

December 2022 – Including Quarterly Analysis

FTSE Mondo Visione

Exchanges Index Monthly Analysis

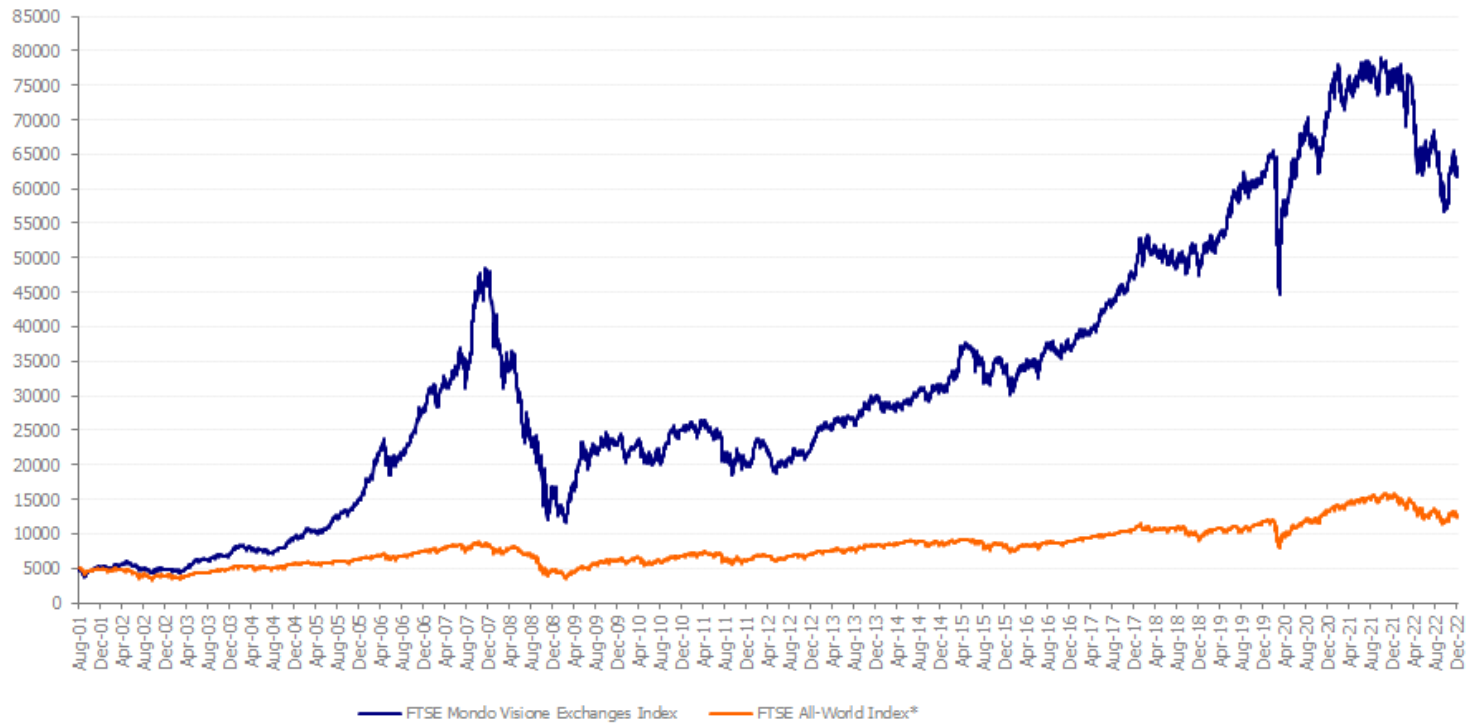


The FTSE Mondo Visione Exchanges Index is a comprehensive measure of all publicly traded stock exchanges and trading floors:

Aquis Exchange
ASX
B3 SA
Bolsa de Comercio Santiago
Bolsa Mexicana de Valores SA
Bursa Kuwait Securities
BSE
Bulgarian Stock Exchange - Sofia
Bursa de Valori Bucuresti SA
Bursa Malaysia
Cboe Global Markets
CME Group
Dar es Salaam Stock Exchange PLC
Deutsche Bourse
Dubai Financial Market
Euronext
Hellenic Exchanges SA

Hong Kong Exchanges and Clearing Ltd
Intercontinental Exchange
Japan Exchange Group
Johannesburg Stock Exchange Ltd
London Stock Exchange Group
Multi Commodity Exchange of India
Nairobi Securities Exchange
Nasdaq
Nigerian Exchange Group
NZX Ltd
Philippine Stock Exchange
Saudi Tadawul Group
Singapore Exchange Ltd
Tel Aviv Stock Exchange
TMX Group
Warsaw Stock Exchange
Zagrebacka Burza dd

FTSE MONDO VISIONE EXCHANGES INDEX AND THE FTSE ALL-WORLD INDEX PERFORMANCE SINCE 17 AUGUST 2001 (USD CAPITAL RETURN)



* FTSE All-World Index rebased to 5000 on 17 August 2001

Source: FTSE Group, data as at 30 December 2022

INDEX VALUE

	Index Value
30/12/2022	62602.31
30/11/2022	64478.9
Closing all-time high - 19 October 2021	78934.8

Source: FTSE Group, data as at 30 December 2022

PERFORMANCE

	Capital Return
YTD (USD%)	-19.1
1M (USD%)	-2.9
12M (USD%)	-19.1

Source: FTSE Group, data as at 30 December 2022

CONSTITUENT MARKET CAPITALISATION AND CAPITAL RETURN RANKED BY 1 MONTH PERFORMANCE (USD TERMS)

Constituent Name	Country	Net Market Cap (USDm)	1M Performance (%)	YTD Performance (%)	12M Performance (%)
Hong Kong Exchanges & Clearing	Hong Kong	54,775	10.2	-26	-26
S.C. Bursa de Valori Bucuresti S.A.	Romania	61	9.9	29.9	29.9
Dar es Salaam Stock Exchange PLC	United Republic Of Tanzania	10	6.3	25.2	25.2
JSE	South Africa	530	5.6	-8.4	-8.4
Saudi Tadawul Group	Saudi Arabia	2,312	5.3	43.7	43.7
Bolsa de Comercio Santiago	Chile	86	5.2	-	-
Hellenic Exchanges SA	Greece	180	3.7	-21.6	-21.6
Warsaw Stock Exchange	Poland	218	3.7	-21.2	-21.2
Philippine Stock Exchange	Philippines	93	3.5	-32.8	-32.8
B3 SA	Brazil	15,181	3.4	25.1	25.1
Zagrebacka Burza dd	Croatia	5	3.1	7.7	7.7
Japan Exchange Group	Japan	7,587	1.6	-33.8	-33.8
Bulgarian Stock Exchange	Bulgaria	16	1.4	-6.7	-6.7
Singapore Exchange	Singapore	5,465	1	-3.3	-3.3
NZX Ltd	New Zealand	229	0.2	-37.1	-37.1
Cboe Global Markets	USA	13,256	-1.1	-3.8	-3.8
Nigerian Exchange Group	Nigeria	105	-1.3	13	13
Bolsa Mexicana de Valores SAB de CV	Mexico	906	-1.3	1.5	1.5
Euronext	France	5,988	-1.4	-28.9	-28.9
Nairobi Securities Exchange	Kenya	14	-1.9	-17.3	-17.3
Multi Commodity Exchange of India	India	373	-2.1	-11.8	-11.8
ASX	Australia	8,924	-2.3	-31.7	-31.7
Bursa Malaysia	Malaysia	783	-2.7	-4	-4
TMX Group Limited	Canada	5,530	-3.9	-1.5	-1.5
CME Group	USA	60,242	-4.7	-26.4	-26.4
Deutsche Boerse	Germany	31,629	-4.9	3	3
Intercontinental Exchange	USA	56,546	-5.3	-25	-25
BSE	India	437	-7.1	-23.4	-23.4
Dubai Financial Market	United Arab Emirates	664	-7.4	-46.8	-46.8
Tel Aviv Stock Exchange	Israel	483	-9.9	10.3	10.3
Nasdaq	USA	21,052	-10.4	-12.4	-12.4
Aquis Exchange	United Kingdom	96	-10.7	-46.4	-46.4
Boursa Kuwait Securities	Kuwait	666	-11	0.3	0.3
London Stock Exchange Group	United Kingdom	31,399	-12.6	-8.5	-8.5

Source: FTSE Group, data as at 30 December 2022

CONSTITUENT CAPITAL RETURNS RANKED BY 1 MONTH PERFORMANCE (LOCAL CURRENCY TERMS)

Constituent Name	Country	Currency	1M Performance (%)	YTD Performance (%)	12M Performance (%)
Hong Kong Exchanges & Clearing	Hong Kong	HKD	10.2	-26	-26
S.C. Bursa de Valori Bucuresti S.A.	Romania	RON	6.3	38.4	38.4
Dar es Salaam Stock Exchange PLC	United Republic Of Tanzania	TZS	6.3	26.9	26.9
JSE	South Africa	ZAR	5.7	-2.3	-2.3
Saudi Tadawul Group	Saudi Arabia	SAR	5.2	43.9	43.9
B3 SA	Brazil	BRL	3.8	18.6	18.6
Nigerian Exchange Group	Nigeria	NGN	2.5	25.9	25.9
Philippine Stock Exchange	Philippines	PHP	1.9	-26.5	-26.5
Warsaw Stock Exchange	Poland	PLN	0.2	-14.2	-14.2
Hellenic Exchanges SA	Greece	EUR	0	-16.4	-16.4
Bolsa de Comercio Santiago	Chile	CLP	0	-	-
Multi Commodity Exchange of India	India	INR	-0.5	-1.8	-1.8
Zagrebacka Burza dd	Croatia	HRK	-0.7	15	15
Bolsa Mexicana de Valores SAB de CV	Mexico	MXN	-0.8	-3.3	-3.3
Cboe Global Markets	USA	USD	-1.1	-3.8	-3.8
Singapore Exchange	Singapore	SGD	-1.1	-3.8	-3.8
Nairobi Securities Exchange	Kenya	KES	-1.2	-9.8	-9.8
NZX Ltd	New Zealand	NZD	-1.6	-31.9	-31.9
Bulgarian Stock Exchange	Bulgaria	BGN	-2.2	-0.6	-0.6
ASX	Australia	AUD	-3.5	-26.8	-26.8
Bursa Malaysia	Malaysia	MYR	-3.6	1.5	1.5
Japan Exchange Group	Japan	JPY	-3.9	-24.2	-24.2
TMX Group Limited	Canada	CAD	-3.9	5.7	5.7
CME Group	USA	USD	-4.7	-26.4	-26.4
Euronext	France	EUR	-4.9	-24.2	-24.2
Intercontinental Exchange	USA	USD	-5.3	-25	-25
BSE	India	INR	-5.6	-14.8	-14.8
Dubai Financial Market	United Arab Emirates	AED	-7.4	-46.8	-46.8
Tel Aviv Stock Exchange	Israel	ILX	-7.8	25.1	25.1
Deutsche Boerse	Germany	EUR	-8.2	9.7	9.7
Nasdaq	USA	USD	-10.4	-12.4	-12.4
Boursa Kuwait Securities	Kuwait	KWF	-11.6	1.6	1.6
Aquis Exchange	United Kingdom	PNC	-11.6	-39.7	-39.7
London Stock Exchange Group	United Kingdom	PNC	-13.5	3	3

Source: FTSE Group, data as at 30 December 2022

FTSE MONDO VISIONE EXCHANGES INDEX AND CONSTITUENT PERFORMANCE TABLE (USD CAPITAL RETURN)

	1M (%)	3M (%)	6M (%)	YTD (%)	12M (%)	3YR (%)	5YR (%)	Since 17 August 2001 (%)
FTSE/MV Exchanges Index	-2.9	7.1	-3.8	-19.1	-19.1	1.1	31.8	1152.0
Aquis Exchange	-10.7	38.8	0.4	-46.4	-46.4	-14.2	-	-
ASX	-2.3	0.0	-17.9	-31.7	-31.7	-16.3	9.1	597.3
B3 SA	3.4	3.7	19.4	25.1	25.1	-29.7	9.3	-
Bolsa de Comercio Santiago	5.2	12.4	-	-	-	-	-	-
Bolsa Mexicana de Valores SAB de CV	-1.3	15.2	9.1	1.5	1.5	-11.8	11.6	-
Boursa Kuwait Securities	-11.0	0.0	-14.0	0.3	0.3	-	-	-
BSE	-7.1	-11.6	-12.9	-23.4	-23.4	181.3	38.7	-
Bulgarian Stock Exchange	1.4	9.6	-13.0	-6.7	-6.7	76.6	48.4	-
Bursa Malaysia	-2.7	12.7	0.4	-4.0	-4.0	2.3	-7.7	-
Cboe Global Markets	-1.1	6.9	10.8	-3.8	-3.8	4.6	0.7	-
CME Group	-4.7	-5.1	-17.9	-26.4	-26.4	-16.2	15.1	-
Dar es Salaam Stock Exchange PLC	6.3	-6.7	-13.3	25.2	25.2	-	-	-
Deutsche Boerse	-4.9	4.5	3.2	3.0	3.0	9.5	48.2	860.8
Dubai Financial Market	-7.4	1.4	-9.0	-46.8	-46.8	55.7	34.8	-
Euronext	-1.4	15.7	-9.4	-28.9	-28.9	-0.9	30.0	-
Hellenic Exchanges SA	3.7	11.3	0.5	-21.6	-21.6	-33.3	-41.9	-22.4
Hong Kong Exchanges & Clearing	10.2	25.8	-12.2	-26.0	-26.0	33.1	40.8	2975.0
Intercontinental Exchange	-5.3	13.5	9.1	-25.0	-25.0	10.8	45.4	-
Japan Exchange Group	1.6	6.6	-0.2	-33.8	-33.8	-18.2	-16.6	-
JSE	5.6	13.3	3.9	-8.4	-8.4	-23.7	-46.9	-
London Stock Exchange Group	-12.6	0.8	-7.4	-8.5	-8.5	-16.4	67.3	1654.7
Multi Commodity Exchange of India	-2.1	25.4	13.4	-11.8	-11.8	14.8	31.5	-
Nairobi Securities Exchange	-1.9	-10.1	-9.0	-17.3	-17.3	-49.0	-66.9	-
Nasdaq	-10.4	8.2	20.7	-12.4	-12.4	71.8	139.6	-
Nigerian Exchange Group	-1.3	18.4	-1.9	13.0	13.0	-	-	-
NZX Ltd	0.2	12.7	0.1	-37.1	-37.1	-15.1	-0.8	-
Philippine Stock Exchange	3.5	4.7	-15.7	-32.8	-32.8	-17.9	-41.0	-
S.C. Bursa de Valori Bucuresti S.A.	9.9	19.1	28.7	29.9	29.9	25.8	7.3	-
Saudi Tadawul Group	5.3	-10.2	-4.4	43.7	43.7	-	-	-
Singapore Exchange	1.0	1.2	-1.8	-3.3	-3.3	1.3	19.9	1281.6
Tel Aviv Stock Exchange	-9.9	14.7	31.3	10.3	10.3	75.7	-	-
TMX Group Limited	-3.9	8.2	-1.5	-1.5	-1.5	15.3	77.9	-
Warsaw Stock Exchange	3.7	22.0	-3.1	-21.2	-21.2	-22.0	-40.1	-
Zagrebacka Burza dd	3.1	25.1	22.5	7.7	7.7	-18.5	-	-

Source: FTSE Group, data as at 30 December 2022

PERFORMANCE OF QUARTER AGAINST PREVIOUS QUARTER (USD CAPITAL RETURN)

Constituent Name	Q4 2022 Performance (%)	Q3 2022 Performance (%)
FTSE/ MV Exchanges Index	7.1	-10.2
FTSE All-World Index	9.6	-7.3
Aquis Exchange	38.8	-27.7
ASX	0.0	-17.9
B3 SA	3.7	15.1
Bolsa de Comercio Santiago	12.4	-
Bolsa Mexicana de Valores SAB de CV	15.2	-5.3
Boursa Kuwait Securities	0.0	-14.0
BSE	-11.6	-1.5
Bulgarian Stock Exchange	9.6	-20.6
Bursa Malaysia	12.7	-11.0
Cboe Global Markets	6.9	3.7
CME Group	-5.1	-13.5
Dar es Salaam Stock Exchange PLC	-6.7	-7.1
Deutsche Boerse	4.5	-1.2
Dubai Financial Market	1.4	-10.2
Euronext	15.7	-21.7
Hellenic Exchanges SA	11.3	-9.7
Hong Kong Exchanges & Clearing	25.8	-30.2
Intercontinental Exchange	13.5	-3.9
Japan Exchange Group	6.6	-6.4
JSE	13.3	-8.3
London Stock Exchange Group	0.8	-8.1
Multi Commodity Exchange of India	25.4	-9.5
Nairobi Securities Exchange	-10.1	1.2
Nasdaq	8.2	11.5
Nigerian Exchange Group	18.4	-17.1
NZX Ltd	12.7	-11.2
Philippine Stock Exchange	4.7	-19.5
S.C. Bursa de Valori Bucuresti S.A.	19.1	8.0
Saudi Tadawul Group	-10.2	6.4
Singapore Exchange	1.2	-3.0
Tel Aviv Stock Exchange	14.7	14.5
TMX Group Limited	8.2	-8.9
Warsaw Stock Exchange	22	-20.6
Zagrebacka Burza dd	25.1	-2.1

Source: FTSE Group, data as at 30 December 2022

PERFORMANCE OF QUARTER AGAINST QUARTER FOR PREVIOUS YEAR (USD CAPITAL RETURN)

Constituent Name	Q4 2022 Performance (%)	Q4 2021 Performance (%)
FTSE/MV Exchanges Index	7.1	4.9
FTSE All-World Index	9.6	6.3
Aquis Exchange	38.8	-7.6
ASX	0.0	15.4
B3 SA	3.7	-14.5
Bolsa de Comercio Santiago	12.4	-
Bolsa Mexicana de Valores SAB de CV	15.2	-1.6
Boursa Kuwait Securities	0.0	9.2
BSE	-11.6	55.6
Bulgarian Stock Exchange	9.6	-4.0
Bursa Malaysia	12.7	-10.8
Cboe Global Markets	6.9	5.3
CME Group	-5.1	18.1
Dar es Salaam Stock Exchange PLC	-6.7	11.8
Deutsche Boerse	4.5	2.7
Dubai Financial Market	1.4	173.1
Euronext	15.7	-8.4
Hellenic Exchanges SA	11.3	4.9
Hong Kong Exchanges & Clearing	25.8	-5.2
Intercontinental Exchange	13.5	19.1
Japan Exchange Group	6.6	-12.1
JSE	13.3	1.0
London Stock Exchange Group	0.8	-6.6
Multi Commodity Exchange of India	25.4	-4.7
Nairobi Securities Exchange	-10.1	-12.6
Nasdaq	8.2	8.8
Nigerian Exchange Group	18.4	-
NZX Ltd	12.7	5.7
Philippine Stock Exchange	4.7	-4.4
S.C. Bursa de Valori Bucuresti S.A.	19.1	0.1
Saudi Tadawul Group	-10.2	-
Singapore Exchange	1.2	-6.2
Tel Aviv Stock Exchange	14.7	1.4
TMX Group Limited	8.2	-5.8
Warsaw Stock Exchange	22	-1.7
Zagrebacka Burza dd	25.1	-12.5

Source: FTSE Group, data as at 30 December 2022

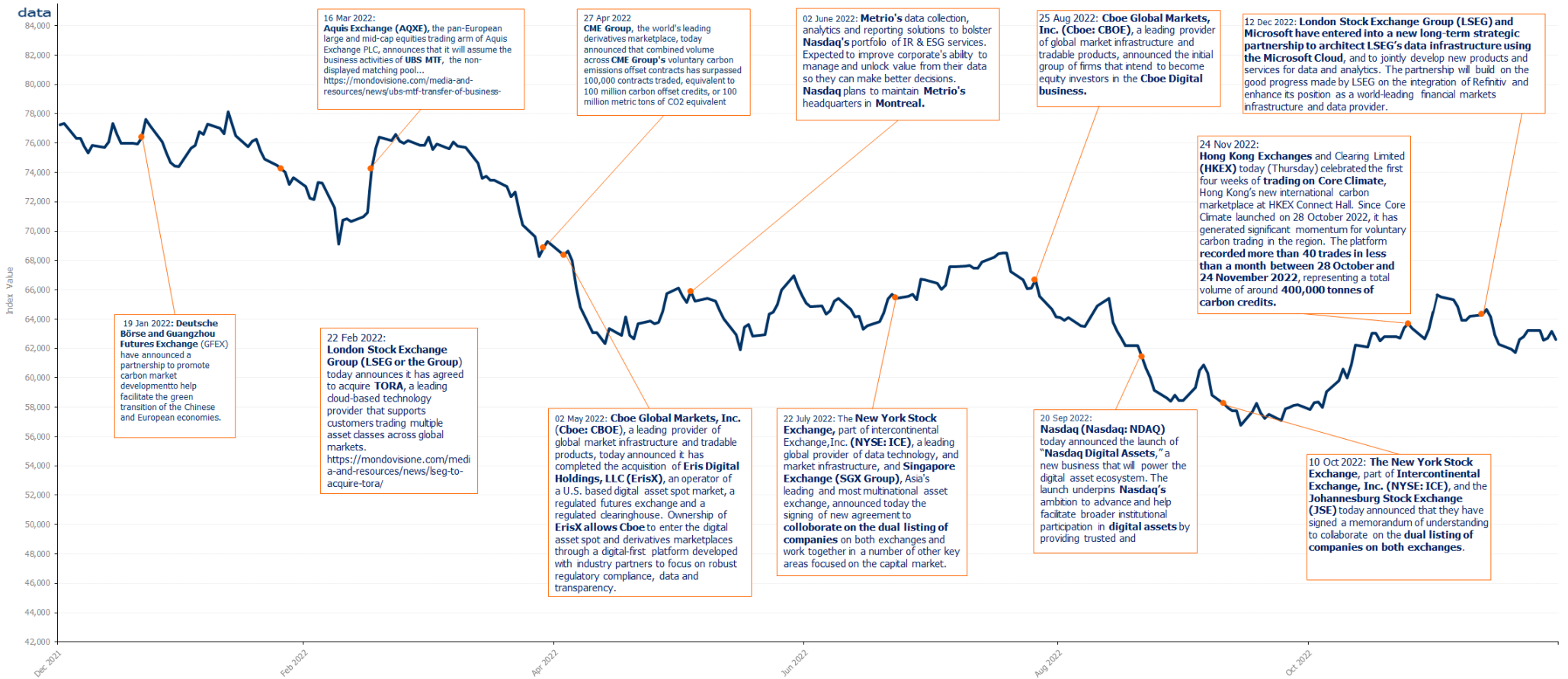
Column Chart Data 1 Year Performance (USD Capital Return)

Constituents	1 Year Performance
Aquis Exchange	-46.4
ASX	-31.7
B3 SA	25.1
Bolsa de Comercio Santiago	-
Bolsa Mexicana de Valores SAB de CV	1.5
Boursa Kuwait Securities	0.3
BSE	-23.4
Bulgarian Stock Exchange	-6.7
Bursa Malaysia	-4.0
Cboe Global Markets	-3.8
CME Group	-26.4
Dar es Salaam Stock Exchange PLC	25.2
Deutsche Boerse	3.0
Dubai Financial Market	-46.8
Euronext	-28.9
Hellenic Exchanges SA	-21.6
Hong Kong Exchanges & Clearing	-26.0
Intercontinental Exchange	-25.0
Japan Exchange Group	-33.8
JSE	-8.4
London Stock Exchange Group	-8.5
Multi Commodity Exchange of India	-11.8
Nairobi Securities Exchange	-17.3
Nasdaq	-12.4
Nigerian Exchange Group	13.0
NZX Ltd	-37.1
Philippine Stock Exchange	-32.8
S.C. Bursa de Valori Bucuresti S.A.	29.9
Saudi Tadawul Group	43.7
Singapore Exchange	-3.3
Tel Aviv Stock Exchange	10.3
TMX Group Limited	-1.5
Warsaw Stock Exchange	-21.2
Zagrebacka Burza dd	7.7

Source: FTSE Group, data as at 30 December 2022

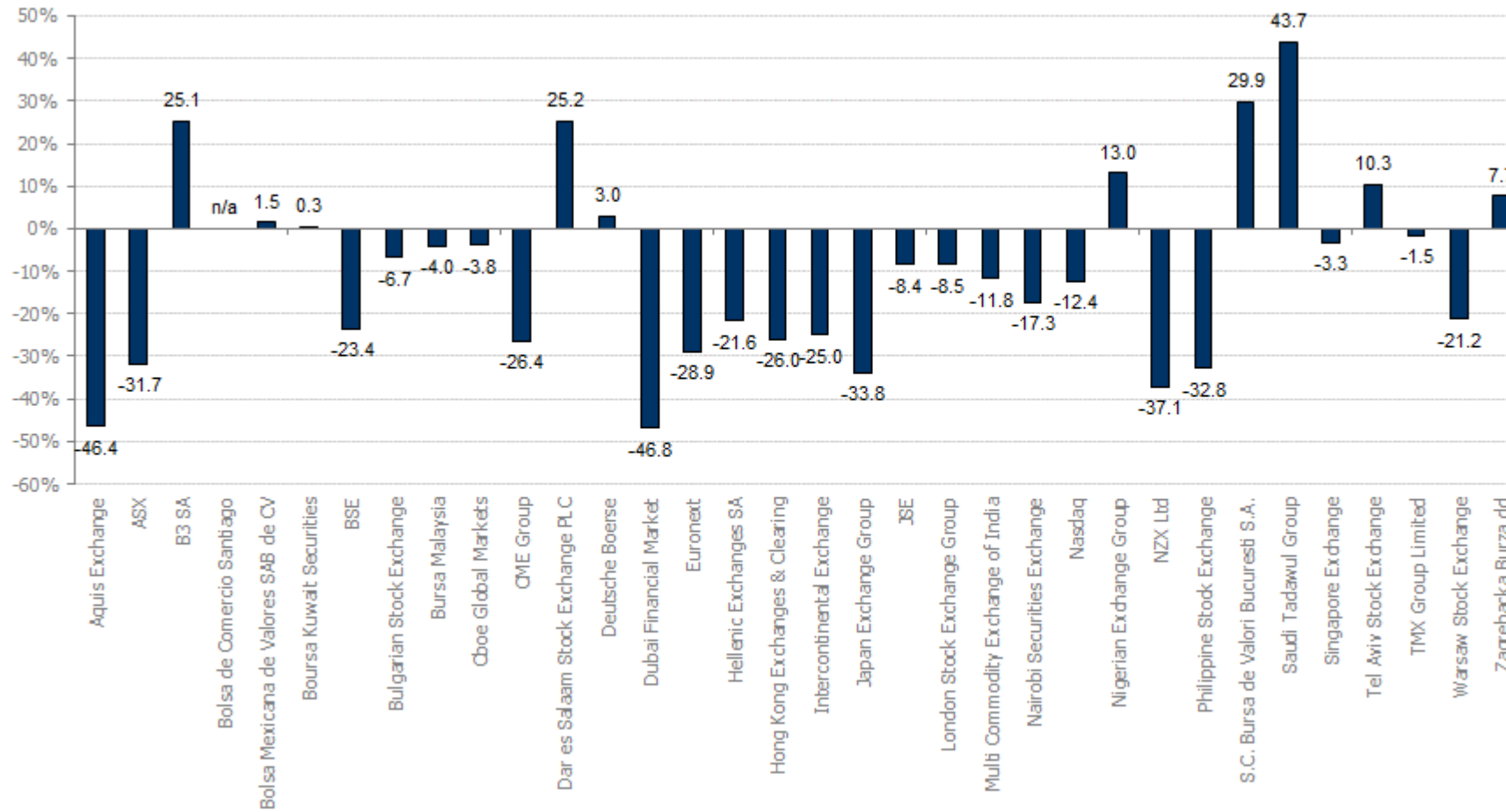
Constituents	1 Year Excess Capital Returns
Aquis Exchange	-27.3
ASX	-12.6
B3 SA	44.2
Bolsa de Comercio Santiago	-
Bolsa Mexicana de Valores SAB de CV	20.6
Boursa Kuwait Securities	19.4
BSE	-4.3
Bulgarian Stock Exchange	12.4
Bursa Malaysia	15.1
Cboe Global Markets	15.3
CME Group	-7.3
Dar es Salaam Stock Exchange PLC	44.3
Deutsche Boerse	22.1
Dubai Financial Market	-27.7
Euronext	-9.8
Hellenic Exchanges SA	-2.5
Hong Kong Exchanges & Clearing	-6.9
Intercontinental Exchange	-5.9
Japan Exchange Group	-14.7
JSE	10.7
London Stock Exchange Group	10.6
Multi Commodity Exchange of India	7.3
Nairobi Securities Exchange	1.8
Nasdaq	6.7
Nigerian Exchange Group	32.1
NZX Ltd	-18.0
Philippine Stock Exchange	-13.7
S.C. Bursa de Valori Bucuresti S.A.	49.0
Saudi Tadawul Group	62.8
Singapore Exchange	15.8
Tel Aviv Stock Exchange	29.4
TMX Group Limited	17.6
Warsaw Stock Exchange	-2.1
Zagrebacka Burza dd	26.8

PERFORMANCE CHART OF THE FTSE MONDO VISIONE EXCHANGES INDEX (USD CAPITAL RETURN)



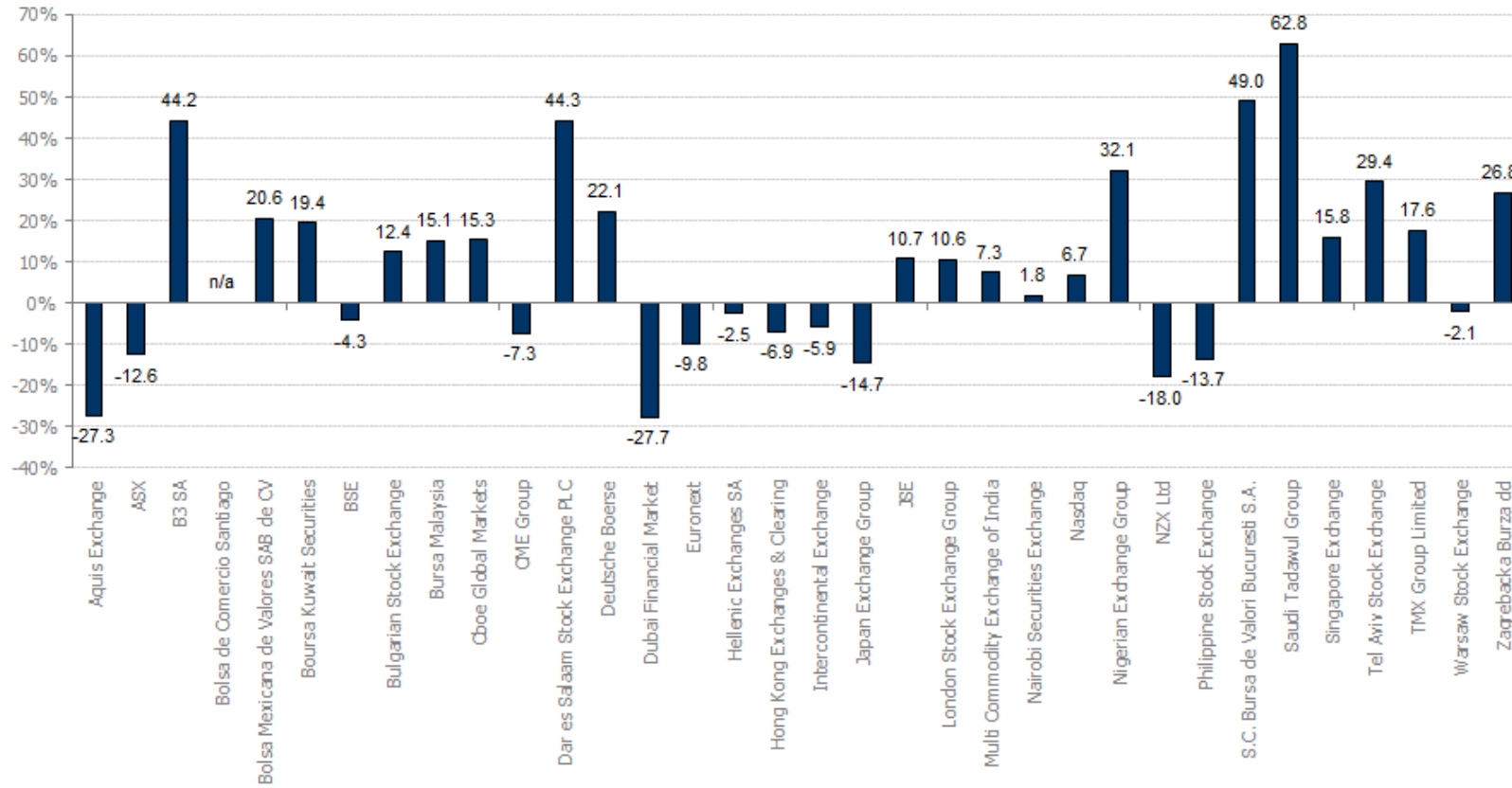
Source: FTSE Group, data as at 30 December 2022

1 YEAR CONSTITUENT PERFORMANCE (USD CAPITAL RETURN)



Source: FTSE Group and Thomson Datastream, data as at 30 December 2022

1 YEAR EXCESS CAPITAL RETURNS AGAINST THE FTSE MONDO VISIONE EXCHANGES INDEX (USD CAPITAL RETURN)



Source: FTSE Group and Thomson Datastream, data as at 30 December 2022

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