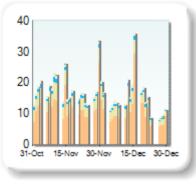
ES-35

Market Share Change Rank Venue Market Share 1 XMAD 70.06% +3.44CEUX 2 20.28% -2.59 3 AQEU 4.73%

-0.50 4 TQEX 4.39% -0.50 5 BATE 0.40% +0.15 6 CHIX -0.01 0.12% 7 TRQX +0.000.02% AQXE 0 00 8 0.01%

Volume Trend



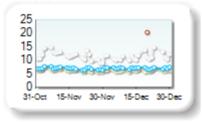
Market Share Trend

100 80 60 40 20 0. 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

SpreadsAt touchRankVenueSpread
(bps)Change
Change1CEUX6.10-0.142XMAD6.46+0.003AQEU7.04+0.09

2	XMAD	6.46	+0.00
3	AQEU	7.04	+0.09
4	TQEX	11.27	-0.37
5	BATE	263.06	-115.69
6	CHIX	299.60	-129.04
7	AQXE	499.63	+3.17

Monthly Spread Trend



25k EUR deal Rank Venue Change Spread (bps) 1 XMAD 8.13 -0.27 2 CEUX 10.87 -0.66 3 AQEU 12.21 +0.17TQEX 4 36.96 -3.87 5 BATE 288.77 -68.41 6 CHIX 336.79 -83.06 Monthly Spread Trend 40 30 20 10 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Current Period Comparison Period 01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Price

(%)

3.65

3.31

Change

+0.00

-0.18

-0.60

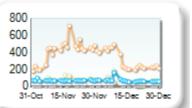
+0.04

Book Depths

10BPS Depth (top of book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	299.1	-109.2
2	CEUX	72.8	-5.6
3	AQEU	66.5	-0.4
4	TQEX	16.8	-0.9
5	TRQX	4.0	-0.5
6	BATE	4.0	+3.2
7	CHIX	1.4	+0.1
8	AQXE	0.2	0.0

Monthly Depth Trend



3 AQEU 3.23 4 TQEX 0.49

Best Prices

Venue

XMAD

CEUX

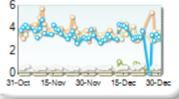
At touch

Rank

1

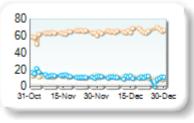
2

5	BATE	0.37	+0.24
6	TRQX	0.01	-0.01
7	CHIX	0.00	-0.01
8	AQXE	0.00	+0.00
Best Pr	ices Trend	d	
6			
		8	. 8



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	65.51	+2.72	
2	CEUX	11.25	-1.03	
3	AQEU	10.49	-2.59	
4	TQEX	0.24	-0.03	
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

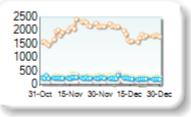


Market share is based on on-book value traded during continuous trading. The share is calculated by averaging over all stocks in the index. The current value shown is for last week and the change is relative to the previous week. Spreads measure the bid to offer spread of the best visible orders in the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

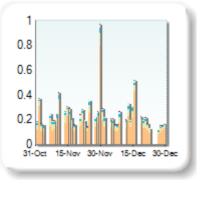
Rank	Venue	Depth (1K EUR)	Change
1	XMAD	1,884.9	-110.0
2	CEUX	297.9	-16.6
3	AQEU	224.2	-20.7
4	TQEX	75.0	-2.9
5	BATE	16.1	+11.8
6	CHIX	12.8	+6.8
7	TRQX	4.0	-1.4
8	AQXE	0.2	0.0

Monthly Depth Trend

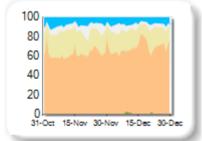


ACS Actividades de Construccion y Servicios SA

Market Share						
Rank	Venue	Market Share	Change			
1	XMAD	68.26%	+1.60			
2	CEUX	18.87%	-1.72			
3	AQEU	6.45%	-0.16			
4	TQEX	5.47%	-0.50			
5	BATE	0.66%	+0.57			
6	CHIX	0.28%	+0.21			
7	AQXE	0.00%	0.00			
Volume	Volume Trend					

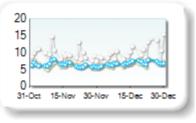


Market Share Trend



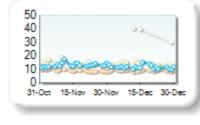
Spreads

At touch				
Rank	Venue	Spread (bps)	Change	
1	CEUX	6.39	+0.42	
2	AQEU	6.74	+0.38	
3	XMAD	6.98	+0.46	
4	TQEX	10.04	+0.50	
5	BATE	212.22	n/a	
Monthly Spread Trend				



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	9.17	-0.22
2	AQEU	11.75	-1.47
3	CEUX	13.57	-0.78
4	TQEX	49.04	-24.09
5	BATE	248.31	n/a
1onthl	y Spread	Trend	



Current Period Comparison Period

Change

-5.2

+8.4

+0.9

+0.6

+2.8

15-Dec 30-Dec

Change

+100.7

+9.6

+15.6

+4.2

+7.6

-1.0

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

300 250

200 150

100

50

0

Rank

1

2

3

4

5

6

31-Oct

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)

202.8

67.3

53.9

19.8

6.5

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,815.6

231.6

184.4

64.7

16.6

2.3

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

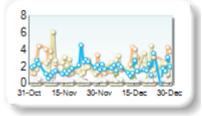
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

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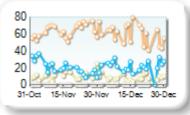
Rank	Venue	Best Price (%)	Change	
1	XMAD	2.24	+0.55	
2	CEUX	2.24	+0.19	
3	AQEU	1.79	-0.49	
4	TQEX	0.38	+0.13	
5	BATE	0.27	+0.23	
6	CHIX	0.00	-0.01	
7	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	59.70	-3.52	
2	AQEU	21.38	+0.74	
3	CEUX	8.22	-3.36	
4	TQEX	0.25	+0.03	
5	BATE	0.02	+0.02	
6	CHIX	0.00	+0.00	
7	AQXE	0.00	+0.00	





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

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

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

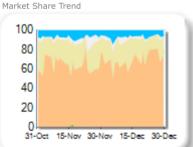
Acerinox SA

0.05

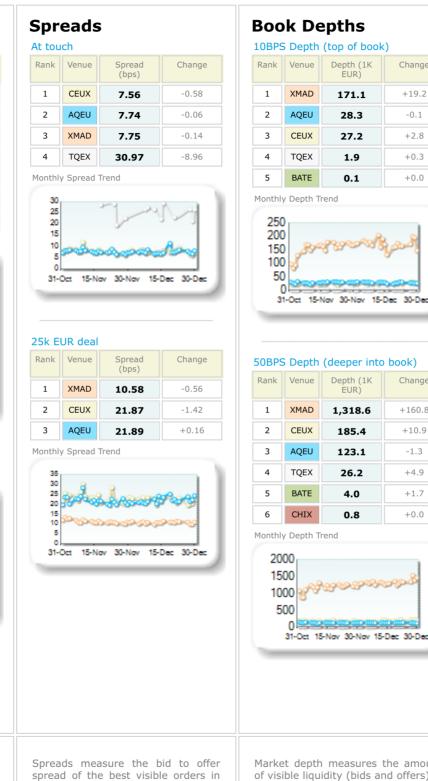
0

31-Oct

Market Share						
Rank	Venue	Market Share	Change			
1	XMAD	69.05%	+3.89			
2	CEUX	21.19%	-2.71			
3	AQEU	6.39%	-0.17			
4	TQEX	3.00%	-0.99			
5	BATE	0.21%	-0.08			
6	CHIX	0.15%	+0.05			
7	TRQX	0.01%	+0.01			
Volume Trend						
0.1	5	1.a. i	11			



15-Nov 30-Nov 15-Dec 30-Dec



Current Period Comparison Period

Change

+19.2

-0.1

+2.8 +0.3

+0.0

Change

+160.8

+10.9

-1.3

+4.9

+17

+0.0

Depth (1K EUR)

171.1

28.3

27.2

1.9

0.1

Depth (1K EUR)

1,318.6

185.4

123.1

26.2

4.0

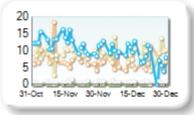
0.8

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

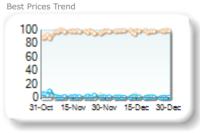
Best Prices

At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	9.02	-0.28	
2	AQEU	8.81	-4.15	
3	XMAD	6.12	-1.08	
4	TQEX	0.66	+0.06	
5	BATE	0.02	+0.02	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	





25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	97.96	+1.99	
2	CEUX	0.99	-0.61	
3	AQEU	0.95	-1.42	
4	TQEX	0.00	0.00	
5	CHIX	0.00	+0.00	
6	TRQX	0.00	+0.00	
7	BATE	0.00	+0.00	



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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%).

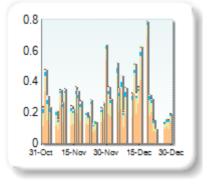
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Aena SA

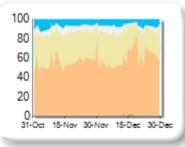
Market Share

Rank	Venue	Market Share	Change
1	XMAD	60.85%	+1.48
2	CEUX	27.18%	-0.78
3	AQEU	5.57%	-0.76
4	TQEX	5.53%	-0.44
5	BATE	0.63%	+0.41
6	CHIX	0.23%	+0.08
7	TRQX	0.01%	+0.01
8	AQXE	0.00%	0.00

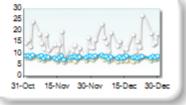
Volume Trend



Market Share Trend



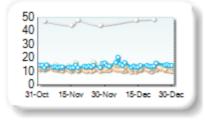




25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	10.84	-0.30
2	CEUX	13.45	-0.36
3	AQEU	14.75	+0.97
4	TQEX	59.08	-5.24

Monthly Spread Trend



Current Period Comparison Period

Change

+23.6

+5.9

-1.0

-0.1

+0.1

15-Dec 30-Dec

Change

+94.5

+13.9

-13.2

+4.9

+3.0

-0.2

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

6

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

175.5

60.8

54.9

10.4

0.4

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,542.4

264.7

195.6

70.1

4.6

0.9

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

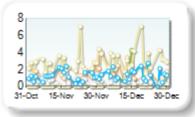
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

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	ιu	uc	

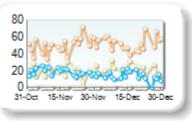
Rank	Venue	Best Price (%)	Change
1	CEUX	3.19	+0.87
2	XMAD	1.57	+0.24
3	AQEU	1.30	+0.09
4	BATE	0.72	+0.18
5	TQEX	0.49	-0.19
6	CHIX	0.00	0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	51.85	+1.88		
2	CEUX	21.29	+1.87		
3	AQEU	13.83	-5.05		
4	TQEX	0.37	-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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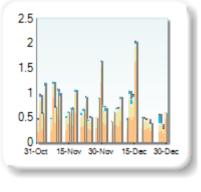
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Amadeus IT Holding SA

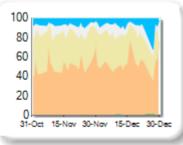
Market Share

Rank	Venue	Market Share	Change
1	XMAD	54.70%	+0.73
2	CEUX	29.10%	-1.96
3	TQEX	8.25%	-0.43
4	AQEU	7.09%	+1.23
5	BATE	0.50%	+0.24
6	CHIX	0.21%	+0.09
7	TRQX	0.10%	+0.07
8	AQXE	0.04%	+0.03

Volume Trend

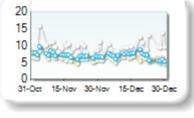


Market Share Trend



Spreads

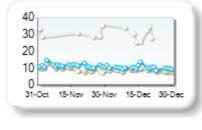
Rank	Venue	Spread (bps)	Change
1	CEUX	5.83	-0.33
2	XMAD	6.81	-0.31
3	AQEU	6.91	-0.33
4	TQEX	9.56	-0.04
5	BATE	210.85	n/a



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	8.70	-0.88
2	CEUX	9.33	-0.87
3	AQEU	10.30	-1.14
4	TQEX	39.41	-5.84

Monthly Spread Trend



Current Period Comparison Period

Change

+44.5

+3.5

+0.9

+0.5

0.0

15-Dec 30-De

Change

+262.8

+0.4

+15.7

+1.6

+10.2

+0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

350

300

250

200 150

50

Rank

1

2

3

4

5

6

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000

500

Δ

Rank

1

2

3

4

5

6

10BPS Depth (top of book)

Depth (1K EUR)

277.7

101.0

86.7

24.3

0.9

0.0

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,871.0

367.0

285.3

92.3

12.9

1.3

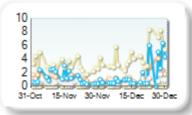
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

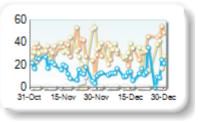
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	4.38	+1.65	
2	AQEU	1.65	+0.73	
3	XMAD	1.32	+0.42	
4	TQEX	0.59	+0.36	
5	BATE	0.07	+0.07	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	34.49	+1.92	
2	CEUX	31.20	-1.55	
3	AQEU	13.67	-2.77	
4	TQEX	0.60	-0.89	
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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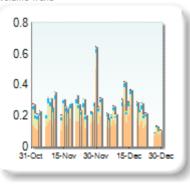
Acciona SA

Market Share Change Rank Venue Market Share 1 XMAD 63.51% +5.61CEUX 2 25.10% -3.05 3 AQEU 6.52% -1.12 4 TQEX 4.00% -2.10 5 BATE 0.73% +0.64

Volume Trend

CHIX

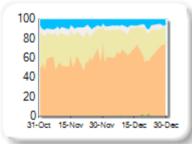
6



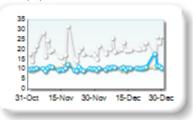
0.13%

+0.04

Market Share Trend



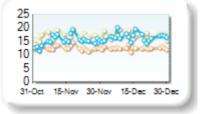
Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 10.22 +0.27 2 XMAD 10.60 +0.32 +0.75 3 AQEU 10.83 4 TQEX 21.11 +2.215 BATE 116.42 n/a Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	12.43	-0.12
2	AQEU	16.54	+1.26
3	CEUX	17.02	+0.50
4	TQEX	98.01	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+16.8

-3.3

-1.5

-1.8

+0.5

15-Dec 30-Dec

Change

+204.5

-0.5

-12.1

+3.4

+6.9

-1.1

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

160 140 120

100

80

60 40

20

Rank

1

2

3

4

5

6

-

31-0-+

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000 500 0

10BPS Depth (top of book)

Depth (1K EUR)

115.9

45.4

43.1

6.4

1.0

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,886.3

235.8

197.1

45.1

9.7

9.3

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

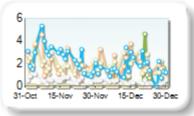
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

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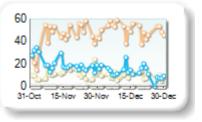
Rank	Venue	Best Price (%)	Change	
1	CEUX	1.80	+0.09	
2	XMAD	1.79	+0.54	
3	AQEU	1.65	-0.72	
4	BATE	0.54	+0.27	
5	TQEX	0.36	-0.11	
6	CHIX	0.00	-0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	49.67	+6.11	
2	AQEU	12.91	-7.29	
3	CEUX	9.95	-1.63	
4	TQEX	0.23	-0.03	
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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CORP ACCIONA ENERGIAS RENOVABLES SA

Spreads

Venue

XMAD

CEUX

Spread

(bps)

11.67

11.96

Change

-0.31

-0.17

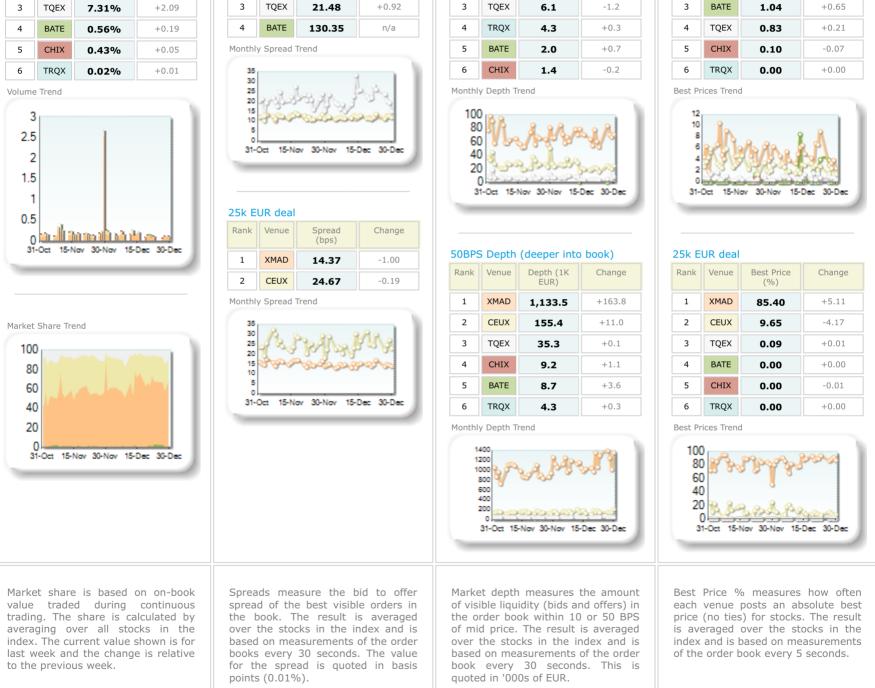
At touch

Rank

1

2

Market Share				
Rank	Venue	Market Share	Change	
1	XMAD	62.59%	-7.76	
2	CEUX	29.09%	+5.42	
3	TQEX	7.31%	+2.09	
4	BATE	0.56%	+0.19	
5	CHIX	0.43%	+0.05	
6	TRQX	0.02%	+0.01	



Current Period Comparison Period

Change

0.0

-4.8

Book Depths

Venue

XMAD

CEUX

Rank

1

2

10BPS Depth (top of book)

Depth (1K EUR)

68.5

23.5

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Price

(%)

4.76

2.39

Change

-0.99

-1.01

Best Prices

Venue

XMAD

CEUX

At touch

Rank

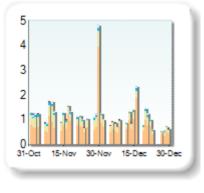
1

2

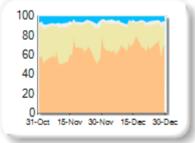
Banco Bilbao Vizcaya Argentaria SA

Market Share				
Rank	Venue	Market Share	Change	
1	XMAD	68.48%	+5.06	
2	CEUX	23.57%	-3.66	
3	AQEU	4.52%	-0.84	
4	TQEX	2.98%	-0.67	
5	BATE	0.35%	+0.15	
6	CHIX	0.09%	-0.03	
7	TRQX	0.01%	-0.02	
8	AQXE	0.00%	0.00	

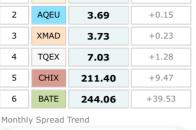
Volume Trend



Market Share Trend

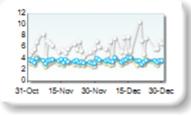


SpreadsAt touchRankVenueSpread (bps)1CEUX3.312AQEU3.693XMAD3.73



Change

+0.20



25k EUR deal				
Rank	Venue	Spread (bps)	Change	
1	XMAD	5.08	+0.11	
2	CEUX	5.68	+0.58	
3	AQEU	6.18	+0.34	
4	TQEX	30.33	+8.75	
5	CHIX	213.30	+11.11	
6	BATE	350.93	+146.17	
Monthly	y Spread	Trend		
25 20 15 10 5 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec				

Current Period Comparison Period

Change

+52.4

-11.6

-2.3

+0.6

Change

+80.6

-39.3

-55.7

-25.8

+17.4

+12.1

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

1000 800

600

400

200

Rank

1

2

3

4

5

6

0 31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

3500 3000

2500 2000

1500

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

591.8

167.9

129.0

23.8

1.1

15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,513.7

534.6

365.3

117.3

24.9

23.8

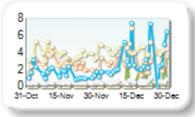
31-Oct. 15-Nov. 30-Nov. 15-Dec. 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

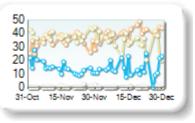
At touch			
Rank	Venue	Best Price (%)	Change
1	CEUX	4.40	+1.70
2	AQEU	2.95	+1.24
3	XMAD	2.83	+0.47
4	BATE	0.57	+0.57
5	TQEX	0.48	+0.13
6	CHIX	0.00	0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	40.76	+6.56	
2	CEUX	33.24	-4.87	
3	AQEU	14.14	-0.42	
4	TQEX	0.61	-0.01	
5	BATE	0.04	+0.04	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



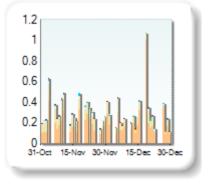
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Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is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

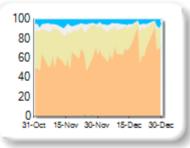
Bankinter SA

Market Share				
Rank	Venue	Market Share	Change	
1	XMAD	72.51%	+13.61	
2	CEUX	19.94%	-9.84	
3	AQEU	3.79%	-1.25	
4	TQEX	3.56%	-2.40	
5	BATE	0.12%	-0.09	
6	CHIX	0.08%	-0.03	
7	TRQX	0.01%	-0.01	
8	AQXE	0.00%	+0.00	

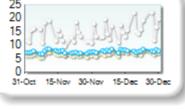
Volume Trend



Market Share Trend

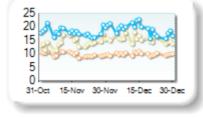






ZJK LUK UEdi				
Rank	Venue	Spread (bps)	Change	
1	XMAD	9.89	+0.09	
2	CEUX	15.43	+1.28	
3	AQEU	19.05	+1.04	
4	TQEX	76.30	+2.97	
Manthly Caread Trand				

Monthly Spread Trend



Current Period Comparison Period

Change

+10.6

-4.9

-0.6

-1.5

+0.0

+0.0

Change

+106.0

-12.6

-1.3

+27

-0.4

+0.7

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

300

250

200

150

100

50

Rank

1

2

3

4

5

6

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2500 2000

1500

1000

500

Δ

Rank

1

2

3

4

5

6

10BPS Depth (top of book)

Depth (1K EUR)

187.9

47.4

37.4

5.9

0.1

0.1

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Depth (1K EUR)

1,744.5

244.6

158.6

52.9

26.9

3.7

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

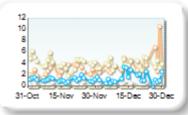
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

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AL	LUU	ICH I

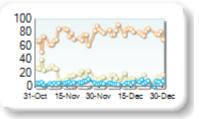
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.85	-0.21	
2	XMAD	3.85	+1.32	
3	AQEU	1.51	+0.18	
4	TQEX	0.67	+0.18	
5	BATE	0.01	0.00	
6	CHIX	0.00	-0.02	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	80.25	+7.31	
2	CEUX	12.27	-7.07	
3	AQEU	5.08	-0.21	
4	TQEX	0.07	-0.28	
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



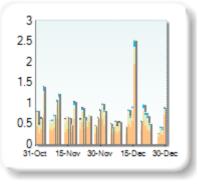
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CaixaBank

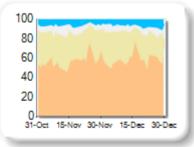
Market Share

Rank	Venue	Market Share	Change
1	XMAD	61.32%	+4.93
2	CEUX	25.88%	-4.08
3	AQEU	6.41%	+0.36
4	TQEX	5.69%	-1.29
5	BATE	0.46%	+0.12
6	CHIX	0.21%	-0.02
7	TRQX	0.02%	-0.01
8	AQXE	0.02%	-0.01

Volume Trend



Market Share Trend







25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	7.60	+0.14		
2	CEUX	8.96	+0.24		
3	AQEU	9.53	+0.39		
4	TQEX	41.28	-5.29		
5	CHIX	181.48	n/a		
Monthly	y Spread	Trend			
35 30 25 20					

15-Nov 30-Nov 15-Dec 30-Dec

10

5

n.

31-Oct

Current Period Comparison Period

Change

+18.1

-3.8

-0.3

 ± 0.4

+0.2

15-Dec 30-Dec

Change

+135.7

+16.0

+13.2

+3.9

+3.7

-0.5

+0.0

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

7

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

AQXE

Monthly Depth Trend

3500 3000

2500

2000

1500

1000

500

•

0 31-Oct

10BPS Depth (top of book)

Depth (1K EUR)

356.7

104.5

97.0

21.1

0.5

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

2,534.2

408.7

328.9

78.4

7.1

0.6

0.3

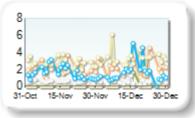
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

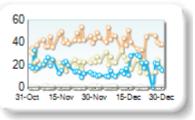
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.24	+0.57	
2	XMAD	2.14	-0.03	
3	AQEU	1.56	-0.46	
4	TQEX	0.57	-0.08	
5	BATE	0.17	+0.20	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	40.94	+0.17	
2	CEUX	22.40	+0.32	
3	AQEU	16.04	-1.94	
4	TQEX	0.80	-0.11	
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



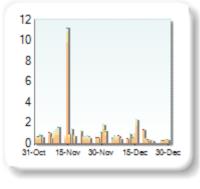
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Cellnex Telecom SAU

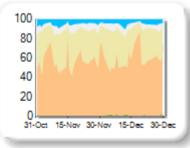
Market Share

Rank	Venue	Market Share	Change
1	XMAD	63.45%	-3.25
2	CEUX	26.58%	+2.67
3	TQEX	5.10%	+0.04
4	AQEU	3.83%	-0.10
5	BATE	0.78%	+0.55
6	CHIX	0.21%	+0.08
7	TRQX	0.04%	+0.01
8	AQXE	0.00%	0.00

Volume Trend



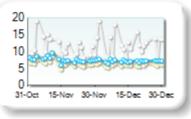
Market Share Trend





At touch				
Rank	Venue	Spread (bps)	Change	
1	CEUX	5.93	-0.46	
2	XMAD	6.75	-0.66	
3	AQEU	7.14	-0.43	
4	TQEX	12.10	+0.42	
5	BATE	196.97	n/a	
Anathly Coursed Tread				

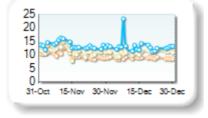
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	8.81	-0.82
2	CEUX	10.80	-0.47
3	AQEU	13.16	-0.32
4	TQEX	96.03	-30.25

Monthly Spread Trend



Current Period Comparison Period

Change

+37.5

-1.8

+6.7

-0.2

+0.5

15-Dec 30-Dec

Change

+188.1

-12.1

-5.4

+1.0

+8.5

-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

31-0-+

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)

247.4

81.7

61.9

18.2

0.7

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,802.3

352.1

237.5

58.6

10.0

0.9

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

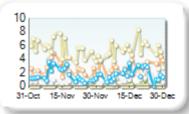
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	to	uch

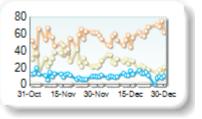
Rank	Venue	Best Price (%)	Change	
1	CEUX	5.26	-0.47	
2	XMAD	2.74	+0.71	
3	AQEU	1.73	+0.23	
4	TQEX	1.07	+0.22	
5	BATE	0.30	+0.09	
6	CHIX	0.00	-0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	57.68	+4.86	
2	CEUX	23.61	-6.87	
3	AQEU	10.64	+0.20	
4	TQEX	0.38	-0.16	
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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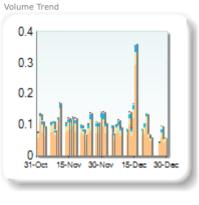
Market Share						
Rank	Venue	Market Share	Change			
1	XMAD	71.37%	+1.53			
2	CEUX	16.13%	-2.44			
3	AQEU	8.68%	+0.55			
4	TQEX	3.46%	+0.50			

BATE

CHIX

5

6



0.29%

0.07%

-0.04

-0.09

Market Share Trend



Spreads

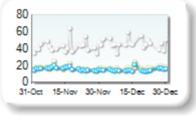
60

40

20

0 31-Oct





Rank	Venue	Spread (bps)	Change
1	XMAD	18.97	-1.49
2	AQEU	25.96	-1.14
3	CEUX	37.72	-0.52
1onthl	y Spread	Trend	

15-Nov 30-Nov 15-Dec 30-Dec



-0.2

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

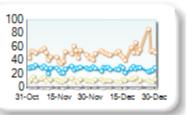
10BPS Depth (top of book)					
Rank	Venue	Depth (1K EUR)	Change		
1	XMAD	52.6	+4.7		
2	AQEU	27.4	-0.2		
3	CEUX	10.1	-0.3		
4	BATE	3.8	+0.2		

1.3

TQEX Monthly Depth Trend

Book Depths

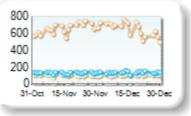
5



50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	651.4	-0.5
2	AQEU	136.2	+5.0
3	CEUX	100.8	+0.0
4	TQEX	14.9	-1.3
5	BATE	3.5	+0.3

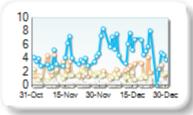
Monthly Depth Trend





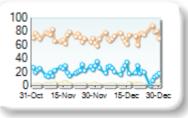
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	5.46	+1.52	
2	XMAD	2.11	+0.08	
3	CEUX	1.16	-0.46	
4	TQEX	0.22	+0.08	
5	BATE	0.15	+0.05	
6	CHIX	0.00	-0.01	
7	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	72.05	+0.62	
2	AQEU	21.51	-1.10	
3	CEUX	1.47	-0.69	
4	TQEX	0.01	-0.04	
5	CHIX	0.00	+0.00	
6	BATE	0.00	+0.00	
7	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%).

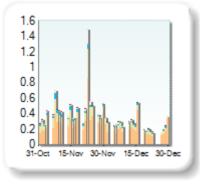
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Endesa SA

Market Share

Rank	Venue	Market Share	Change
1	XMAD	69.16%	+7.50
2	CEUX	19.95%	-4.99
3	AQEU	5.41%	-1.26
4	TQEX	4.91%	-1.26
5	BATE	0.43%	+0.08
6	CHIX	0.14%	-0.03
7	TRQX	0.00%	-0.02
8	AQXE	0.00%	-0.02

Volume Trend



Market Share Trend

100 80 60 40 20 0. 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Spreads At touch Rank Venue Spread (bps) 1 CEUX 5.67 2 AOEU 6.20 3 XMAD 6.21 4 TQEX 11.76 5 BATE 217.66 6 AQXE 500.66 Monthly Spread Trend 25



Change

+0.07

+0.14

-0.05

-4.13

+8.69

n/a

-0.09

-29.72

25k EUR deal Rank Venue Spread (bps) Change 1 XMAD 8.44 -0.54 2 CEUX 13.84 -0.20

14.99

62.28

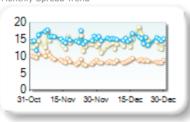
Monthly Spread Trend

AQEU

TQEX

3

4



Current Period Comparison Period

Change

+40.0

+0.1

+1.6

+1.9

+0.4

15-Dec 30-Dec

Change

+159.2

+10.2

-2.3

+9.0

+73

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

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2500

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

267.4

52.7

46.8

10.4

0.8

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,849.9

251.4

170.5

64.0

11.2

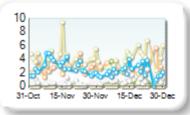
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

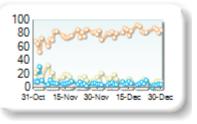
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.89	-0.16	
2	XMAD	2.48	-0.10	
3	AQEU	2.11	-0.81	
4	TQEX	0.87	+0.42	
5	BATE	0.37	+0.26	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	82.41	+7.72	
2	CEUX	10.03	-6.00	
3	AQEU	5.56	-2.28	
4	TQEX	0.15	-0.09	
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



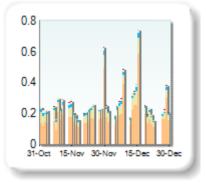
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Enagas SA

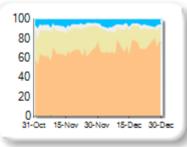
Market Share

Rank	Venue	Market Share	Change
1	XMAD	71.84%	+5.94
2	CEUX	18.30%	-4.96
3	AQEU	5.47%	+0.12
4	TQEX	4.09%	-0.92
5	BATE	0.21%	-0.01
6	CHIX	0.08%	-0.09
7	TRQX	0.00%	-0.03
8	AQXE	0.00%	-0.05

Volume Trend



Market Share Trend



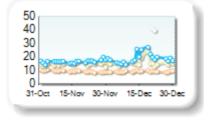
Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 6.31 +0.18 2 XMAD 6.72 +0.02 +0.173 AQEU 7.21 4 TQEX 12.90 +1.945 BATE 379.65 n/a Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	9.18	-0.25
2	CEUX	15.39	+0.64
3	AQEU	18.85	+2.34
4	TQEX	60.91	+1.48

Monthly Spread Trend



Current Period Comparison Period

Change

+42.3

-3.1

-4.2

-0.2

+0.1

15-Dec 30-Dec

Change

-51.3

+3.8

-16.9

+2.3

+27

+6.8

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

350 300 250

200

150

100

50

0

Rank

1

2

3

4

5

6

31-0-+

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2500

2000

1500

1000 500 0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

233.8

45.8

37.5

13.6

0.7

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,690.4

237.8

154.8

68.2

28.7

14.9

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

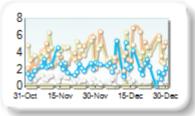
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At touch				
Rank	Venue	В		

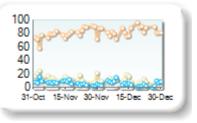
Rank	Venue	Best Price (%)	Change
1	XMAD	4.04	+0.41
2	CEUX	3.98	-0.21
3	AQEU	2.36	-0.66
4	TQEX	0.71	-0.25
5	BATE	0.09	+0.13
6	CHIX	0.02	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	83.17	+4.39		
2	CEUX	9.63	-3.41		
3	AQEU	5.51	-1.54		
4	TQEX	0.32	+0.20		
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



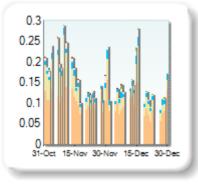
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FLUIDRA SA

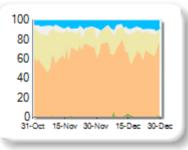
Market Share Change Rank Venue Market Share 1 XMAD 66.82% +4.95 CEUX 2 20.21% -5.78 3 AQEU 7.70% +1.554 TQEX 3.84% -1.58

5 BATE 1.16% +0.78 6 CHIX +0.08 0.24% 7 TRQX +0.010.03% AQXE +0.008 0.00%

Volume Trend



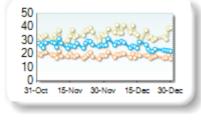
Market Share Trend



Spreads At touch Rank Venue Change Spread (bps) 1 XMAD 15.56 -0.12 2 AOEU 15.63 -0.62 3 CEUX 17.16 0.00 4 TQEX 41.99 +1.335 BATE 306.32 n/a Monthly Spread Trend 60 40 20 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec 25k ELIR deal

-510 -	on aca			
Rank	Venue	Spread (bps)	Change	
1	XMAD	18.51	-0.42	
2	AQEU	25.42	-1.50	
3	CEUX	35.19	+1.64	
Anthly Correct Trend				

Monthly Spread Trend



Current Period Comparison Period

Change

+5.6

+3.7

-1.5

-0.1

+0.0

15-Dec 30-Dec

Change

+185.4

+6.5

+15.3

+2.8

+0.8

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

80 60

40

20

0

Rank

1

2

3

4

5

31-Oct

15-New

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

45.3

22.7

9.5

0.7

0.2

30-Nov

Depth (1K EUR)

1,160.9

152.0

147.8

25.2

3.5

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

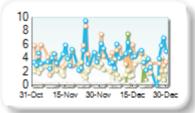
50BPS Depth (deeper into book)

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

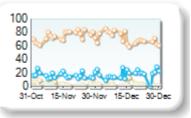
At touch					
Rank	Venue	Best Price (%)	Change		
1	AQEU	4.27	+1.10		
2	XMAD	4.07	+1.53		
3	CEUX	2.12	-0.15		
4	BATE	0.56	+0.15		
5	TQEX	0.15	+0.02		
6	CHIX	0.00	-0.02		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	70.93	-3.33		
2	AQEU	18.30	+1.54		
3	CEUX	2.81	-1.15		
4	TQEX	0.04	+0.01		
5	CHIX	0.00	+0.00		
6	TRQX	0.00	+0.00		
7	BATE	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



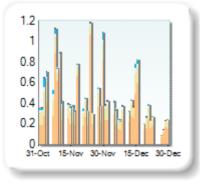
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Ferrovial SA

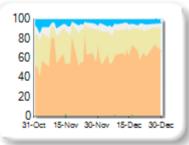
Market Share

Rank	Venue	Market Share	Change
1	XMAD	63.19%	-3.39
2	CEUX	25.00%	+2.76
3	TQEX	6.38%	+1.13
4	AQEU	4.64%	-0.76
5	BATE	0.56%	+0.25
6	CHIX	0.22%	+0.04
7	TRQX	0.01%	0.00
8	AQXE	0.00%	-0.02

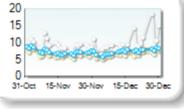
Volume Trend



Market Share Trend



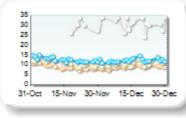
Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 6.41 0.00 2 XMAD 7.17 +0.18+0.04 3 AQEU 7.30 4 TQEX 10.11 +0.815 BATE 120.88 -92.89 Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	8.76	-0.17
2	CEUX	10.66	-0.44
3	AQEU	12.10	-0.46
4	TQEX	33.24	-5.34
5	BATE	142.86	-72.18

Monthly Spread Trend



Current Period Comparison Period

Change

+26.2

+7.6

+5.9

+1.7

+0.6

+0.0

Change

+120.5

+26.1

+4.5

+5.6

+10.6

-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

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

2500

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

274.7

83.2

64.5

22.0

1.2

0.0

15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,030.2

350.2

231.4

92.6

16.0

4.5

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

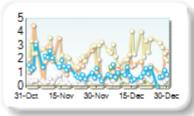
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	to	uc

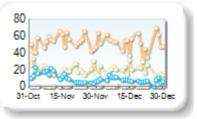
/	Actouch				
Rank	Venue	Best Price (%)	Change		
1	CEUX	2.69	+0.11		
2	XMAD	1.37	-0.41		
3	AQEU	0.84	-0.76		
4	TQEX	0.36	-0.02		
5	BATE	0.25	+0.17		
6	CHIX	0.01	-0.01		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	51.34	-0.96		
2	CEUX	19.61	+0.13		
3	AQEU	7.42	-3.54		
4	TQEX	0.84	+0.26		
5	BATE	0.02	+0.01		
6	CHIX	0.00	+0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



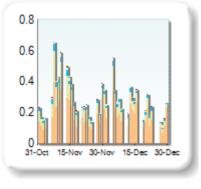
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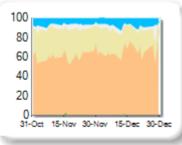
Market Share						
Rar	nk Venu		rket are	Change		
1	ХМА	D 66.	61%	+5.63		
2	CEU	× 22.	65%	-5.45		
3	AQE	U 6.7	8%	+0.68		

.68 4 TQEX 3.49% -0.49 5 BATE 0.32% -0.23 6 CHIX 0.07% -0.21 7 TRQX 0.07% +0.07AQXE -0.01 8 0.00%

Volume Trend



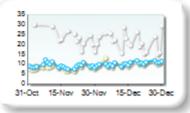
Market Share Trend



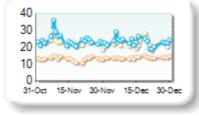
Spreads At touch

Rank	Venue	Spread (bps)	Change		
1	CEUX	9.77	+1.83		
2	XMAD	10.14	+1.34		
3	AQEU	10.24	+1.07		
4	TQEX	21.66	-9.70		

Monthly Spread Trend



LOK LUR UEDI					
Rank	Venue	Spread (bps)	Change		
1	XMAD	13.71	+0.67		
2	CEUX	22.28	-0.68		
3	AQEU	23.09	-1.06		
4	TQEX	68.82	-118.60		
Ionthly Spread Trend					



Current Period Comparison Period

Change

+3.9

+4.4

+2.9

+1.3

+0.2

15-Dec 30-Dec

Change

+132.9

+17.5

+6.2

+11.6

+0.1

+1.9

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

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

1600

1400 1200

1000

600

200

0

31-Oct

10BPS Depth (top of book)

Depth (1K EUR)

115.5

31.0

30.1

3.8

1.2

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,154.4

191.8

146.5

48.1

10.9

4.7

15-Nov. 30-Nov. 15-Dec. 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

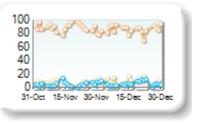
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.30	-2.51	
2	XMAD	3.17	-0.47	
3	AQEU	2.29	-1.61	
4	TQEX	0.44	-0.02	
5	BATE	0.11	+0.10	
6	CHIX	0.00	-0.01	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	85.17	-3.39	
2	CEUX	7.81	+1.21	
3	AQEU	5.92	+1.42	
4	TQEX	0.03	+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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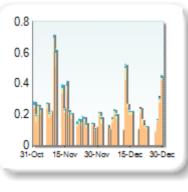
International Consolidated Airlines Group SA

Market Share						
Rank	Venue	Market Share	Change			
1	XMAD	83.88%	+2.97			
2	CEUX	10.28%	-1.79			
3	AQEU	4.34%	-1.05			
4	TQEX	1.47%	-0.09			
5	BATE	0.02%	+0.02			
6	TRQX	0.01%	-0.07			

Volume Trend

CHIX

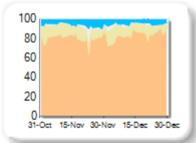
7



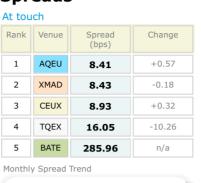
0.00%

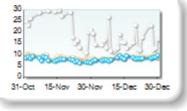
+0.00

Market Share Trend



Spreads





25k EUR deal

Rank	Venue	Spread (bps)	Change	
1	XMAD	10.57	-0.48	
2	AQEU	14.99	+3.03	
3	CEUX	16.46	-0.68	
4	TQEX	34.83	-14.73	
Monthly Spread Trend				

50 40 30 20 10 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Current Period Comparison Period

Change

+23.4

-18.9

+4.5

+7.7

-0.6

+0.3

+0.1

15-Dec 30-D

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

TRQX

BATE

CHIX

Monthly Depth Trend

350

300

250

200

150 100

50

31-Oct

Rank

1

2

3

4

5

6

7

10BPS Depth (top of book)

Depth (1K EUR)

208.6

66.8

60.4

15.0

4.0

1.6

0.3

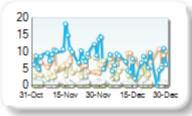
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At touch

At touch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	7.65	+2.85	
2	AQEU	6.61	-3.21	
3	CEUX	3.73	-1.87	
4	TQEX	0.61	-0.07	
5	TRQX	0.22	-0.40	
6	BATE	0.22	+0.03	
7	CHIX	0.00	+0.00	

Best Prices Trend

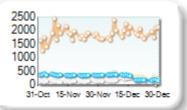


50BPS Depth (deeper into book)

15-Nov 30-Nov

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	1,915.2	+97.1
2	CEUX	328.1	-44.1
3	AQEU	286.7	-71.2
4	TQEX	166.6	+31.2
5	TRQX	3.9	-1.6
6	CHIX	3.4	+1.5
7	BATE	3.4	-0.7

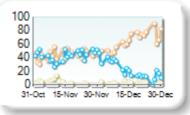
Monthly Depth Trend



25k EUR deal

Rank	Venue	Best Price (%)	Change
1	XMAD	63.50	+18.81
2	AQEU	21.83	-21.29
3	CEUX	3.40	-0.18
4	TQEX	0.05	+0.04
5	CHIX	0.00	+0.00
6	TRQX	0.00	-0.03
7	BATE	0.00	+0.00

Best Prices Trend



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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%).

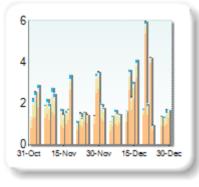
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

Iberdrola SA

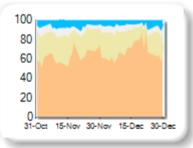
Market Share

Rank	Venue	Market Share	Change
1	XMAD	72.66%	+9.58
2	CEUX	17.56%	-5.95
3	TQEX	5.02%	-1.67
4	AQEU	4.25%	-1.96
5	BATE	0.38%	+0.03
6	CHIX	0.10%	-0.06
7	TRQX	0.02%	+0.01
8	AQXE	0.01%	+0.01

Volume Trend

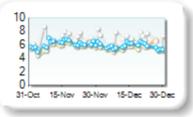


Market Share Trend



Spreads At touch Rank Venue Spread Change (bps) 1 CEUX 5.52 -0.24 2 XMAD 5.81 -0.21 3 AQEU 5.84 -0.28 4 TQEX 6.76 0.00 5 BATE 129.72 -362.04 6 AQXE 501.00 +0.92

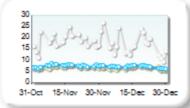
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change	
1	CEUX	6.58	-0.32	
2	XMAD	6.60	-0.29	
3	AQEU	7.23	-0.36	
4	TQEX	16.86	-3.01	
5	BATE	196.41	-295.31	
Monthly Sproad Trand				

Monthly Spread Trend



Current Period Comparison Period

Change

+87.5

+20.9

-15.3

+10.3

+2.6

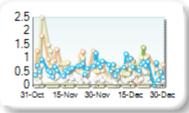
+0.0

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

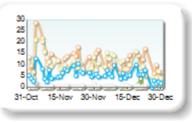
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	0.65	-0.11	
2	XMAD	0.58	-0.08	
3	CEUX	0.54	-0.19	
4	BATE	0.32	+0.15	
5	TQEX	0.24	-0.03	
6	CHIX	0.00	-0.01	
7	AQXE	0.00	0.00	
8	TRQX	0.00	+0.00	





25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	11.01	-1.74	
2	CEUX	9.64	-1.17	
3	AQEU	5.16	-1.17	
4	TQEX	0.64	+0.02	
5	BATE	0.31	+0.31	
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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200 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

AQXE

Monthly Depth Trend

Rank

1

2

3

4

5

6

800

600

400

10BPS Depth (top of book)

Depth (1K EUR)

483.6

209.4

150.7

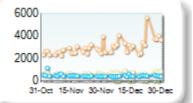
63.0

3.4

0.3

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	3,302.3	+676.8
2	CEUX	680.2	+71.9
3	AQEU	441.5	-51.8
4	TQEX	171.9	+35.2
5	BATE	22.6	+19.2
6	CHIX	1.9	-1.3
7	AQXE	0.3	+0.0

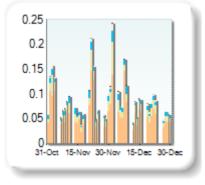
Monthly Depth Trend



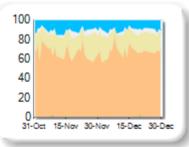
Indra Sistemas SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	68.23%	-0.35		
2	CEUX	18.92%	+0.36		
3	AQEU	8.78%	-0.40		
4	TQEX	3.74%	+0.27		
5	BATE	0.23%	+0.12		
6	CHIX	0.08%	-0.02		
7	AQXE	0.00%	+0.00		
8	TRQX	0.00%	+0.00		

Volume Trend



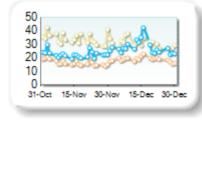
Market Share Trend





25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	18.77	+2.27		
2	AQEU	27.51	+4.98		
3	CEUX	30.61	-3.47		

Monthly Spread Trend



Current Period Comparison Period

Change

+20.9

+5.7

+13.4

+0.1

15-Dec 30-Dec

Change

+310.3

+54.0

-0.8

+11.6

+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

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

1600

1400

1200

1000

600 400

200

31-Oct

0

31-Oct 15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,268.1

187.7

139.2

34.6

0.7

15-Nov 30-Nov 15-Dec 30-Dec

10BPS Depth (top of book)

Depth (1K EUR)

72.6

31.8

23.4

3.6

0.7

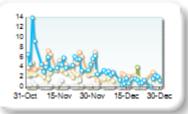
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	to	ucł
110		uci

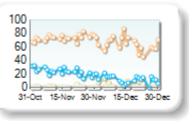
Actouch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	1.91	-2.92	
2	AQEU	1.86	-3.72	
3	CEUX	1.09	-1.14	
4	BATE	0.20	-0.01	
5	TQEX	0.11	-0.18	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	64.48	-8.65	
2	AQEU	11.96	-11.77	
3	CEUX	4.73	+3.35	
4	TQEX	0.02	+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



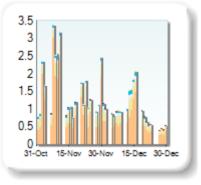
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INDITEX

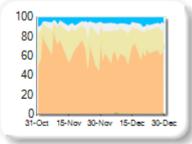
Market Share

Rank	Venue	Market Share	Change
1	XMAD	61.57%	-8.75
2	CEUX	24.46%	+5.19
3	TQEX	6.92%	+1.65
4	AQEU	6.24%	+1.54
5	BATE	0.55%	+0.28
6	CHIX	0.23%	+0.08
7	TRQX	0.02%	+0.00
8	AQXE	0.02%	+0.02

Volume Trend



Market Share Trend



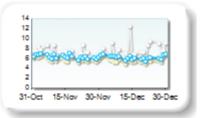
SpreadsAt touchRankVenueSpread
(bps)1CEUX5.582AQEU6.18

1	CEUX	5.58	-0.18
2	AQEU	6.18	-0.15
3	XMAD	6.22	-0.05
4	TQEX	7.71	+0.38
5	BATE	261.30	-186.39
6	CHIX	489.49	+20.81
7	AQXE	501.00	+0.81

Change

0 10

Monthly Spread Trend



25k EUR deal				
Rank	Venue	Spread (bps)	Change	
1	XMAD	7.45	-0.07	
2	CEUX	7.97	+0.16	
3	AQEU	8.07	+0.04	
4	TQEX	27.65	-0.33	
5	BATE	307.26	-193.74	
6	CHIX	501.00	+6.52	
Monthly	y Spread	Trend		
35 30 25 20 15				

15-Nov 30-Nov

15-Dec 30-Dec

31-Oct

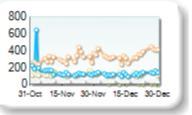
Current Period Comparison Period 01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Bes

10BPS Depth (top of book)

Book Depths

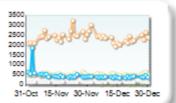
Rank	Venue	Depth (1K EUR)	Change	
1	XMAD	341.8	+42.4	
2	AQEU	122.5	-39.7	
3	CEUX	120.7	-0.9	
4	TQEX	32.4	0.0	
5	BATE	2.5	+1.7	
Monthly Depth Trend				



50BPS Depth (deeper into book)

Rank	Venue	Depth (1K EUR)	Change
1	XMAD	2,351.5	-64.4
2	CEUX	502.2	-6.3
3	AQEU	379.5	-134.3
4	TQEX	124.5	+10.7
5	BATE	17.2	+13.8
6	CHIX	1.9	-0.2

Monthly Depth Trend

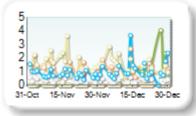


Best Prices

At touch

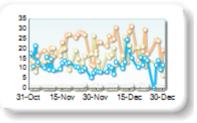
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	1.44	-0.18	
2	AQEU	1.13	+0.25	
3	XMAD	1.05	-0.14	
4	BATE	0.77	+0.69	
5	TQEX	0.33	-0.05	
6	CHIX	0.00	-0.04	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	0.00	

Best Prices Trend



25k E	25k EUR deal					
Rank	Venue	Best Price (%)	Change			
1	XMAD	22.67	+3.00			
2	CEUX	15.27	+0.09			
3	AQEU	11.91	+0.33			
4	TQEX	0.85	+0.14			
5	BATE	0.03	+0.03			
6	CHIX	0.00	0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			

Best Prices Trend

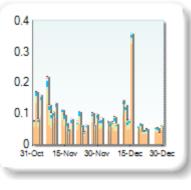


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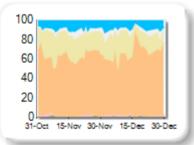
Cia de Distribucion Integral Logista Holdings SAU

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	69.07%	+7.35		
2	CEUX	15.70%	-8.09		
3	AQEU	9.12%	+0.32		
4	TQEX	4.19%	+0.48		
5	XEQT	1.41%	-0.05		
6	BATE	0.48%	+0.13		
7	CHIX	0.02%	-0.13		

Volume Trend

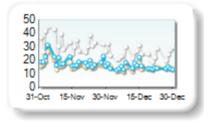


Market Share Trend



Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	XMAD	13.79	-2.51		
2	AQEU	13.97	-5.10		
3	CEUX	14.44	-3.12		
4	TQEX	23.98	-10.26		
5	XEQT	112.29	-23.06		
6	BATE	394.21	n/a		
Monthl	v Spread	Trend			



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	17.10	-7.29
2	AQEU	26.88	-63.17
3	CEUX	31.36	-13.74

Monthly Spread Trend



Change

+35.1

+14.4

+0.7

+1.6

+1.7

+0.3

15-Dec 30-Dec

Change

+608.2

+83.3

+40.0

+24.0

+1.4

+0.4

Book Depths

Venue

XMAD

AOEU

CEUX

XEQT

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

6

100

80

60

40

20

Rank

1

2

3

4

5

6

0

31-Oct

Venue

XMAD

AQEU

CEUX

TQEX

XEQT

BATE

Monthly Depth Trend

1600

1400

1000

800 600 400

200

10BPS Depth (top of book)

Depth (1K EUR)

71.5

27.7

18.8

8.8

5.1

2.3

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,362.1

128.4

125.5

43.6

9.2

3.6

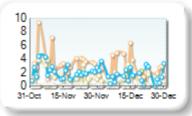
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Best Prices

	\∔	+0		
-	٩L	LU	u	CI

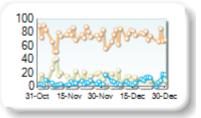
Actouch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	1.86	-1.89	
2	AQEU	1.51	-0.51	
3	CEUX	0.62	-0.95	
4	BATE	0.36	+0.11	
5	TQEX	0.06	-0.04	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	74.53	-1.10		
2	AQEU	11.19	+6.55		
3	CEUX	4.13	-12.51		
4	TQEX	0.05	-0.18		
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

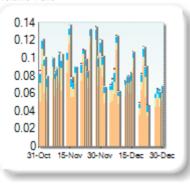


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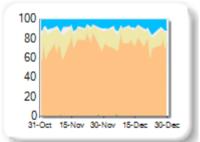
Mapfre SA

Market Share Change Rank Venue Market Share 1 XMAD 74.40% +1.02CEUX 2 13.74% -1.37 3 AQEU 8.89% +0.964 TQEX 2.58% -0.55 5 BATE 0.26% +0.02 6 CHIX -0.02 0.13% 7 AQXE -0.06 0.00%

Volume Trend



Market Share Trend



Spreads At touch Spread Rank Venue Change (bps) 1 AQEU 9.79 +0.43 2 XMAD 10.20 +0.423 CEUX 10.44 +0.554 TQEX 21.20 +1.535 BATE 437.44 6 AQXE 501.00 +0.00 Monthly Spread Trend 30



25k EUR deal Rank Venue Spread Change

1	XMAD	13.92	+0.15
2	AQEU	21.11	+2.37
3	CEUX	25.79	-0.61
4	TQEX	107.97	-223.88
Monthl	y Spread	Trend	

35 30 25 20 15 10 5 0 15-Nov 30-Nov 15-Dec 30-Dec 31-Oct

Current Period Comparison Period

Change

-6.2

-3.0

-1.8

-0.4

+0.0

15-Dec. 30-Dec

Change

+127.6

+13.4

-5.8

+5.2

+0.8

+0.5

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

CHIX

Monthly Depth Trend

Rank

1

2

3

4

5

200 150

100

50

Rank

1

2

3

4

5

6

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

n/a

10BPS Depth (top of book)

Depth (1K EUR)

92.1

32.6

17.8

3.4

0.1

15-Nev 30-Nev

50BPS Depth (deeper into book)

Depth (1K EUR)

1,446.0

168.8

138.2

36.0

4.9

3.5

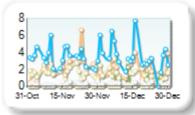
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

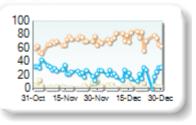
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	3.48	-0.17	
2	XMAD	2.11	-0.09	
3	CEUX	1.64	-0.15	
4	BATE	0.33	+0.32	
5	TQEX	0.28	+0.05	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	72.95	+5.38		
2	AQEU	21.15	-5.31		
3	CEUX	2.94	-0.42		
4	TQEX	0.03	+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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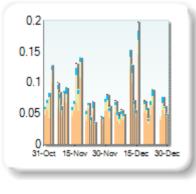
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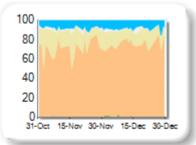
MELIA HOTELS INTERNATIONAL SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	74.37%	+5.10		
2	CEUX	14.23%	-6.14		
3	AQEU	8.47%	+0.88		
4	TQEX	2.25%	-0.27		
5	BATE	0.46%	+0.27		
6	CHIX	0.20%	+0.14		
7	TRQX	0.03%	+0.03		

Volume Trend



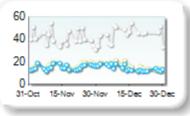
Market Share Trend



Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	AQEU	14.15	-0.86		
2	XMAD	14.40	-0.62		
3	CEUX	16.21	-0.12		
4	TQEX	46.69	+4.65		

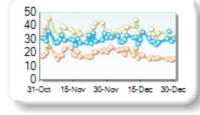
Monthly Spread Trend



25k EUR deal

М

Rank	Venue	Spread (bps)	Change
1	XMAD	18.83	-0.73
2	AQEU	30.41	+0.20
3	CEUX	35.74	-0.25
onthly	y Spread	Trend	



Current Period Comparison Period

Change

+7.7

+0.9

-0.3

-0.3

15-Dec 30-Dec

Change

+41.1

+5.7

-4.4

+2.8

+0.0

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

Monthly Depth Trend

Rank

1

2

3

4

100

80

60 40

20

Rank

1

2

3

4

5

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

1400

1200

1000

800

600 400 200

n

10BPS Depth (top of book)

Depth (1K EUR)

54.9

21.1

10.3

0.8

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K

EUR)

979.1

141.1

107.4

21.5

0.7

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

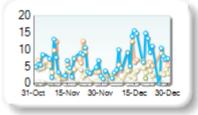
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	to	uc	ŀ

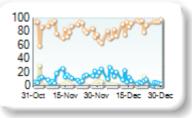
Rank	Venue	Best Price (%)	Change	
1	AQEU	7.87	+0.32	
2	XMAD	5.58	+1.24	
3	CEUX	2.51	-0.27	
4	TQEX	0.14	-0.04	
5	BATE	0.07	+0.00	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	

Best Prices Trend



25k E	25k EUR deal				
Rank	Venue	Best Price (%)	Change		
1	XMAD	84.75	+1.23		
2	AQEU	10.97	-0.85		
3	CEUX	2.19	-0.86		
4	CHIX	0.00	+0.00		
5	TRQX	0.00	+0.00		
6	BATE	0.00	+0.00		
7	TQEX	0.00	-0.01		

Best Prices Trend



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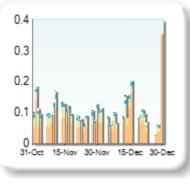
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Best

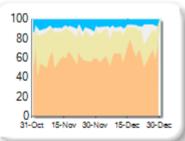
Merlin Properties Socimi SA

Market Share					
Rank	Venue	Market Share	Change		
1	XMAD	68.64%	+9.42		
2	CEUX	20.59%	-7.14		
3	AQEU	5.89%	-2.27		
4	TQEX	4.58%	-0.01		
5	TRQX	0.20%	+0.19		
6	BATE	0.07%	-0.08		
7	CHIX	0.03%	-0.10		

Volume Trend

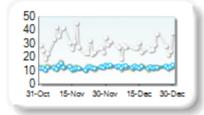


Market Share Trend



Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	12.56	+0.18		
2	XMAD	12.82	-0.14		
3	AQEU	12.86	+0.55		
4	TQEX	27.74	-2.92		
Ionthly Spread Trend					



25k EUR deal						
Rank	Venue	Spread (bps)	Change			
1	XMAD	16.48	0.00			
2	AQEU	24.97	+1.68			
3	CEUX	27.10	+0.67			
Monthly Spread Trend						



15

10 5 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec Current Period Comparison Period

Change

-1.0

-2.3

-1.7

+0.0

15-Dec 30-Dec

Change

-2.8

-3.2

-6.2

+2.0

+0.7

+1.7

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

80

60

40

20

0

Rank

1

2

3

4

5

6

31-Oct

15-Nov

Venue

XMAD

AQEU

CEUX

TQEX

CHIX

BATE

Monthly Depth Trend

1000 800

600

400

200

10BPS Depth (top of book)

Depth (1K EUR)

57.4

22.4

18.3

2.6

0.1

30-Nov

Depth (1K EUR)

668.2

129.3

127.2

24.9

17.7

5.9

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

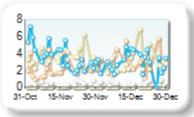
50BPS Depth (deeper into book)

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

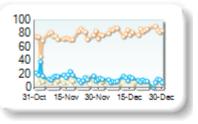
At touch				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.06	+0.15	
2	XMAD	2.98	+0.52	
3	AQEU	2.93	-0.99	
4	TQEX	0.42	+0.07	
5	BATE	0.06	+0.06	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	82.66	+7.86	
2	AQEU	10.47	-5.70	
3	CEUX	4.80	-2.64	
4	TQEX	0.03	+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



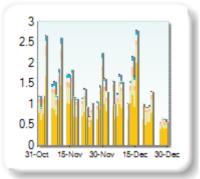
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ARCELORMITTAL SA

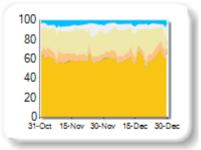
Market Share

Rank	Venue	Market Share	Change
1	ENXT	60.80%	+1.35
2	CEUX	22.47%	-0.32
3	XMAD	6.62%	+0.02
4	TQEX	6.17%	+0.04
5	AQEU	3.78%	-0.93
6	BATE	0.08%	-0.03
7	TRQX	0.07%	-0.06
8	CHIX	0.02%	-0.04
9	AQXE	0.00%	-0.02

Volume Trend



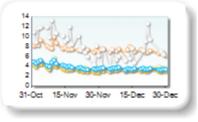
Market Share Trend



Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	ENXT	3.05	-0.37		
2	CEUX	3.38	-0.57		
3	AQEU	3.46	-0.61		
4	XMAD	7.07	-0.65		
5	TQEX	8.47	-1.13		
6	BATE	328.62	n/a		

Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change	
1	ENXT	3.98	-0.71	
2	AQEU	7.35	-1.76	
3	CEUX	7.86	-1.43	
4	XMAD	8.52	-0.70	
5	TQEX	39.11	+18.18	
6	BATE	356.13	n/a	
Monthly Spread Trend				

20 15 10 5 0 31-Oct 15-Nøv 30-Nøv 15-Dec 30-Dec Current Period Comparison Period

Change

+74.2

+28.3

+0.3

+17.9

-3.4

+0.1

+0.1

15-Dec 30-De

Book Depths

Venue

ENXT

XMAD

AQEU

CEUX

TQEX

CHIX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

6

7

800 600

400

200

0 31-Oct

10BPS Depth (top of book)

Depth (1K EUR)

577.2

323.5

124.4

115.4

27.6

0.1

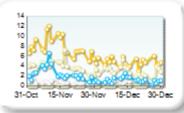
0.1

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

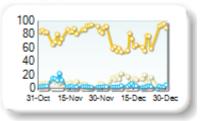
At touch				
Rank	Venue	Best Price (%)	Change	
1	ENXT	4.71	-3.43	
2	CEUX	2.92	-0.84	
3	AQEU	1.11	-1.22	
4	TQEX	0.78	+0.11	
5	BATE	0.08	+0.07	
6	CHIX	0.00	+0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	





25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	ENXT	71.78	-11.16	
2	CEUX	10.72	+3.86	
3	AQEU	3.08	-2.34	
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



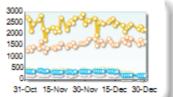
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50BPS Depth (deeper into book)

15-Nov 30-Nov

Rank	Venue	Depth (1K EUR)	Change
1	ENXT	2,417.7	-26.0
2	XMAD	1,672.9	+209.7
3	CEUX	356.4	-54.0
4	AQEU	295.9	-68.7
5	TQEX	157.7	-67.9
6	BATE	7.1	+5.8
7	CHIX	6.7	+0.5

Monthly Depth Trend

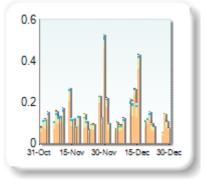


Naturgy Energy Group SA

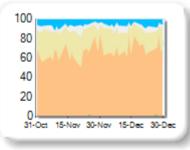
Market Share

Rank	Venue	Market Share	Change
1	XMAD	72.35%	+3.91
2	CEUX	18.07%	-2.91
3	AQEU	4.87%	-0.73
4	TQEX	4.23%	-0.43
5	BATE	0.37%	+0.19
6	CHIX	0.09%	-0.04
7	TRQX	0.01%	+0.01
8	AQXE	0.00%	0.00

Volume Trend

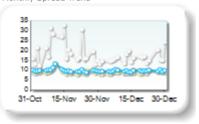


Market Share Trend



Spreads

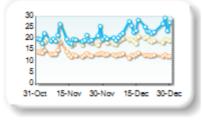
At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	8.60	-0.41		
2	AQEU	9.57	-0.31		
3	XMAD	9.59	-0.44		
4	TQEX	16.14	-4.74		
5	BATE	258.20	n/a		
Monthly Spread Trend					



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	12.68	-0.85
2	CEUX	19.21	+0.06
3	AQEU	23.62	+3.38
4	BATE	432.99	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+15.3

-1.6

-7.4

+1.0

+0.1

15-Dec 30-Dec

Change

+218.8

-2.6

-21.1

+7.2

+0.4

+5.2

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

Rank

1

2

3

4

5

200

150

100

50

Rank

1

2

3

4

5

6

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2000

1500

1000

500 0

10BPS Depth (top of book)

Depth (1K EUR)

123.5

36.5

27.8

7.2

0.2

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,397.5

195.3

118.6

43.1

17.4

9.1

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

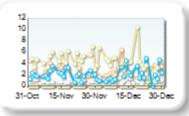
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At touch

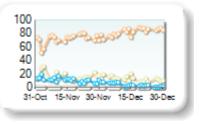
AL LOU	Juch		
Rank	Venue	Best Price (%)	Change
1	CEUX	4.40	-0.03
2	XMAD	2.29	-0.86
3	AQEU	2.06	-0.33
4	TQEX	1.02	+0.07
5	BATE	0.71	+0.79
6	CHIX	0.00	+0.00
7	TRQX	0.00	+0.00
8	AQXE	0.00	+0.00

Best Prices Trend



25k EUR deal				
Rank	Venue	Best Price (%)	Change	
1	XMAD	81.77	+9.92	
2	CEUX	12.80	-3.08	
3	AQEU	3.88	-7.29	
4	TQEX	0.02	+0.01	
5	CHIX	0.00	+0.00	
6	TRQX	0.00	+0.00	
7	BATE	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



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.

PHARMA MAR SA PHARMA MAR ORD SHS

Spreads

Venue

XMAD

AOEU

CEUX

TOFX

Spread

(bps)

13.93

14.59

18.99

65.34

Change

-1.08

-1.60

-1.58

-1 02

At touch

Rank

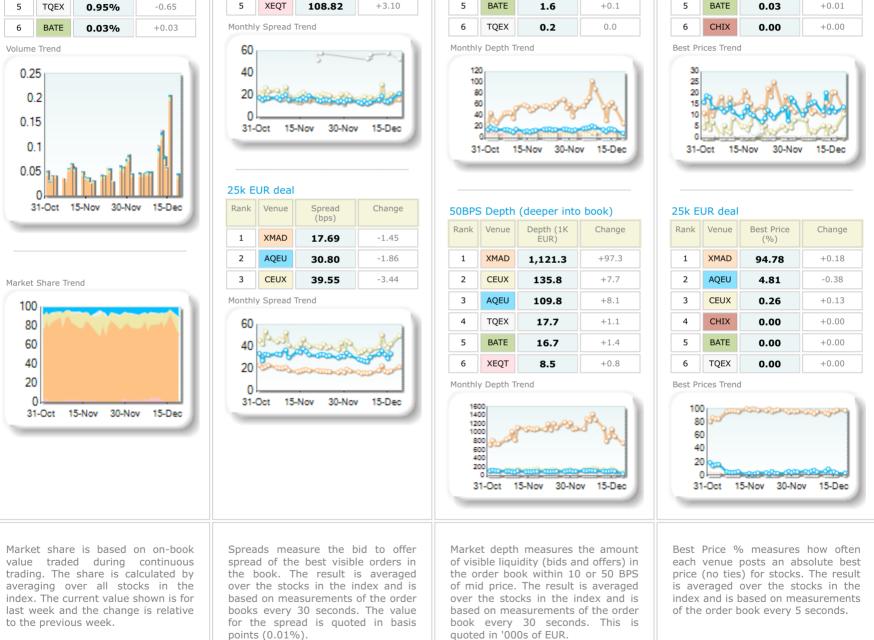
1

2

3

4

Market Share						
Rank	Venue	Market Share	Change			
1	XMAD	81.72%	+2.89			
2	CEUX	9.90%	-2.02			
3	AQEU	4.84%	-0.44			
4	XEQT	2.56%	+0.21			
5	TQEX	0.95%	-0.65			
6	BATE	0.03%	+0.03			



Current Period Comparison Period

Change

+12.2

+1.8

+0.7

+1.5

Book Depths

Venue

XMAD

AOEU

XEOT

CEUX

Rank

1

2

3

4

10BPS Depth (top of book)

Depth (1K EUR)

62.5

16.6

7.8

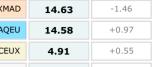
5.8

01-Dec-2022 to 16-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	touch	

Actouch				
Rank	Venue	Best Price (%)	Change	
1	XMAD	14.63	-1.46	
2	AQEU	14.58	+0.97	
3	CEUX	4.91	+0.55	
4	TQEX	0.19	-0.14	
5	BATE	0.03	+0.01	
6	CHIX	0.00	+0.00	

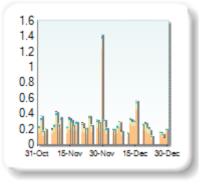


RED ELECTRICA CORPORACION SA RED ELECTRICA

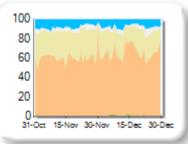
Mar	ket	Share	
Rank	Venue	Market	Change

капк	venue	Share	Change
1	XMAD	66.96%	+2.81
2	CEUX	22.00%	-2.93
3	AQEU	6.14%	-0.63
4	TQEX	3.61%	+0.03
5	BATE	1.09%	+0.76
6	CHIX	0.18%	-0.02
7	TRQX	0.02%	-0.01
8	AQXE	0.00%	0.00

Volume Trend

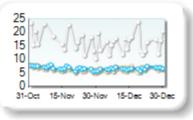


Market Share Trend



Spreads

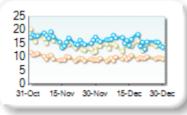
At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	5.91	-0.35		
2	AQEU	6.47	-0.29		
3	XMAD	6.70	-0.06		
4	TQEX	15.85	-4.42		
5	BATE	273.35	n/a		
Monthly Spread Trend					



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	9.41	-0.24
2	CEUX	14.14	-0.90
3	AQEU	15.67	-0.66
4	TQEX	65.40	-22.17
5	BATE	312.25	n/a

Monthly Spread Trend



Current Period Comparison Period

Change

+2.8

+1.7

+1.7

+0.7

+0.7

15-Dec 30-Dec

Change

+198.3

+1.6

-2.1

+8.6

+0.8

+4.3

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

6

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

178.1

49.9

43.4

6.7

1.4

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,427.2

231.0

165.1

55.2

11.6

7.3

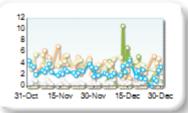
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

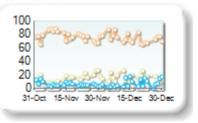
ALLOUCH				
Rank	Venue	Best Price (%)	Change	
1	CEUX	3.63	-0.12	
2	XMAD	2.55	-0.76	
3	BATE	2.43	+0.99	
4	AQEU	2.27	-0.40	
5	TQEX	0.57	+0.09	
6	CHIX	0.00	-0.02	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	74.12	-2.96		
2	CEUX	16.02	+0.81		
3	AQEU	7.60	+0.98		
4	TQEX	0.09	+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



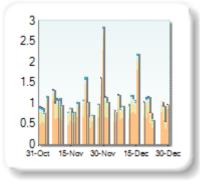
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Repsol YPF SA

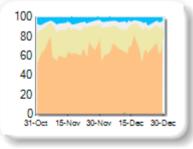
Market Share

Rank	Venue	Market Share	Change
1	XMAD	67.69%	+1.99
2	CEUX	22.15%	-1.44
3	TQEX	5.67%	+0.14
4	AQEU	4.06%	-0.87
5	BATE	0.33%	+0.20
6	CHIX	0.09%	-0.02
7	TRQX	0.01%	-0.01
8	AQXE	0.00%	0.00

Volume Trend



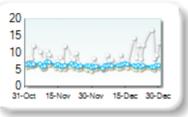
Market Share Trend



Spreads At touch Rank Venue Spread (bps) Change

Kulik	Venue	(bps)	change		
1	CEUX	5.38	-0.18		
2	XMAD	5.73	-0.14		
3	AQEU	6.05	-0.20		
4	TQEX	9.18	+0.88		
5	BATE	398.21	n/a		

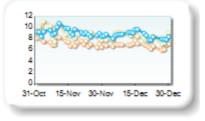
Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change
1	XMAD	6.85	-0.49
2	CEUX	8.31	-0.67
3	AQEU	8.60	-0.56
4	TQEX	40.27	-4.20

Monthly Spread Trend



Change

+52.7

+5.2

+0.5

+0.3

15-Dec 30-Dec

Change

+328.6

+19.4

-0.2

+8.7

+4 2

-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

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

Monthly Depth Trend

4000

3000

2000

1000

10BPS Depth (top of book)

Depth (1K EUR)

372.8

106.9

93.4

21.5

0.6

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

2,791.0

429.0

306.3

96.0

5.9

5.1

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

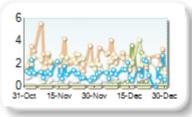
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

A +	10		_
AI	10	U	CI

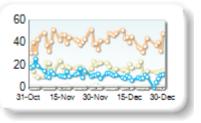
ALLOUCH				
Rank	Venue	Best Price (%)	Change	
1	XMAD	2.34	+0.47	
2	CEUX	2.08	-0.24	
3	AQEU	1.25	+0.04	
4	TQEX	0.74	-0.03	
5	BATE	0.57	+1.04	
6	CHIX	0.01	0.00	
7	AQXE	0.00	+0.00	
8	TRQX	0.00	+0.00	

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	41.30	+0.18		
2	CEUX	16.63	-0.54		
3	AQEU	9.21	-4.05		
4	TQEX	0.44	-0.18		
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



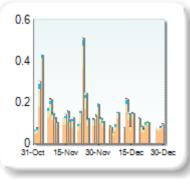
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LABORAT FARMA ROVI

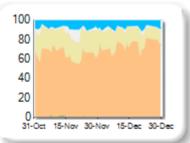
Market Share

Rank	Venue	Market Share	Change
1	XMAD	73.75%	+8.20
2	CEUX	16.66%	-6.74
3	AQEU	7.38%	+0.54
4	TQEX	1.93%	-1.48
5	BATE	0.14%	-0.33
6	CHIX	0.14%	-0.17
7	TRQX	0.00%	-0.02

Volume Trend



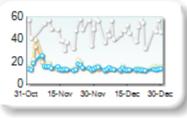
Market Share Trend



Spreads

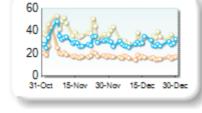
At touch					
Rank	Venue	Spread (bps)	Change		
1	XMAD	13.22	-2.37		
2	AQEU	13.31	-3.83		
3	CEUX	14.02	-3.02		
4	TQEX	47.95	-6.76		

Monthly Spread Trend





Rank	Venue	Spread (bps)	Change
1	XMAD	16.34	-3.88
2	AQEU	28.76	-2.69
3	CEUX	33.50	-9.66
Monthly	y Spread	Trend	



Current Period Comparison Period

Change

+23.1

+2.7

+3.1

 ± 0.0

15-Dec 30-Dec

Change

+438.6

+25.2

+11.8

+8.1

+2.0

Book Depths

Venue

XMAD

AOEU

CEUX

TQEX

Monthly Depth Trend

Rank

1

2

3

4

100

80

60 40

20

Rank

1

2

3

4

5

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

Monthly Depth Trend

2000

1500

1000

500

0

10BPS Depth (top of book)

Depth (1K EUR)

62.9

17.8

13.1

0.8

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K

EUR)

1,286.3

126.7

109.2

24.9

10.6

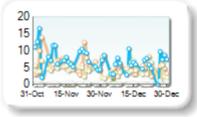
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

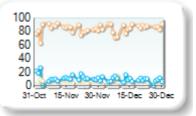
At touch					
Rank	Venue	Best Price (%)	Change		
1	AQEU	6.17	-2.82		
2	XMAD	5.05	+0.46		
3	CEUX	3.87	-1.84		
4	TQEX	0.18	-0.08		
5	BATE	0.11	+0.20		
6	CHIX	0.00	0.00		
7	TRQX	0.00	+0.00		

Best Prices Trend









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Banco de Sabadell SA

Market Share Change Rank Venue Market Share 1 XMAD 74.58% +4.36 CEUX 2 19.36% -3.44 3 AQEU 3.66% +0.054 TQEX 2.10% -0.88 5 BATE 0.20% -0.06 6 CHIX -0.02 0.10%

-0.01

0 00

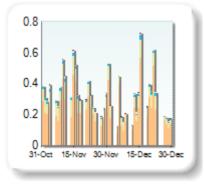
Volume Trend

TRQX

AQXE

7

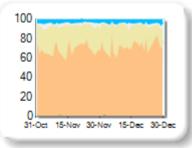
8



0.01%

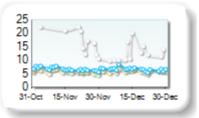
0.00%

Market Share Trend



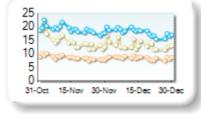
Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	5.79	+0.09		
2	XMAD	5.98	+0.17		
3	AQEU	6.63	-0.06		
4	TQEX	19.45	-6.70		
Monthly Spread Trend					



25k EUR deal					
Rank	Venue	Spread (bps)	Change		
1	XMAD	8.46	-0.17		
2	CEUX	13.29	-1.49		
3	AQEU	17.98	-1.02		
4	TQEX	57.85	n/a		

Monthly Spread Trend



Current Period Comparison Period

Change

+21.2

+8.8

+2.0

+2.8

+0.2

Change

+72.8

+13.8

+3.8

+11.4

+0.3

+0.9

Book Depths 10BPS Depth (top of book)

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

Venue

XMAD

CEUX

AQEU

TQEX

CHIX

BATE

Monthly Depth Trend

2500

2000

1500

1000 500 0

0

Depth (1K EUR)

241.4

62.8

34.8

6.8

1.0

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

Depth (1K EUR)

1,750.7

251.8

165.8

53.9

8.2

2.7

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

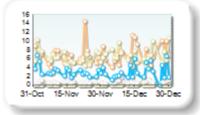
50BPS Depth (deeper into book)

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

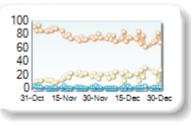
At touch					
Rank	Venue	Best Price (%)	Change		
1	XMAD	7.23	-0.12		
2	CEUX	6.81	-0.29		
3	AQEU	3.08	-0.62		
4	TQEX	0.76	-0.07		
5	BATE	0.10	+0.14		
6	CHIX	0.00	-0.01		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	74.48	-6.43		
2	CEUX	20.65	+4.85		
3	AQEU	1.60	-0.19		
4	TQEX	0.03	-0.04		
5	CHIX	0.00	+0.00		
6	TRQX	0.00	+0.00		
7	BATE	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



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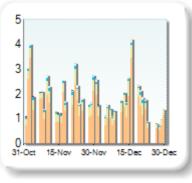
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Banco Santander SA

Market Share

Rank	Venue	Market Share	Change
1	XMAD	72.10%	-2.71
2	CEUX	20.49%	+2.25
3	TQEX	3.60%	+0.70
4	AQEU	3.46%	-0.37
5	BATE	0.25%	+0.13
6	CHIX	0.07%	-0.01
7	TRQX	0.02%	+0.01
8	AQXE	0.00%	0.00

Volume Trend



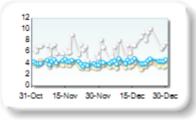
Market Share Trend

100 80 60 40 20 0. 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

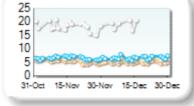
Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	CEUX	3.65	-0.06		
2	XMAD	3.87	-0.03		
3	AQEU	4.34	+0.20		
4	TQEX	7.62	+1.28		
5	BATE	340.20	-154.11		
6	CHIX	499.02	n/a		
7	TRQX	501.00	n/a		
8	AQXE	501.00	+0.47		

Monthly Spread Trend



Rank	Venue	Spread (bps)	Change
1	XMAD	4.94	-0.33
2	CEUX	6.19	-0.20
3	AQEU	6.69	+0.08
4	TQEX	30.61	+11.39
5	BATE	341.52	n/a



Current Period Comparison Period

Change

+66.7

+3.0

-6.1

-44

+0.1

Change

+18.9

-49.8

-52.7

-37.5

+3.6

+1.0

+0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

1000 800 600 400

200

Rank

1

2

3

4

5

6

7

0

31-0-+

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

AQXE

Monthly Depth Trend

3500 3000

2500

2000

1500

1000

500

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

607.2

162.1

135.7

23.5

0.4

15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,691.9

582.5

434.3

164.0

5.1

3.4

0.3

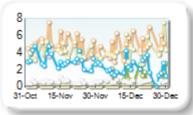
31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

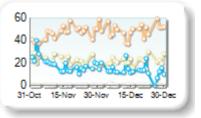
At touch					
Rank	Venue	Best Price (%)	Change		
1	XMAD	4.77	+0.76		
2	CEUX	4.19	+0.92		
3	AQEU	2.12	-1.50		
4	BATE	0.86	+0.14		
5	TQEX	0.57	+0.11		
6	CHIX	0.00	-0.01		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



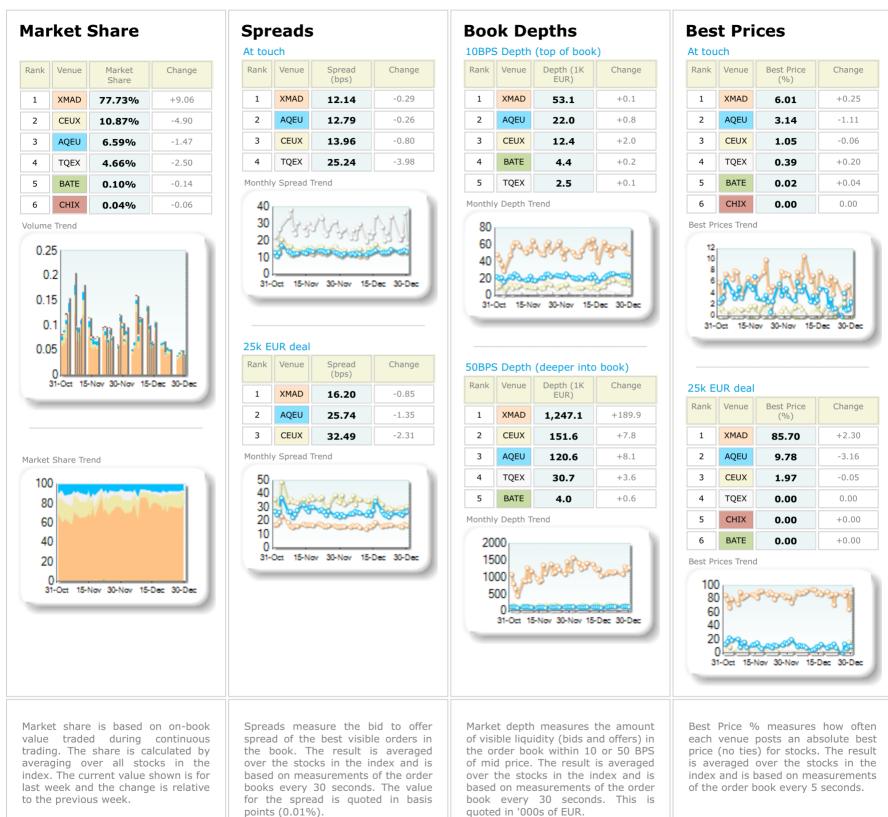
25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	49.00	+3.07		
2	CEUX	21.48	-0.67		
3	AQEU	13.59	-5.22		
4	TQEX	0.57	+0.20		
5	BATE	0.03	+0.03		
6	CHIX	0.00	0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend



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Sacyr Vallehermoso SA



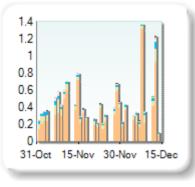
Current Period Comparison Period 01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Gamesa Corp Tecnologica SA

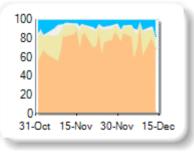
Market Share

Rank	Venue	Market Share	Change
1	XMAD	79.85%	+4.22
2	CEUX	10.87%	-3.23
3	AQEU	5.87%	-0.06
4	TQEX	2.16%	-1.67
5	XEQT	0.63%	+0.16
6	BATE	0.60%	+0.60
7	XWBO	0.00%	+0.00
8	CHIX	0.00%	0.00
9	TRQX	0.00%	-0.01
10	AQXE	0.00%	0.00

Volume Trend



Market Share Trend



SpreadsAt touchRankVenueSpread
(bps)1AQEU3.39

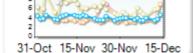
1	AQEU	3.39	-0.03
2	XMAD	3.54	+0.24
3	CEUX	4.49	+0.84
4	TQEX	13.97	+1.79
5	XEQT	101.71	-35.79
6	XWBO	108.08	-3.96
7	BATE	207.40	n/a

Change

Monthly Spread Trend



Rank	Venue	Spread (bps)	Change
1	AQEU	3.87	-0.24
2	XMAD	3.90	+0.34
3	CEUX	7.05	+0.87
4	XEQT	21.45	-34.94
5	TQEX	21.99	-5.79
6	XWBO	325.89	+12.60
Monthly	y Spread	Trend	
14 12 10			



Current Period Comparison Period

Change

-1,202.1

+235.0

+469.2

+144.2

+60.9

+3.6

Change

-2,003.8

+262.7

+439.6

+272.2

+216.8

+43.9

+3.4

+0.3

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

XEQT

Monthly Depth Trend

20000 15000

10000

5000

0

Venue

XMAD

CEUX

AQEU

BATE

TQEX

CHIX

XEQT

XWBO

Monthly Depth Trend

30000 25000

20000

10000

5000

0

Rank

1

2

3

4

5

6

Rank

1

2

3

4

5

6

7

8

10BPS Depth (top of book)

Depth (1K EUR)

6,629.8

891.1

773.5

354.4

152.3

35.7

31-Oct 15-Nov 30-Nov 15-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

15,154.3

1,851.9

1,261.4

680.6

616.6

479.2

35.7

18.0

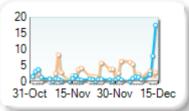
31-Oct 15-Nov 30-Nov 15-Dec

01-Dec-2022 to 14-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

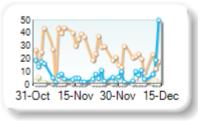
At touch				
Rank	Venue	Best Price (%)	Change	
1	AQEU	3.35	+1.37	
2	XMAD	3.14	+0.25	
3	CEUX	0.31	+0.15	
4	TQEX	0.07	-0.11	
5	BATE	0.03	+0.07	
6	CHIX	0.00	0.00	
7	TRQX	0.00	+0.00	
8	AQXE	0.00	+0.00	





25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	18.69	-10.23		
2	AQEU	11.98	+5.46		
3	CEUX	1.78	+0.09		
4	TQEX	0.32	+0.05		
5	BATE	0.04	+0.04		
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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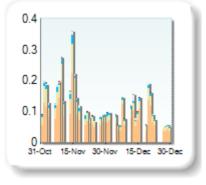
Market depth measures the amount of visible liquidity (bids and offers) in the order book within 10 or 50 BPS of mid price. The result is averaged over the stocks in the index and is based on measurements of the order book every 30 seconds. This is quoted in '000s of EUR.

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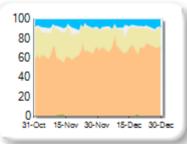
Market Share

Rank	Venue	Market Share	Change
1	XMAD	70.63%	+6.92
2	CEUX	19.22%	-6.44
3	AQEU	6.90%	+0.02
4	TQEX	3.03%	-0.23
5	BATE	0.15%	-0.16
6	CHIX	0.07%	-0.09
7	AQXE	0.00%	+0.00
8	TRQX	0.00%	-0.03

Volume Trend



Market Share Trend



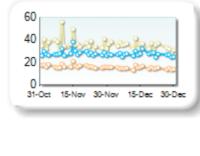
Spreads

At touch					
Rank	Venue	Spread (bps)	Change		
1	AQEU	11.33	-1.62		
2	XMAD	11.40	-0.95		
3	CEUX	12.24	-1.15		
4	TQEX	44.79	-3.55		
Monthly Spread Trend					



25k EUR deal	25k	EUR	deal	
--------------	-----	-----	------	--

Rank	Venue	Spread (bps)	Change		
1	XMAD	14.95	-1.62		
2	AQEU	27.13	-1.07		
3	CEUX	34.56	-2.41		
Monthly Spread Trend					



Current Period Comparison Period

Change

+14.2

-0.2

-0.5

+0.1

-0.1

15-Dec 30-Dec

Change

+167.2

+16.1

+0.4

+2.4

+2 0

Book Depths

Venue

XMAD

AOEU

CEUX

BATE

TQEX

Monthly Depth Trend

120

100 80

60

40

20

Rank

1

2

3

4

5

Venue

XMAD

CEUX

AQEU

TQEX

BATE

0

Rank

1

2

3

4

5

10BPS Depth (top of book)

Depth (1K EUR)

81.8

19.3

11.9

0.7

0.6

15-Nov 30-Nov

50BPS Depth (deeper into book)

Depth (1K EUR)

1,137.5

138.9

119.5

19.2

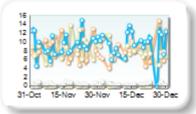
10.5

01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

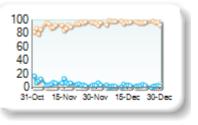
At touch					
Rank	Venue	Best Price (%)	Change		
1	AQEU	9.50	+0.75		
2	XMAD	7.86	+0.91		
3	CEUX	7.78	-0.37		
4	TQEX	0.44	+0.01		
5	BATE	0.06	+0.05		
6	CHIX	0.00	0.00		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend

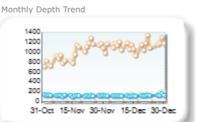


25k EUR deal					
Rank	Venue	Best Price (%)	Change		
1	XMAD	96.00	+5.07		
2	AQEU	2.83	-3.68		
3	CEUX	0.96	-1.29		
4	CHIX	0.00	+0.00		
5	TRQX	0.00	+0.00		
6	BATE	0.00	+0.00		
7	AQXE	0.00	+0.00		
8	TQEX	0.00	-0.01		

Best Prices Trend



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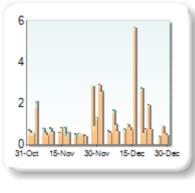


Telefonica SA

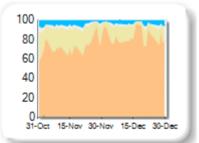
Market Share

Rank	Venue	Market Share	Change
1	XMAD	87.84%	+12.00
2	CEUX	8.25%	-8.78
3	AQEU	2.27%	-1.68
4	TQEX	1.41%	-1.25
5	BATE	0.18%	-0.14
6	CHIX	0.05%	-0.13
7	TRQX	0.00%	-0.03

Volume Trend



Market Share Trend

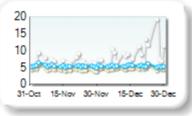


SpreadsAt touchRankVenueSpread
(bps)1CEUX4.692XMAD4.90

1	CEUX	4.69	+0.24		
2	XMAD	4.90	+0.16		
3	AQEU	5.42	+0.02		
4	TQEX	9.02	+2.28		
5	BATE	359.66	n/a		
6	AQXE	501.00	+0.00		

Change

Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change		
1	XMAD	6.43	-0.14		
2	CEUX	8.60	+0.19		
3	AQEU	8.76	-0.91		
4	TQEX	33.28	+11.59		
5	BATE	420.60	n/a		
Monthly Spread Trend					

30 25 20 15 10 5 0 31-Oct 15-Nov 30-Nov 15-Dec 30-Dec Current Period Comparison Period

Change

+34.2

-11.4

+4.2

-2.8

+0.3

+0.0

Change

+167.1

-81.1

-112.7

-102.9

+2.1

-0.4

+0.0

Book Depths

Venue

XMAD

CEUX

AQEU

TQEX

BATE

AQXE

Monthly Depth Trend

Rank

1

2

3

4

5

6

800

600

400

200

Rank

1

2

3

4

5

6

7

0

31-Oct

Venue

XMAD

CEUX

AQEU

TQEX

BATE

CHIX

AQXE

Monthly Depth Trend

10BPS Depth (top of book)

Depth (1K EUR)

442.1

91.7

89.2

21.2

0.7

0.0

15-Nov 30-Nov 15-Dec 30-Dec

50BPS Depth (deeper into book)

Depth (1K EUR)

2,849.2

445.0

335.2

139.7

4.8

2.5

0.0

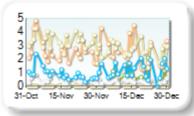
01-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

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Rank	Venue	Best Price (%)	Change		
1	CEUX	2.61	-0.42		
2	XMAD	2.56	+0.53		
3	AQEU	1.17	+0.19		
4	BATE	0.54	+0.31		
5	TQEX	0.33	-0.06		
6	CHIX	0.00	-0.01		
7	TRQX	0.00	+0.00		
8	AQXE	0.00	+0.00		

Best Prices Trend

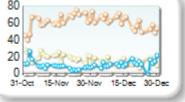


25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	60.54	-1.03			
2	CEUX	13.65	-6.44			
3	AQEU	11.45	+2.29			
4	TQEX	0.38	0.00			
5	BATE	0.02	+0.02			
6	CHIX	0.00	+0.00			
7	TRQX	0.00	+0.00			
8	AQXE	0.00	+0.00			



80

Best Prices Trend



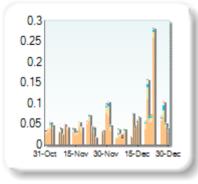
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Market Share Rank Venue Market Change

		Share	
1	XMAD	70.74%	-3.14
2	CEUX	13.96%	-2.09
3	AQEU	9.33%	+4.51
4	XEQT	3.61%	+0.81
5	TQEX	2.35%	-0.02

Volume Trend



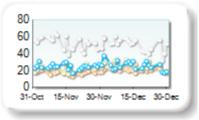
Market Share Trend



Spreads

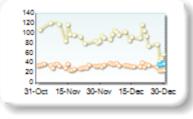
At touch					
Rank	Venue	Spread (bps)	Change		
1	XMAD	18.76	+1.72		
2	AQEU	20.05	-4.52		
3	CEUX	21.07	-1.35		
4	TQEX	44.35	-8.21		
5	XEQT	105.81	-4.26		

Monthly Spread Trend



25k EUR deal

Rank	Venue	Spread (bps)	Change			
1	XMAD	26.01	-6.14			
2	AQEU	36.75	n/a			
3 CEUX 56.18 -48.07						
Nonthly Spread Trend						



Current Period Comparison Period

Change

+29.2

+13.2

+6.6

+2 0

+0.8

15-Dec 30-Dec

Change

+242.5

+56.4

+42.5

+11.7

+1.3

Book Depths

Venue

XMAD

AOEU

CEUX

XEQT

TQEX

Monthly Depth Trend

Rank

1

2

3

4

5

80

60

40

20

0

Rank

1

2

3

4

5

31-Oct

15-Nov

Venue

XMAD

AQEU

CEUX

TQEX

XEQT

Monthly Depth Trend

1000

800

600

400

200

0

10BPS Depth (top of book)

Depth (1K EUR)

41.3

15.5

9.1

6.3

1.0

30-Nov

669.1

74.3

71.0

19.8

7.1

31-Oct 15-Nov 30-Nov 15-Dec 30-Dec

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

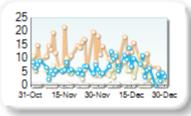
27-Dec-2022 to 31-Dec-2022 01-Nov-2022 to 30-Nov-2022

Best Prices

At	to	uc	ŀ

Actouch					
Rank	Venue	Best Price (%)	Change		
1	AQEU	3.38	-3.94		
2	XMAD	3.05	-10.06		
3	CEUX	0.79	-5.19		
4	TQEX	0.10	-0.15		
5	CHIX	0.00	+0.00		
6	BATE	0.00	+0.00		
7	AQXE	0.00	+0.00		

Best Prices Trend



25k EUR deal						
Rank	Venue	Best Price (%)	Change			
1	XMAD	88.25	-10.58			
2	AQEU	9.53	+9.49			
3	CEUX	2.11	+1.14			
4	CHIX	0.00	+0.00			
5	BATE	0.00	+0.00			

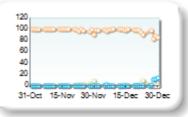
Best Prices Trend

AQXE

TQEX

6

7



0.00

0.00

+0.00

-0.01

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