1000

800

600

400

200

0

30-Nov

Rank

1

2

3

4

5

6

7

10BPS Depth (top of book)

Depth (1K EUR)

681.7

431.7

145.9

142.1

47.7

0.8

0.3

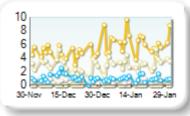
15-Dec 30-Dec 14-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

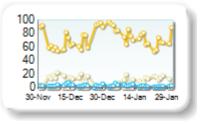
At touch					
Rank	Venue	Best Price (%)	Change		
1	ENXT	6.30	+1.05		
2	CEUX	3.19	+0.51		
3	AQEU	0.96	-0.12		
4	TQEX	0.68	-0.10		
5	BATE	0.06	-0.01		
6	CHIX	0.00	+0.00		
7	AQXE	0.00	+0.00		
8	TRQX	0.00	+0.00		





25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	ENXT	74.86	+3.07	
2	CEUX	10.04	-0.68	
3	AQEU	2.48	-0.60	
4	TQEX	0.28	+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



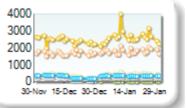
Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week. Spreads measure the bid to offer spread of the best visible orders in the 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.

50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	ENXT	2,608.2	+190.6
2	XMAD	1,792.6	+119.7
3	CEUX	446.1	+89.8
4	AQEU	350.5	+54.6
5	TQEX	241.5	+83.8
6	BATE	13.0	+7.3
7	CHIX	10.6	+6.9

Monthly Depth Trend



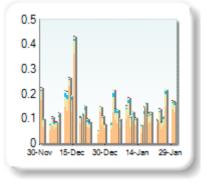
LiquidMetrix Battlemap for

Naturgy Energy Group SA

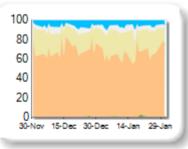
Market Share

Rank	Venue	Market Share	Change
1	XMAD	65.34%	-7.01
2	CEUX	22.63%	+4.56
3	AQEU	5.81%	+0.93
4	TQEX	5.45%	+1.22
5	BATE	0.50%	+0.14
6	CHIX	0.24%	+0.15
7	TRQX	0.03%	+0.02
8	AQXE	0.00%	0.00

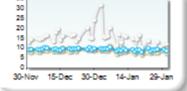
Volume Trend



Market Share Trend

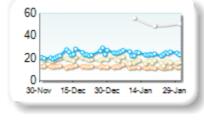






25k EUR deal				
Rank	Venue	Spread (bps)	Change	
1	XMAD	12.08	-0.60	
2	CEUX	17.49	-1.72	
3	AQEU	24.25	+0.63	
4	TQEX	57.86	n/a	

Monthly Spread Trend



Current Period Comparison Period

Change

+19.9

+5.1

-2.6

+1.4

+0.3

+0.0

Change

+20.8

+21.5

-4.9

+73

+0.6

-0.6

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

Rank

1

2

3

4

5

6

200

150

100

50

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2000 1500

1000

500

Δ

10BPS Depth (top of book)

Depth (1K EUR)

143.4

41.6

25.2

8.6

1.3

0.3

15-Dec 30-Dec 14-Jan 29-Ja

50BPS Depth (deeper into book)

Depth (1K EUR)

1,418.3

216.9

113.6

50.4

12.7

0.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

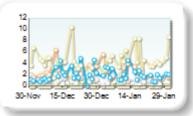
Best Prices

At

touch			
ank	Venue	Bes	

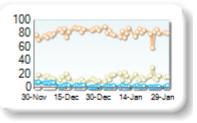
Rank	Venue	Best Price (%)	Change
1	CEUX	4.75	+0.12
2	XMAD	2.21	-0.49
3	AQEU	2.03	-0.13
4	TQEX	0.93	-0.29
5	BATE	0.10	-0.65
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	80.26	-1.51		
2	CEUX	15.92	+3.11		
3	AQEU	1.87	-2.01		
4	TQEX	0.00	-0.02		
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



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RED ELECTRICA CORPORACION SA RED ELECTRICA

Market Share				
Rank	Venue	Market Share	Change	
1	XMAD	67.37%	+0.41	

2 CEUX +0.0522.05% 3 AQEU 6.57% +0.434 TQEX 3.14% -0.47 5 BATE 0.65% -0.44 6 CHIX -0.03 0.15% 7 TRQX +0.020.04%

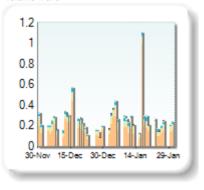
0.02%

+0.02

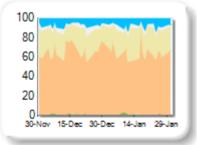
Volume Trend

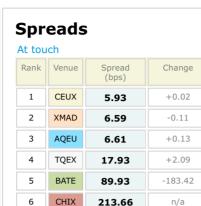
8

AQXE

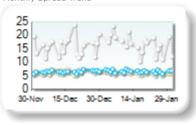


Market Share Trend





Monthly Spread Trend



25k E	UR deal			
Rank	Venue	Spread (bps)	Change	
1	XMAD	9.10	-0.32	
2	CEUX	12.82	-1.31	
3	AQEU	14.71	-0.96	
4	TQEX	59.99	-5.41	
5	BATE	159.56	-152.68	
6	CHIX	213.66	n/a	
Monthly Spread Trend				
20				
15				
10	10 000000000000000000000000000000000000			

5

0 - Nov

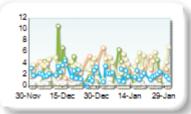
Current Period Comparison Period 01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

A	t	to	u	c

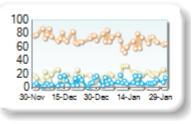
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.98	-0.06	
2	XMAD	2.82	+0.69	
3	AQEU	1.94	-0.41	
4	BATE	1.09	-1.90	
5	TQEX	0.40	-0.16	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	68.31	-5.81		
2	CEUX	20.05	+4.03		
3	AQEU	9.19	+1.60		
4	TQEX	0.08	-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



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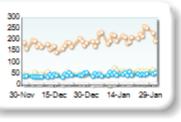
15-Dec 30-Dec 14-Jan 29-Jan

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

10BPS Depth (top of book)

Rank	Venue	Depth (1K EUR)	Change		
1	XMAD	211.5	+33.4		
2	CEUX	59.1	+9.2		
3	AQEU	48.9	+5.5		
4	TQEX	6.5	-0.2		
5	BATE	2.1	+0.0		
Monthly	y Depth T	rend			



50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	1,669.8	+242.6
2	CEUX	254.7	+23.7
3	AQEU	172.2	+7.1
4	CHIX	62.8	+1.7
5	TQEX	57.8	+2.7
6	BATE	13.7	+4.4

Monthly Depth Trend

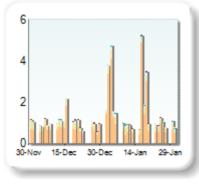


Repsol YPF SA

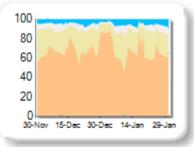
Market Share

Rank	Venue	Market Share	Change
1	XMAD	76.95%	+9.27
2	CEUX	15.03%	-7.12
3	TQEX	3.96%	-1.71
4	AQEU	3.72%	-0.33
5	BATE	0.26%	-0.07
6	CHIX	0.06%	-0.02
7	TRQX	0.00%	0.00
8	AQXE	0.00%	+0.00

Volume Trend

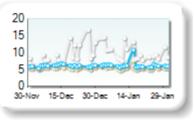


Market Share Trend



Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 5.44 +0.05 2 XMAD 5.66 -0.07 3 AQEU 6.17 +0.134 TQEX 9.88 +0.705 BATE 375.85 -22.36

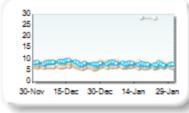
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	6.88	+0.03
2	AQEU	8.11	-0.49
3	CEUX	8.26	-0.05
4	TQEX	40.40	+0.13
5	BATE	446.76	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+59.0

+8.0

+20.0

0.0

+0.3

29-Jan

Change

+35.2

-2.2

+15.1

-0.1

+1.9

+0.3

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

600

400

200

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

5000

4000

3000

2000

1000

0

10BPS Depth (top of book)

Depth (1K EUR)

431.8

114.8

113.4

21.5

1.1

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,826.2

426.8

321.4

95.9

8.0

5.8

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

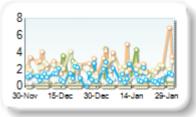
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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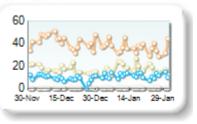
/			
Rank	Venue	Best Price (%)	Change
1	XMAD	2.58	+0.22
2	CEUX	2.24	-0.29
3	AQEU	1.16	-0.13
4	TQEX	0.83	+0.04
5	BATE	0.64	+0.46
6	CHIX	0.00	-0.01
7	TRQX	0.00	+0.00
8	AQXE	0.00	0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	36.38	-4.92		
2	CEUX	17.22	+0.59		
3	AQEU	11.47	+2.27		
4	TQEX	0.81	+0.37		
5	BATE	0.01	-0.01		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



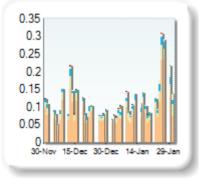
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LABORAT FARMA ROVI

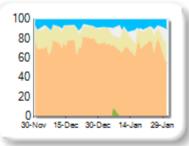
Market Share

Rank	Venue	Market Share	Change
1	XMAD	70.19%	-3.56
2	CEUX	15.26%	-1.40
3	AQEU	8.42%	+1.04
4	TQEX	5.58%	+3.65
5	BATE	0.49%	+0.35
6	CHIX	0.06%	-0.07
7	AQXE	0.00%	+0.00
8	TRQX	0.00%	0.00

Volume Trend



Market Share Trend



Spreads

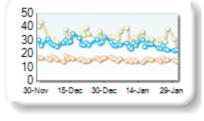
At touch					
Rank	Venue	Spread (bps)	Change		
1	AQEU	12.19	-1.12		
2	XMAD	12.37	-0.86		
3	CEUX	13.28	-0.75		
4	TQEX	38.90	-9.05		

Monthly Spread Trend



25k EUR deal						
Rank	Venue	Spread (bps)	Change			
1	XMAD	15.49	-0.85			
2	AQEU	25.92	-2.85			
3	CEUX	31.09	-2.41			
4	TQEX	79.65	n/a			

Monthly Spread Trend



Current Period Comparison Period

Change

+8.7

+2.2

+1.5

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

Monthly Depth Trend

140 120 100

80 60

40 20

•

Rank

1

2

3

4

5

6

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2000

1500

1000

500

0

Rank

1

2

3

4

10BPS Depth (top of book)

Depth (1K EUR)

71.6

20.0

14.6

1.3

15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K

EUR)

1,360.3

142.4

119.1

32.0

10.4

6.9

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

14-Jan

29-Jan

Change

+73.9

+15.7

+9.9

+7.1

-0.6

+0.3

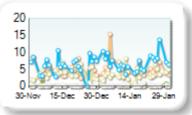
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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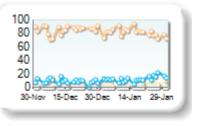
/			
Rank	Venue	Best Price (%)	Change
1	AQEU	6.94	+1.08
2	XMAD	5.25	+2.31
3	CEUX	3.72	-0.69
4	TQEX	0.24	+0.10
5	BATE	0.03	-0.04
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	80.88	-3.92		
2	AQEU	12.59	+3.36		
3	CEUX	5.25	+1.00		
4	TQEX	0.00	+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



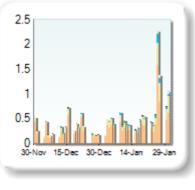
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Banco de Sabadell SA

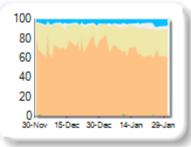
Market Share

Rank	Venue	Market Share	Change
1	XMAD	65.42%	-9.16
2	CEUX	25.06%	+5.70
3	AQEU	5.38%	+1.72
4	TQEX	3.42%	+1.32
5	BATE	0.44%	+0.24
6	CHIX	0.26%	+0.16
7	TRQX	0.02%	+0.01
8	AQXE	0.00%	+0.00

Volume Trend

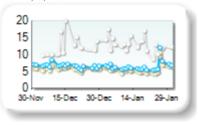


Market Share Trend



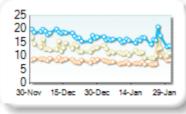
Spreads

Rank	Venue	Spread (bps)	Change
1	CEUX	5.59	-0.20
2	XMAD	5.71	-0.26
3	AQEU	6.39	-0.23
4	TQEX	13.79	-5.66
5	CHIX	203.94	n/a
6	BATE	261.56	n/a



25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	7.85	-0.61		
2	CEUX	11.47	-1.83		
3	AQEU	15.92	-2.06		
4	TQEX	57.72	-0.13		

Monthly Spread Trend



Current Period Comparison Period

Change

+65.1

+12.0

+6.4

+3.2

0.0

29- Jac

Change

+278.4

+13.5

-3.2

+9.5

+1.1

+1.2

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

500 400

300

200

100

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2500

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

306.4

74.8

41.2

10.0

0.7

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

2,029.1

265.3

162.6

63.5

10.9

4.3

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

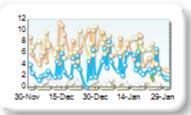
50BPS Depth (deeper into book)

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

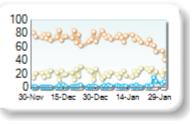
At touch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	6.21	-1.36	
2	CEUX	6.13	-1.19	
3	AQEU	4.04	+0.66	
4	TQEX	0.63	-0.23	
5	BATE	0.24	+0.26	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	69.30	-5.19		
2	CEUX	21.34	+0.68		
3	AQEU	3.45	+1.85		
4	TQEX	0.18	+0.15		
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



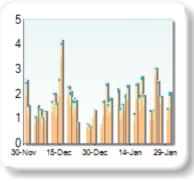
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Banco Santander SA

Market Share

Rank	Venue	Market Share	Change
1	XMAD	70.76%	-1.34
2	CEUX	21.91%	+1.42
3	AQEU	4.12%	+0.66
4	TQEX	2.77%	-0.83
5	BATE	0.25%	0.00
6	CHIX	0.15%	+0.08
7	TRQX	0.03%	+0.00
8	AQXE	0.00%	+0.00

Volume Trend



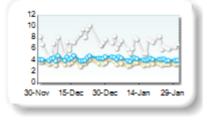
Market Share Trend

100 80 60 40 20 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

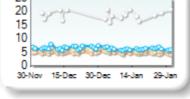
Spreads

At touch				
Rank	Venue	Spread (bps)	Change	
1	CEUX	3.49	-0.16	
2	XMAD	3.73	-0.15	
3	AQEU	4.24	-0.10	
4	TQEX	6.75	-0.87	
5	BATE	344.33	+4.13	
6	CHIX	466.28	-32.74	
7	AQXE	500.50	-0.50	
8	TRQX	500.99	-0.01	

Monthly Spread Trend



Rank	Venue	Spread (bps)	Change
1	XMAD	4.74	-0.20
2	CEUX	5.70	-0.48
3	AQEU	6.25	-0.43
4	TQEX	23.28	-7.33
5	BATE	339.07	-2.45
6	CHIX	436.37	n/a
Ionthl	y Spread	Trend	



Current Period Comparison Period

Change

+130.4

+28.7

+25.3

+3.2

+0.2

+0.0

+0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

AQXE

CHIX

Monthly Depth Trend

1000 800

600

400

200

Rank

1

2

3

4

5

6

7

10BPS Depth (top of book)

Depth (1K EUR)

737.6

190.8

161.1

26.7

0.7

0.0

0.0

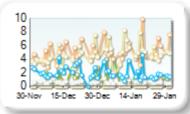
30-Nov 15-Dec 30-Dec 14-Jan 29-Ja

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

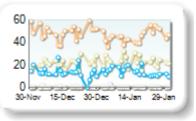
At touch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	5.28	+0.92	
2	CEUX	5.18	+1.25	
3	AQEU	1.82	-0.62	
4	TQEX	0.63	+0.01	
5	BATE	0.60	-0.58	
6	CHIX	0.01	+0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	45.22	-3.77	
2	CEUX	23.10	+1.62	
3	AQEU	14.07	+0.48	
4	TQEX	0.65	+0.07	
5	BATE	0.04	+0.01	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



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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. 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.

50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	2,892.4	+200.6
2	CEUX	639.3	+56.8
3	AQEU	490.6	+56.3
4	TQEX	192.5	+28.5
5	BATE	8.3	+2.7
6	CHIX	4.3	+0.1
7	AQXE	0.0	0.0

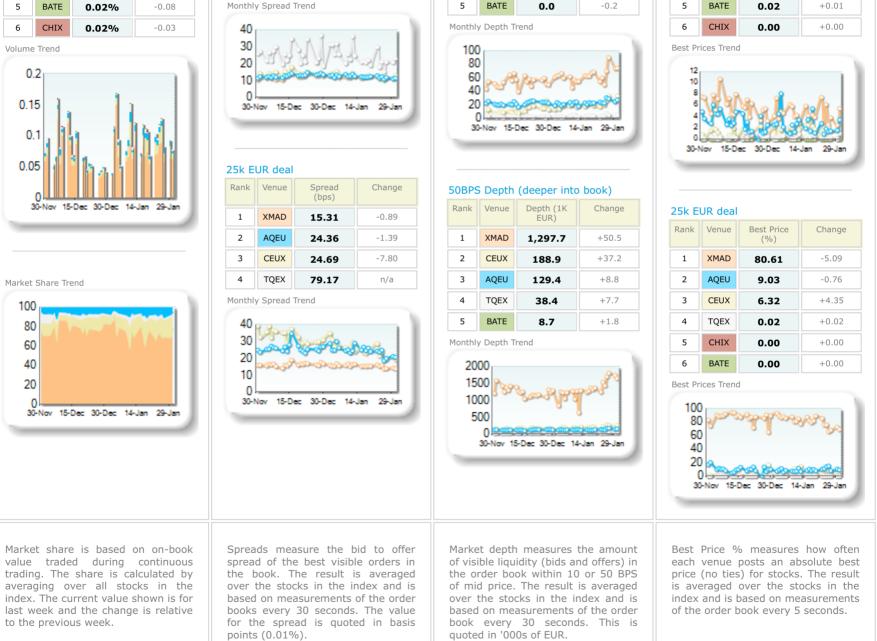
Monthly Depth Trend



LiquidMetrix Battlemap for

Sacyr Vallehermoso SA

Mar	ket	Share		Spr	eads	5
				At tou	ch	
Rank	Venue	Market Share	Change	Rank	Venue	
1	XMAD	71.85%	-5.88	1	XMAD	
2	CEUX	16.22%	+5.35	2	AQEU	
3	AQEU	7.50%	+0.91	3	CEUX	
4	TQEX	4.38%	-0.27	4	TQEX	
5	BATE	0.02%	-0.08	Monthly	/ Spread	Tre
6	CHIX	0.02%	-0.03	40		
Volume	e Trend			30	l	N
	2			20	A B	
U.	.2			10	90050	1
0.1	5 1	1.		0	lov 15-D	
0.1	ĭ li			301	NOV 10-D	-
0.	1, 1	a 11				
		U. 11				
0.0	E	11. 1				



Current Period Comparison Period

Change

+9.4

+0.8

+8.1

+1.0

-0.2

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

Rank

1

2

3

4

Change

-0.31

-0.59

-1.38

-1.45

Spread

(bps)

11.82

12.20

12.59

23.79

end

10BPS Depth (top of book)

Depth (1K EUR)

62.5

22.8

20.5

3.5

01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

Rank Venue

At touch

1	XMAD	4.50	-1.02			
2	AQEU	2.63	-0.79			
3	CEUX	1.54	+0.84			
4	TQEX	0.44	+0.21			
5	BATE	0.02	+0.01			
6	CHIX	0.00	+0.00			
Best Pr	Best Prices Trend					

Best Price

(%)

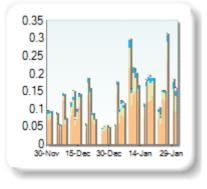
Change

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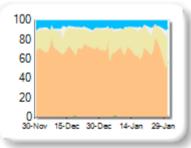
Market Share

Rank	Venue	Market Share	Change
1	XMAD	67.49%	-3.14
2	CEUX	22.78%	+3.57
3	AQEU	6.83%	-0.07
4	TQEX	2.52%	-0.52
5	BATE	0.32%	+0.17
6	CHIX	0.05%	-0.02
7	AQXE	0.01%	+0.00
8	TRQX	0.00%	+0.00

Volume Trend

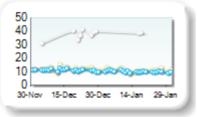


Market Share Trend



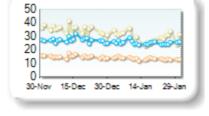
Spreads

At tou	ich		
Rank	Venue	Spread (bps)	Change
1	AQEU	10.26	-1.07
2	XMAD	10.41	-0.99
3	CEUX	11.27	-0.98
4	TQEX	50.95	+6.16
5	BATE	145.23	n/a
Monthly Spread Trend			



25k EUR deal

Rank	Venue	Spread (bps)	Change			
1	XMAD	13.51	-1.44			
2	AQEU	25.15	-1.97			
3	CEUX	29.06	-5.50			
Ionthly Spread Trend						



Current Period Comparison Period

Change

+26.6

+2.2

+5.5

+0.2

+0.0

29- Jan

Change

+186.1

+15.0

+5.6

+4.4

+2.6

Book Depths

Venue

XMAD

AOEU

CEUX

BATE

TQEX

Monthly Depth Trend

Rank

1

2

3

4

5

200

150

100

50

Rank

1

2

3

4

5

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

108.4

21.6

17.4

0.7

0.7

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

1,323.6

153.9

125.2

23.6

7.3

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

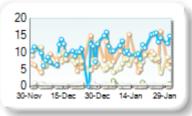
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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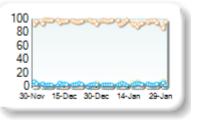
ALLOUCH				
Rank	Venue	Best Price (%)	Change	
1	AQEU	12.23	+0.64	
2	XMAD	9.20	+2.64	
3	CEUX	7.05	+0.01	
4	TQEX	0.34	-0.09	
5	BATE	0.20	+0.05	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	94.53	-1.47	
2	AQEU	2.75	-0.08	
3	CEUX	2.59	+1.62	
4	TQEX	0.00	+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



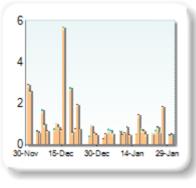
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Telefonica SA

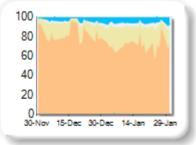
Market Share

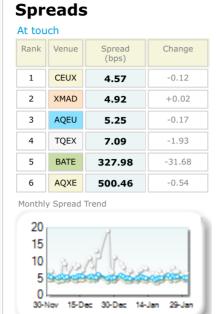
Rank	Venue	Market Share	Change
1	XMAD	73.65%	-14.19
2	CEUX	17.36%	+9.11
3	AQEU	5.02%	+2.75
4	TQEX	3.37%	+1.97
5	BATE	0.36%	+0.18
6	CHIX	0.21%	+0.16
7	TRQX	0.02%	+0.02
8	AQXE	0.00%	+0.00

Volume Trend



Market Share Trend





Rank	Venue	Spread (bps)	Change
1	XMAD	6.48	+0.04
2	CEUX	8.15	-0.45
3	AQEU	8.43	-0.32
4	TQEX	20.73	-12.55
5	BATE	286.69	-133.91
Monthl	y Spread	Trend	
25 20	3	32.8	الدهير.

20 15 10 5 0 30-Nov 15-Dec 30-Dec 14-Jan 29-Jan Current Period Comparison Period

Change

+26.4

+18.1

+4.1

-0.2

29- Jan

Change

-73.4

+109.6

+111.9

+106.8

+1.0

+1.4

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

800 600

400

200

Rank

1

2

3

4

5

6

0

30-Nov

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

3500 3000

2500 2000

1500

500

n |

10BPS Depth (top of book)

Depth (1K EUR)

468.5

109.9

98.7

25.2

0.4

15-Dec 30-Dec 14-Jan

Depth (1K EUR)

2,775.8

554.6

447.2

246.5

5.1

5.0

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

50BPS Depth (deeper into book)

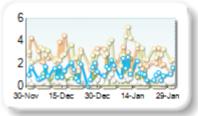
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

At	to	uc

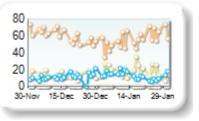
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.05	+0.84	
2	XMAD	2.11	-0.84	
3	AQEU	1.35	+0.13	
4	BATE	0.61	-0.12	
5	TQEX	0.59	+0.35	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	55.53	-5.01	
2	CEUX	18.62	+4.97	
3	AQEU	12.89	+1.44	
4	TQEX	0.52	+0.14	
5	BATE	0.01	-0.01	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



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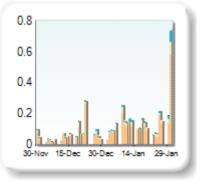
LiquidMetrix Battlemap for

UNICAJA BANCO. S.A.

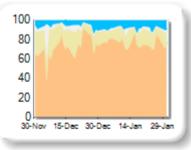
Market Share

Rank	Venue	Market Share	Change
1	XMAD	76.56%	+2.22
2	CEUX	12.80%	-3.22
3	AQEU	8.03%	+3.00
4	TQEX	2.50%	-2.03
5	BATE	0.09%	+0.02
6	TRQX	0.01%	+0.01
7	CHIX	0.01%	-0.01
8	AQXE	0.00%	+0.00

Volume Trend

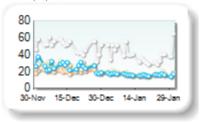


Market Share Trend



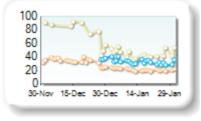
Spreads

At tou	ch		
Rank	Venue	Spread (bps)	Change
1	XMAD	15.78	-4.05
2	AQEU	16.06	-9.42
3	CEUX	17.43	-7.94
4	TQEX	39.71	-9.30
5	BATE	195.50	n/a
Monthl	y Spread	Trend	



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	21.18	-11.99
2	AQEU	32.63	-4.12
3	CEUX	42.72	-48.08
Ionthly	Spread	Trend	



Current Period Comparison Period

Change

+40.8

+14.9

+7.8

+1.1

+0.0

29. Jac

Change

+654.4

+69.1

+75.5

+16.3

+0.0

+0.0

14-Jan

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

200

150

100

50

Rank

1

2

3

4

5

6

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2000

1500

1000

500 0

0

30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

1,130.4

109.7

106.0

28.1

0.6

0.3

30-Nov 15-Dec 30-Dec 14-Jan 29-Jan

10BPS Depth (top of book)

Depth (1K EUR)

57.5

20.3

12.1

1.6

0.1

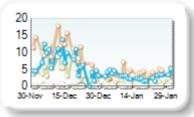
01-Jan-2023 to 31-Jan-2023 01-Dec-2022 to 31-Dec-2022

Best Prices

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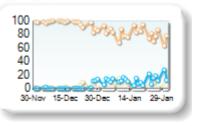
Actouch						
Rank	Venue	Best Price (%)	Change			
1	XMAD	3.74	-6.31			
2	AQEU	3.05	-4.46			
3	CEUX	1.20	-3.62			
4	BATE	0.20	-0.07			
5	TQEX	0.19	-0.28			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			

Best Prices Trend



25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	81.20	-14.82			
2	AQEU	12.44	+10.47			
3	CEUX	3.67	+1.96			
4	TQEX	0.05	+0.04			
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



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