

EUREX Architects of trusted markets



Asian Trading Hours

July 2024

European Market Review

“European investor sentiment fell in July due to political and geopolitical concerns, dragging the STOXX Europe 600 down as well. The market decline was exacerbated by low holiday trading volumes, with only the Tech and Industrials sectors maintaining higher-than-average volumes compared to the past year. On a positive note, asset dispersion increased, providing stock pickers with a wider range of opportunities, as over 50% of the index constituents participated in weekly rallies throughout July. This broader market breadth was accompanied by higher demand for small-cap stocks, which outperformed large caps during the month. Despite this, investors remained cautious, favouring low P/E, value stocks with above-average dividend yields. The Bank of England's decision to cut interest rates—the first major central bank to do so after having been the first to raise them three years ago—was insufficient to offset the rising geopolitical uncertainty. Consequently, investors are likely to avoid risk assets in the near term and seek safety in the defensive segments of the market.”

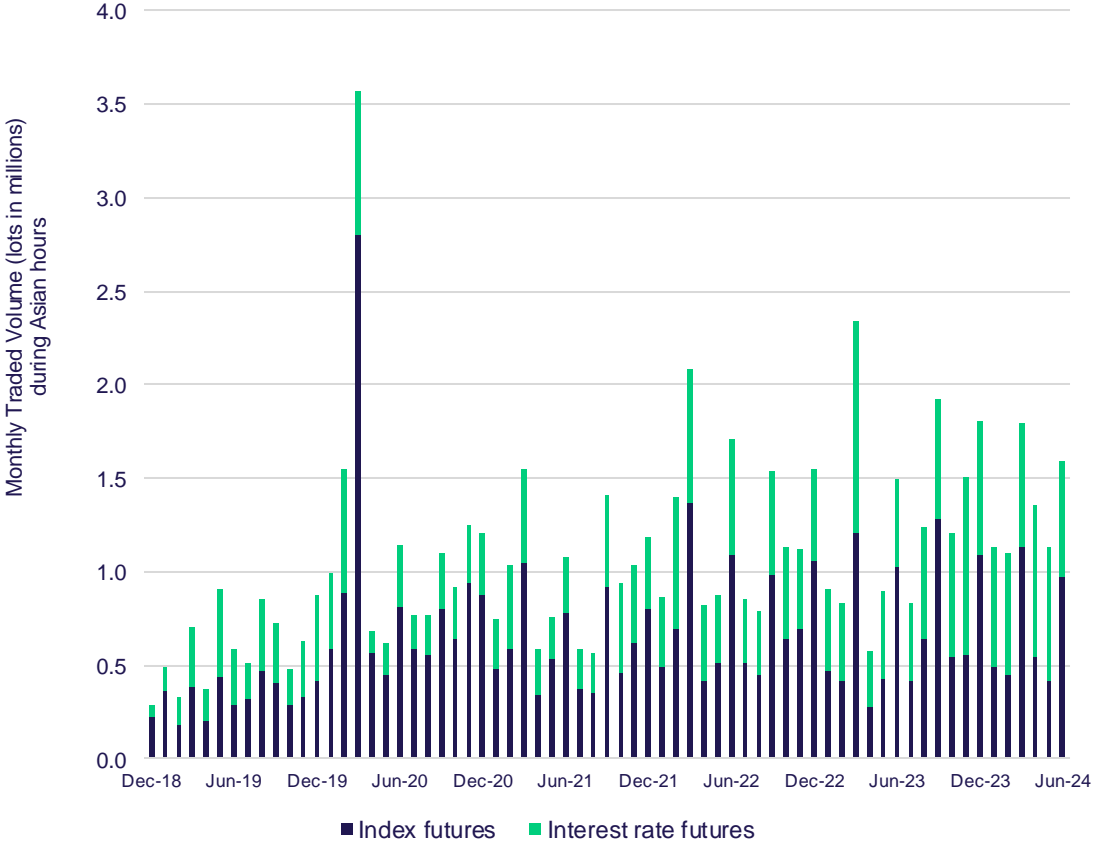
Olivier D'Assier, 31 July 2024
Head of Applied Research – APAC, Qontigo



Trade Europe around-the-clock

Trading during the Asian hours has developed steadily over the years, with strong monthly volume growth with improved orderbook liquidity

Monthly traded volume development



Extended trading hours for select liquid futures



Since extension in December 2018, the market had witnessed multiple risk events and defining moments, such as the COVID-19 pandemic, Russian-Ukraine conflict, interest rate hikes, and more recently, the banking crisis. Through and through, the Asian hours remained robust and provided investors access to liquidity to meet hedging needs.

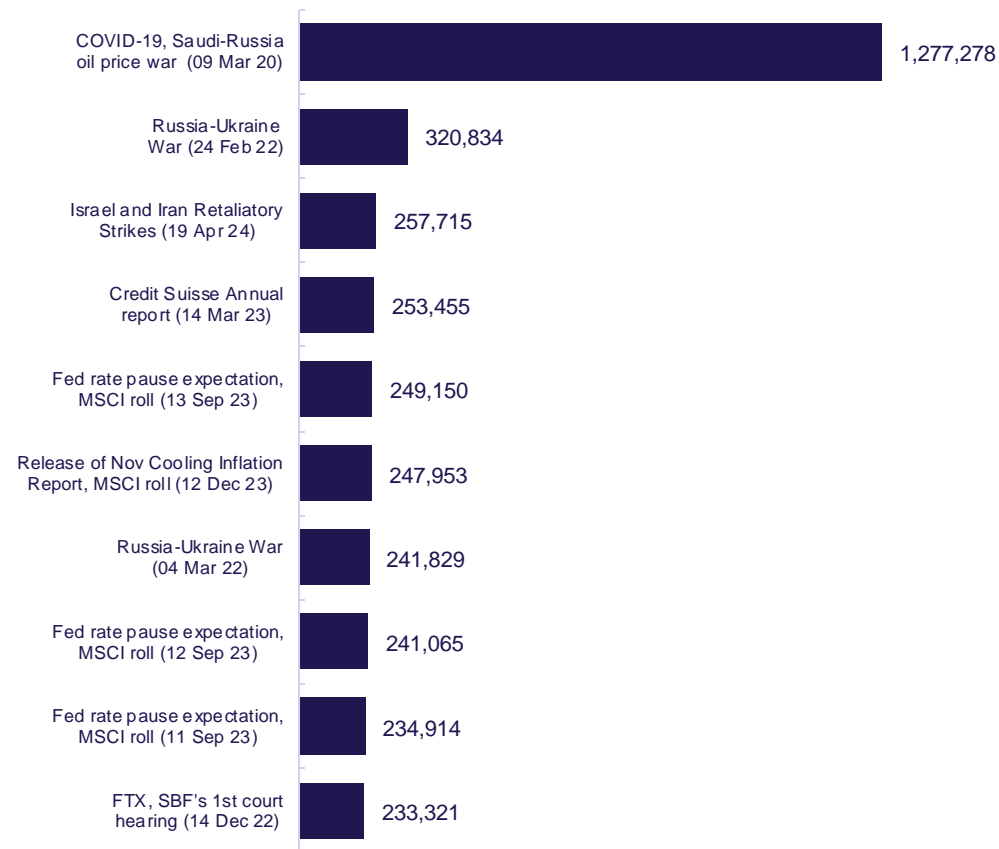
Data updated on 31 July 2024

Broad range of futures available during the Asian hours

Trade Europe and Global exposure at your convenience

Index Futures	
<p>European Benchmark</p> <p>EURO STOXX 50®, DAX®, STOXX® Europe 600, EURO STOXX® Banks</p> <p>Mini-DAX® and Micros (DAX®, EURO STOXX 50®)</p> <p>VSTOXX® Futures</p>	<p>MSCI Global Benchmark</p> <p>162 single countries and regional index futures (30 Asian underlying futures)</p> <p>17 ESG Index futures 11 Factors futures</p> <p>3 MSCI Total Return futures (TRFs)</p> <p>STOXX Semiconductor 30 Global Index</p>
Interest Rate Futures	Cryptocurrency Futures
<p>German Government Bonds</p> <p>Euro-Bund, Euro-Bobl, Euro-Schatz, Euro-Buxl®</p> <p>French Government Bond Euro-OAT</p>	<p>Bitcoin Index</p> <p>FTSE BTC Index (USD), FTSE BTC Index (EUR)</p>

Top 10 Trading Days By Volume



Asian hours in an overview

Trading started strongly at Asian opening and remained active through the main session

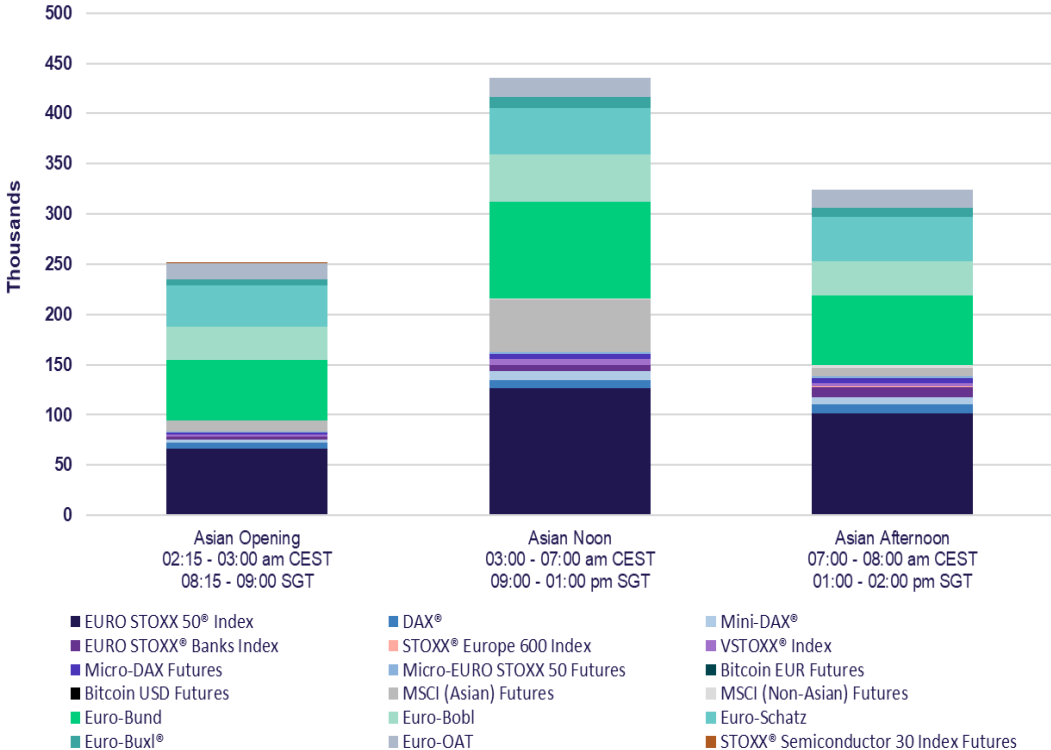
Total volume during Extended trading hours **9,124,031** contracts traded in 2024

Trading participation-Account Roles 2024 **44%** on Agency
56% on Principal and Market Making

Over 215 direct members have contributed to the liquidity during Asian hours in 2024.

High agency participation highlights strong end-client flow

Accumulated Hourly Traded Volumes by Products (Jul 2024) -
Eurex Asian Hours
02:15 AM CEST to 08:00 AM CEST
08:15 AM SGT to 02:00 PM SGT



Monthly Data from: 1 July 2024 – 31 July 2024

Most liquid and definitive European futures at your fingertip

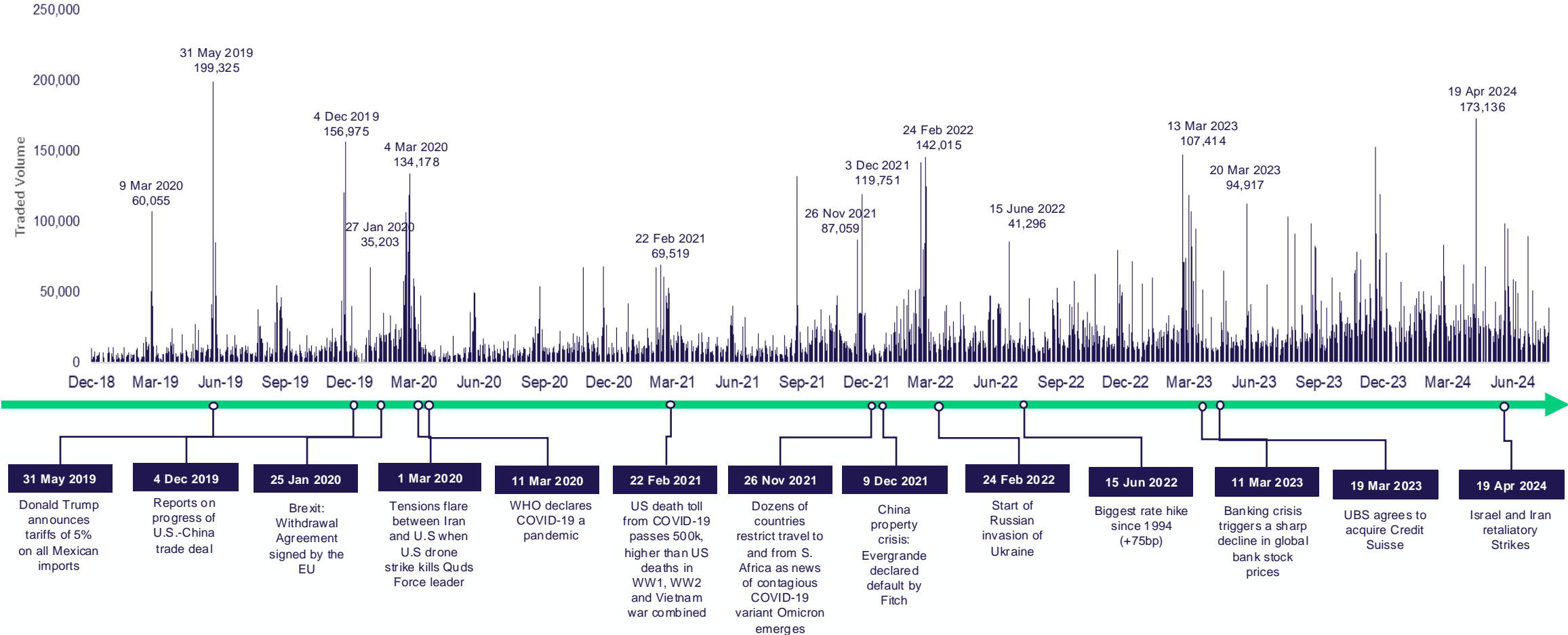
Eurex offers the most comprehensive European futures suite, available during Asian hours

Underlying	Currency	Futures	Bloomberg Code	Notional Volume YTD (Asian Hours)	2024 ADV (Asian Hours, lots)	2024 ADV (Whole day, lots)	Latest Month-End Notional OI
EURO STOXX 50® Index Top 50 Eurozone stocks by free-float market cap	EUR	FESX	VGA Index	202,423,231,476	13,940	835,650	112,923,599,900
Micro-EURO STOXX 50® Index Futures Based on the EURO STOXX 50® Index, with a multiplier of 1	EUR	FSXE	MTZA Index	212,495,290	147	1,352	20,432,110
EURO STOXX® Banks Sector Index Top Eurozone banks sector stocks out of EURO STOXX Index	EUR	FESB	CAA Index	1,153,428,340	580	217,563	6,095,758,853
VSTOXX® Volatility Index Volatility index based on EURO STOXX 50® real-time options prices	EUR	FVS	FVSA Index	157,046,552	339	60,545	283,044,360
STOXX Europe 600® Index 600 large, mid and small capitalization companies across the European region	EUR	FXXP	SXOA Index	1,296,282,790	173	94,912	11,940,850,435
DAX® Index Top 40 German stocks by free-float market cap	EUR	FDAX	GXA Index	162,159,004,796	1,215	48,682	21,689,966,850
Mini-DAX® Index Futures Based on the DAX® Index, with a multiplier of 5	EUR	FDXM	DFWA Index	32,880,134,638	1,226	34,455	561,401,310
Micro-DAX® Index Futures Based on the DAX® Index, with a multiplier of 1	EUR	FDXS	MZSA Index	2,942,130,042	547	22,572	78,198,942
Long-Term German Bonds, Euro-Bund Notional bond issued by the Fed. Rep. of Germany; tenor: 8.5-10.5 years, 6% coupon	EUR	FGBL	RXA Comdty	449,140,836,460	11,393	1,041,311	145,815,206,010
Medium-term German Bonds, Euro-Bobl Notional bond issued by the Fed. Rep. of Germany; tenor: 4.5-5.5 years, 6% coupon	EUR	FGBM	OEA Comdty	263,433,184,520	7,553	815,354	135,829,856,600
Short-term German Bonds, Euro-Schatz Notional bond issued by the Fed. Rep. of Germany; tenor: 1.75-2.25 years, 6% coupon	EUR	FGBS	DUA Comdty	283,302,237,990	9,008	717,721	230,655,460,240
Extra Long-Term German Bonds, Euro-Buxl® Notional bond issued by the Fed. Rep. of Germany; tenor: 24.0-35.0 years, 4% coupon	EUR	FGBX	UBA Comdty	47,764,111,680	1,211	128,307	24,524,163,460
Long-term French Bonds, Euro-OAT Notional bond issued by the French Republic; tenor: 8.5-10.5 years, 6% coupon	EUR	FOAT	OATA Comdty	82,467,349,160	2,190	246,008	61,502,343,880
STOXX Semiconductor 30 Index Top 30 semiconductor companies	USD	FSSE	FEOA Index	3,890,990	1	1	1,733,280

Data updated on 31 July 2024
FSSE ADV was calculated based on product release date on 18 March 2024

Interest rate trading during Asian hours

Trading opportunities during Asian hours to hedge interest rate risks during macro events

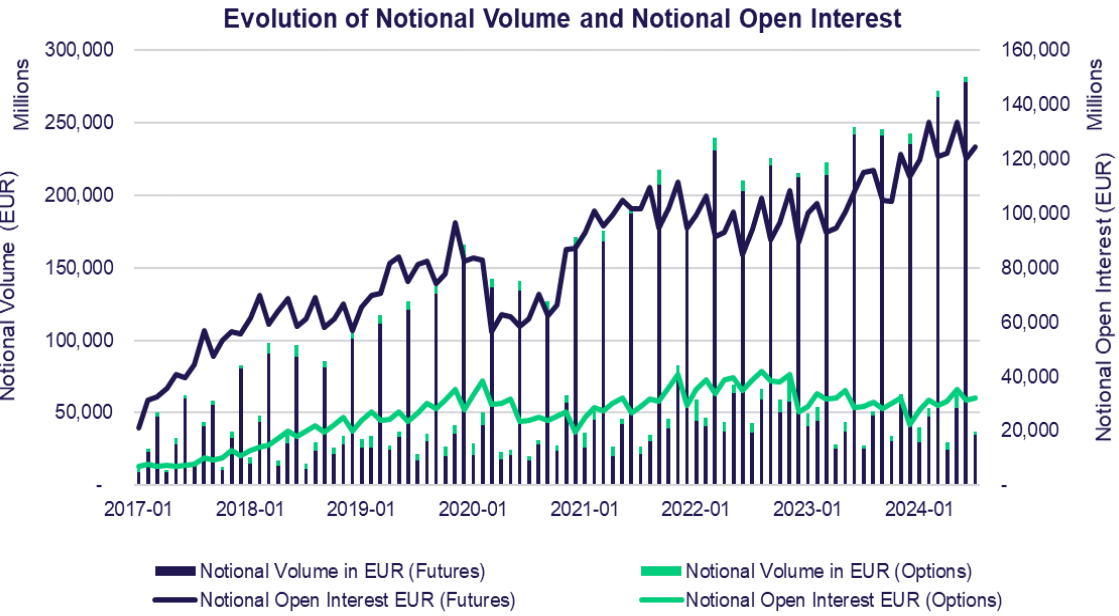


Eurex is the Global Home of MSCI Derivatives

 **# 1**
 by Open Interest with 59% market share*
 **# 2**
 by Trading volumes with 22% market share*

2024 Traded volume
 EUR 775 billion
 12.9 million contracts

Open Interest
 EUR 156 billion
 2.7 million contracts



All data updated as of 31 July 2024 unless otherwise stated. *Data from May 2024 FIA report
 Data includes all MSCI Derivatives, including MSCI ESG suite

Trade Asia on Eurex in Asian hours

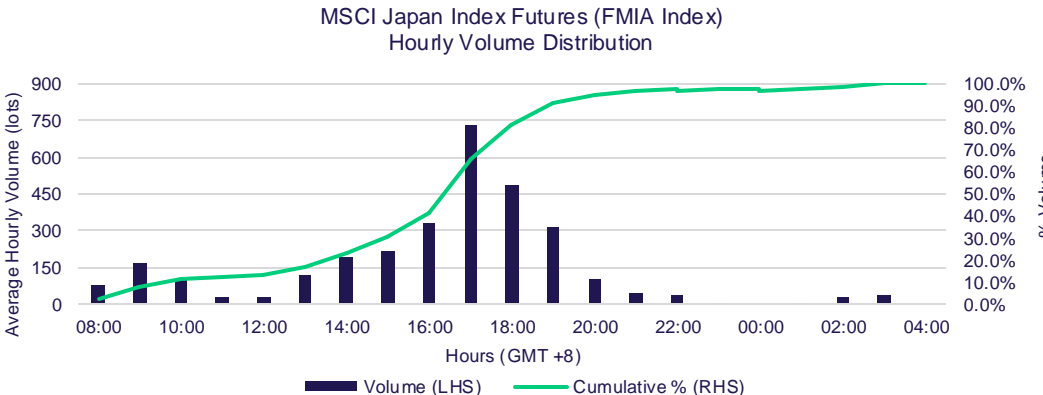
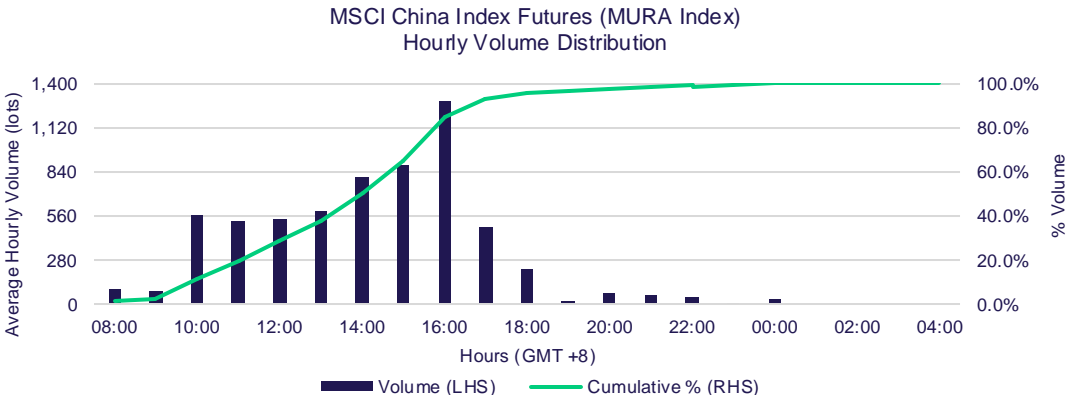
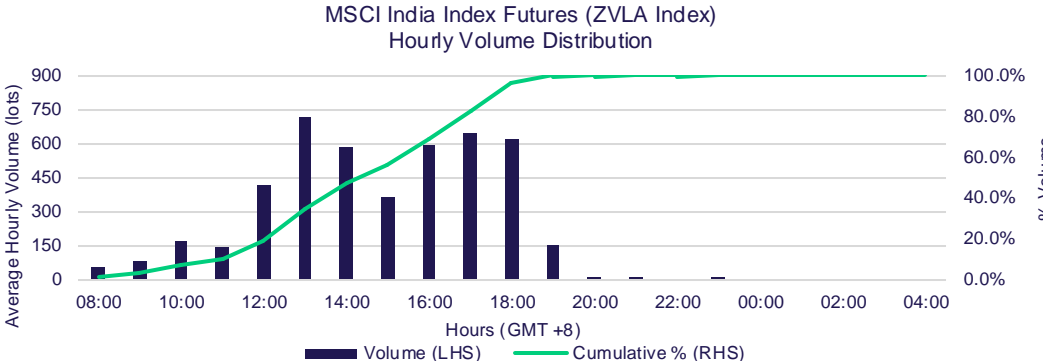
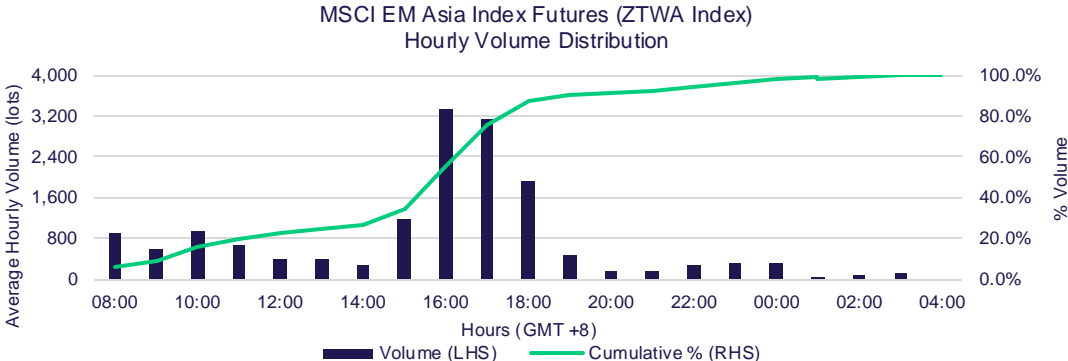
Eurex offers internationally relevant instruments to meet global participants' needs

Underlying	Currency	Futures	Bloomberg Code	Notional Volume YTD (Asian Hours)	2024 ADV (Asian Hours, lots)	2024 ADV (Whole day, lots)	Latest Month-End Notional OI
MSCI Benchmark Index							
MSCI Emerging Markets Asia Index (NTR, USD) Large and mid cap representation across 8 Emerging Markets countries	USD	FMEA	ZTWA Index	67,287,859,380	3,462	14,501	20,945,183,360
MSCI China Index (NTR, USD) Large and mid cap representation across China A shares, H shares, B shares, Red chips, P chips and foreign listings (e.g. ADRs)	USD	FMCH	MURA Index	18,277,179,260	2,821	7,072	2,155,300,425
MSCI India Index (NTR USD) Large and mid cap segments of the Indian market	USD	FMIN	ZVLA Index	58,883,078,600	1,585	4,190	13,866,015,450
MSCI Japan Index (NTR USD) Large and mid cap segments of the Japanese market	USD	FMJP	FMIA Index	16,531,044,880	644	3,152	9,750,393,750
MSCI Australia Index (NTR USD) Large and mid cap segments of the Australia market	USD	FMAU	ZTOA Index	9,004,813,880	551	1,028	1,158,644,520
MSCI Taiwan Index (NTR USD) Large and mid cap segments of the Taiwan market	USD	FMTW	FPOA Index	16,608,854,360	783	1,486	3,986,756,110
MSCI Thailand Index (NTR USD) Large and mid cap segments of the Thailand market	USD	FMTH	ZWOA Index	2,712,237,260	850	1,237	357,782,400
MSCI Indonesia Index (NTR USD) Large and mid cap segments of the Indonesian market	USD	FMID	ZSRA Index	1,544,992,310	303	670	302,818,425
MSCI Malaysia Index (NTR USD) Large and mid cap segments of the Malaysian market	USD	FMMY	ZVOA Index	1,242,593,840	120	307	318,648,250
MSCI Hong Kong Index (NTR USD) Large and mid cap segments of the Hong Kong market	USD	FMHK	ZSSA Index	2,265,619,900	143	416	409,531,680

Data updated on 31 July 2024

High liquidity on MSCI Asia contracts available on Eurex

Eurex leads the MSCI exchange traded derivatives for the following Asian indices



Data updated on 31 July 2024

Why crypto at Eurex?

The trusted path to crypto

The cryptocurrency market continues to grow in popularity as more market participants enter this market and look for new instruments to implement trading strategies.

- 2 fiat currency denomination available
- Available for trading 21 hours, 5 days a week
- 1:1 ratio with spot Bitcoin
- Monthly expiring contracts
- Utilize existing trading and clearing set up as other Eurex products



Trading on a Regulated Exchange

Eurex is a renowned regulated exchange, with best-in-class trading platform and robust safeguards offering multi-asset class trading.

Trusted index provider

Eurex has partnered with FTSE Russell and DAR to provide Benchmark Regulation (BMR) compliant index for the Bitcoin futures.

Seamless access to cryptocurrency

Gain exposure via your existing trading accounts without the need for additional account or infrastructure setup.

Robust risk management

All trades at Eurex are risk managed and cleared in an AA-rated clearing house, with no auto liquidations or counterparty risk.

Underlying	Currency	Futures	Bloomberg Code	Notional Volume YTD (Asian Hours)	2024 ADV (Asian Hours, lots)	2024 ADV (Whole day, lots)	Latest Month-End Notional OI
FTSE BTC Index Futures in USD <small>Based on index provided by FTSE Russell and Digital Asset Research, 1 USD per index point</small>	USD	FBTU	PYAA Curncy	518,146,818	32	190	401,220
FTSE BTC Index Futures in EUR <small>Based on index provided by FTSE Russell and Digital Asset Research, 1 EUR per index point</small>	EUR	FBTE	PYCA Curncy	150,413,600	9	44	308,800

Data updated on 31 July 2024

Extended Hours, Extended Opportunities

3 Reasons to trade Eurex during Asian hours



Fine tune your index exposure

More opportunities with MSCI and European benchmark futures for your global portfolio.



Cost efficient way to access Europe

Gain access to liquid European benchmarks and enjoy cross margin benefits with MSCI.



Liquid orderbook across different time zones

Global benchmarks. All time zones. Trade at your convenience.

Contact us for more information!

Contacts

Mezhgan Qabool

Executive Director, Head of Market Development,
APAC and Middle East

Eurex Frankfurt AG Singapore
Republic Plaza
9 Raffles Place #56-01
Singapore 048619

mezhgan.qabool@eurex.com

Kris Hopkins

Senior Vice President
Equity and Index Sales

Eurex Frankfurt AG Singapore
Republic Plaza
9 Raffles Place #56-01
Singapore 048619

kris.hopkins@eurex.com

Mathieu Fuhrmann

Senior Vice President
Equity and Index Sales

Eurex Frankfurt AG Japan
27F, Marunouchi Kitaguchi Building
1-6-5, Marunouchi, Chiyoda-ku
Tokyo 100-0005
Japan





mathieu.fuhrmann@eurex.com



Appendix

EURO STOXX 50[®] Index

Bloomberg codes: SX5E <Index> (Index), VGA <Index> (Futures)

<p>50</p>	<p>Largest companies in Eurozone countries</p>		<p>3.4</p>	<p>Trillion EUR free-float market capitalization</p>	
<p>60%</p>	<p>of the EURO STOXX Total Market Index (TMI)</p>		<p>27</p>	<p>Billion EUR worth of ETF assets</p>	

Index Correlation

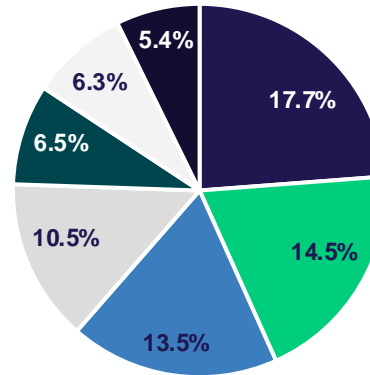
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.48	0.46	0.45	0.49
STOXX Europe 600 (SXXP)	0.91	0.92	0.93	0.93
Nasdaq 100 (NDX)	0.41	0.39	0.40	0.42
FTSE 100 (UKX)	0.62	0.66	0.69	0.71
DJIA (INDU)	0.47	0.44	0.43	0.47
KOSPI 200 (KOSPI2)	0.22	0.18	0.29	0.28
Hang Seng (HSI)	0.36	0.24	0.34	0.34
Hang Seng CEI (HSCEI)	0.38	0.24	0.36	0.35
Nikkei 225 (NKY)	0.02	0.19	0.23	0.26
FTSE China A50 (XIN9I)	0.18	0.09	0.17	0.22
SET50 (SET50)	0.39	0.30	0.30	0.27
NIFTY 50 (NIFTY)	0.22	0.23	0.17	0.17

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Technology
- Industrial Goods and Services
- Consumer Products and Services
- Banks
- Insurance
- Automobile and Parts
- Healthcare



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
ASML HLDG (ASML:NA)	10.1%
LVMH Moet Hennessy (MC:FP)	6.3%
SAP SE (SAP:GR)	5.1%
TOTALENERGIES (TTE:FP)	4.1%
Siemens (SIE:GR)	4.0%
Top 5 Relative Index Weight	29.6%

Factsheet updated on 29 February 2024 (Extracted on 5 April 2024).

DAX[®] Index

Bloomberg codes: DAX <Index> (Index), GXA <Index> (Futures)

40 Largest and most liquid companies on XETRA[®]



1.4

Trillion EUR market capitalization



150k Financial products based on the index



Index Correlation

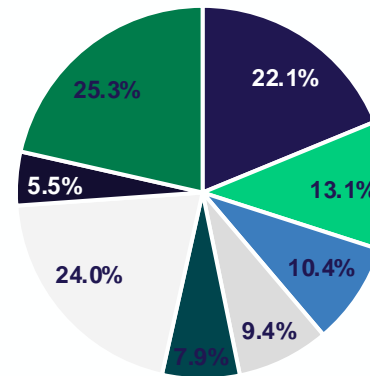
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.47	0.47	0.46	0.49
STOXX Europe 600 (SXXP)	0.86	0.88	0.90	0.90
Nasdaq 100 (NDX)	0.42	0.41	0.41	0.42
FTSE 100 (UKX)	0.63	0.63	0.67	0.70
DJIA (INDU)	0.43	0.44	0.44	0.46
KOSPI 200 (KOSPI2)	0.20	0.20	0.28	0.26
Hang Seng (HSI)	0.35	0.21	0.30	0.30
Hang Seng CEI (HSCEI)	0.37	0.22	0.33	0.31
Nikkei 225 (NKY)	0.07	0.23	0.26	0.29
FTSE China A50 (XIN9I)	0.19	0.09	0.15	0.20
SET50 (SET50)	0.33	0.32	0.30	0.27
NIFTY 50 (NIFTY)	0.22	0.28	0.22	0.20

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Industrial
- Insurance
- Automobile
- Software
- Pharma & Healthcare
- Telecommunication
- Chemicals
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Siemens AG (SIE:GR)	10.4%
SAP SE (SAP:GR)	9.4%
Allianz SE (ALV:GR)	7.9%
Airbus SE (AIR:FP)	6.8%
Deutsche Telekom AG (DTE:XR)	6.2%
Top 5 Relative Index Weight	40.7%


Factsheet updated on 29 December 2023 (Extracted on 5 April 2024).

EURO STOXX[®] Banks Index

Bloomberg codes: SX7E <Index> (Index), CAA <Index> (Futures)


10

Countries across the Eurozone




539

Billion EUR free-float adj. market capitalization



23

Number of Constituents



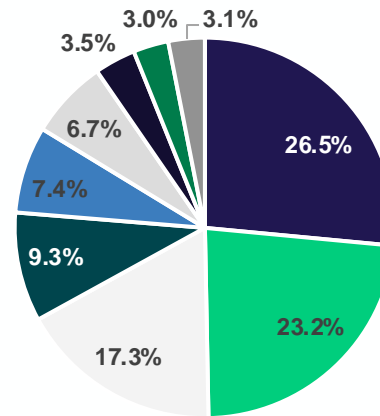
Index Correlation

Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.01	0.12	0.21	0.29
STOXX Europe 600 (SXXP)	0.59	0.65	0.68	0.66
Nasdaq 100 (NDX)	-0.05	0.05	0.15	0.21
FTSE 100 (UKX)	0.48	0.52	0.56	0.56
DJIA (INDU)	0.10	0.18	0.25	0.31
KOSPI 200 (KOSPI2)	0.04	0.08	0.17	0.14
Hang Seng (HSI)	0.09	0.11	0.21	0.21
Hang Seng CEI (HSCEI)	0.12	0.12	0.23	0.22
Nikkei 225 (NKY)	-0.02	0.12	0.12	0.15
FTSE China A50 (XIN9I)	-0.06	-0.03	0.05	0.10
SET50 (SET50)	0.15	0.24	0.22	0.22
NIFTY 50 (NIFTY)	0.06	0.18	0.12	0.10

Country Allocation

- Spain
- Italy
- France
- Netherlands
- Finland
- Germany
- Austria
- Belgium
- Others



Index Constituents

Top 5 banks by market capitalization and relative index weights

Top 5 Constituents	
Banco Santander (SAN:SM)	11.5%
BNP Paribas (BNP:FP)	11.1%
UniCredit Group (UCG:IM)	10.2%
Banco Bilbao Vizcaya Argentaria (BBVA:SM)	10.1%
INTESA SANPAOLO (ETR: IES)	8.7%
Top 5 Relative Index Weight	51.6%

Factsheet updated on 26 February 2024 (Extracted on 5 April 2024).

MSCI Emerging Markets Asia Index

Bloomberg codes: M1MS <Index> (Index), ZTWA <Index> (Futures)

1,131

Numbers of Constituents



8

Emerging markets countries across Asia



85%

Free-float adj. market cap in each country



5.6

Trillion USD market capitalization



Index Correlation

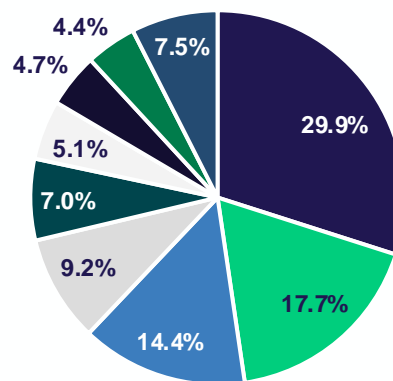
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.40	0.27	0.29	0.32
STOXX Europe 600 (SXXP)	0.42	0.35	0.42	0.42
Nasdaq 100 (NDX)	0.37	0.26	0.29	0.30
FTSE 100 (UKX)	0.40	0.37	0.40	0.40
DJIA (INDU)	0.36	0.27	0.27	0.31
KOSPI 200 (KOSPI2)	0.62	0.73	0.72	0.70
Hang Seng (HSI)	0.84	0.85	0.87	0.87
Hang Seng CEI (HSCEI)	0.81	0.82	0.85	0.86
Nikkei 225 (NKY)	0.12	0.36	0.40	0.39
FTSE China A50 (XIN9I)	0.45	0.50	0.57	0.60
SET50 (SET50)	0.65	0.65	0.57	0.51
NIFTY 50 (NIFTY)	0.57	0.54	0.49	0.47

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Information Technology
- Financials
- Consumer Discretionary
- Communication Services
- Industrials
- Materials
- Consumer Staples
- Health Care
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Taiwan Semiconductor (2330:TT)	10.6%
Samsung Electronics (005930:KS)	5.1%
Tencent Holdings (700:HK)	4.5%
Alibaba Group Holding (HK) (9988:HK)	2.5%
Reliance Industries (RELIANCE:IN)	1.9%
Top 5 Relative Index Weight	24.6%

Factsheet updated on 29 March 2024 (Extracted on 5 April 2024).

MSCI China Index

Bloomberg codes: M1CN <Index> (Index), MURA <Index> (Futures)

704 Constituents, inclusive of large and mid cap shares



85%

Of A-, H-, B shares, Red-, P Chips & foreign listings



1.8 Trillion USD market capitalization



Index Correlation

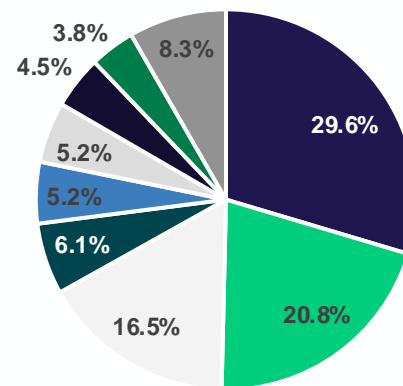
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.23	0.17	0.19	0.25
STOXX Europe 600 (SXXP)	0.31	0.25	0.32	0.34
Nasdaq 100 (NDX)	0.20	0.17	0.21	0.24
FTSE 100 (UKX)	0.33	0.28	0.31	0.34
DJIA (INDU)	0.18	0.16	0.14	0.22
KOSPI 200 (KOSPI2)	0.18	0.37	0.40	0.39
Hang Seng (HSI)	0.97	0.97	0.97	0.97
Hang Seng CEI (HSCEI)	0.98	0.98	0.98	0.98
Nikkei 225 (NKY)	-0.09	0.19	0.23	0.22
FTSE China A50 (XIN9I)	0.65	0.64	0.71	0.73
SET50 (SET50)	0.47	0.47	0.41	0.39
NIFTY 50 (NIFTY)	0.34	0.28	0.25	0.24

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Consumer Discretionary
- Communication Services
- Financials
- Information Technology
- Consumer Staples
- Industrials
- Health Care
- Energy
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Tencent Holdings (700:HK)	14.2%
Alibaba Group Holding (HK)	8.1%
PDD Holdings Inc (PDD:US)	3.8%
MEITUAN B (3690:HK)	3.5%
China Construction Bank (939:HK)	3.2%
Top 5 Relative Index Weight	32.8%

Factsheet updated on 29 March 2024 (Extracted on 5 April 2024).

MSCI India Index

Bloomberg codes: M1IN <Index> (Index), ZVLA <Index> (Futures)

136 Largest & mid-cap segments of the market



85%

India Equity Market Capitalization



1.27 Trillion USD market capitalization



Index Correlation

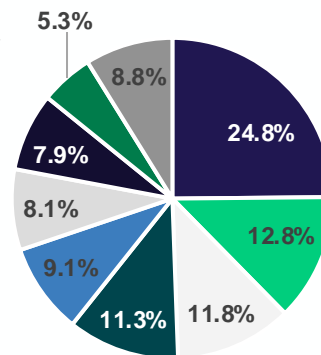
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.15	0.23	0.25	0.20
STOXX Europe 600 (SXXP)	0.28	0.27	0.27	0.26
Nasdaq 100 (NDX)	0.24	0.25	0.26	0.20
FTSE 100 (UKX)	0.27	0.22	0.23	0.24
DJIA (INDU)	0.07	0.21	0.23	0.19
KOSPI 200 (KOSPI2)	0.29	0.32	0.36	0.33
Hang Seng (HSI)	0.30	0.29	0.29	0.29
Hang Seng CEI (HSCEI)	0.31	0.27	0.29	0.27
Nikkei 225 (NKY)	0.24	0.22	0.26	0.23
FTSE China A50 (XIN9I)	0.18	0.13	0.13	0.14
SET50 (SET50)	0.41	0.42	0.36	0.31
NIFTY 50 (NIFTY)	0.94	0.95	0.95	0.94

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Financials
- Consumer Discretionary
- Information Technology
- Energy
- Industrials
- Materials
- Consumer Staples
- Healthcare
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Reliance Industries (RELIANCE:IN)	8.5%
ICICI Bank (ICICIBC:IN)	5.3%
Infosys (INFO:IN)	4.7%
HDFC Bank (HDFCB:IN)	3.8%
Tata Consultancy (TCS:IN)	3.3%
Top 5 Relative Index Weight	25.6%

Factsheet updated on 29 March 2024 (Extracted on 5 April 2024).

MSCI Japan Index

Bloomberg codes: M1JP <Index> (Index), FMIA <Index> (Futures)

218

Constituents, from mid to large cap segments



3.98

Trillion USD market capitalization



85%

Free-float adj. market cap in Japan



Index Correlation

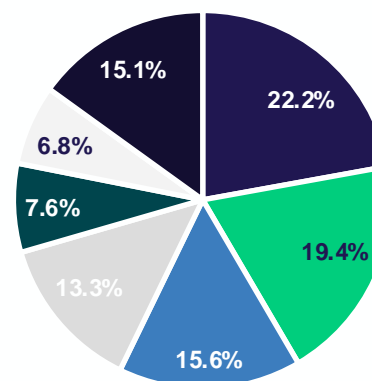
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	-0.03	0.02	0.13	0.09
STOXX Europe 600 (SXXP)	0.11	0.25	0.30	0.27
Nasdaq 100 (NDX)	0.04	0.06	0.15	0.12
FTSE 100 (UKX)	0.07	0.26	0.29	0.26
DJIA (INDU)	-0.04	0.02	0.10	0.05
KOSPI 200 (KOSPI2)	0.22	0.38	0.39	0.37
Hang Seng (HSI)	0.05	0.25	0.26	0.26
Hang Seng CEI (HSCEI)	0.02	0.23	0.27	0.24
Nikkei 225 (NKY)	0.73	0.77	0.77	0.77
FTSE China A50 (XIN9I)	-0.03	0.17	0.21	0.22
SET50 (SET50)	0.27	0.32	0.29	0.22
NIFTY 50 (NIFTY)	0.45	0.33	0.31	0.29

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Industrials
- Consumer Discretionary
- Information Technology
- Financials
- Healthcare
- Communication Services
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Toyota Motor Corp (7203:JP)	6.7%
Tokyo Electron (8035:JP)	3.1%
Mitsubishi UFJ Financial Group (8306:JP)	2.9%
Sony Group Corp (6758:JP)	2.7%
Keyence Corp (6861:JP)	2.2%
Top 5 Relative Index Weight	17.6%

Factsheet updated on 29 March 2024 (Extracted on 5 April 2024).

MSCI Taiwan Index

Bloomberg codes: M1TW <Index> (Index), FPOA <Index> (Futures)

89 Largest & mid-cap segments of the market



1.27 Trillion USD market capitalization



85% Free-float adj. market capitalisation in Taiwan



Index Correlation

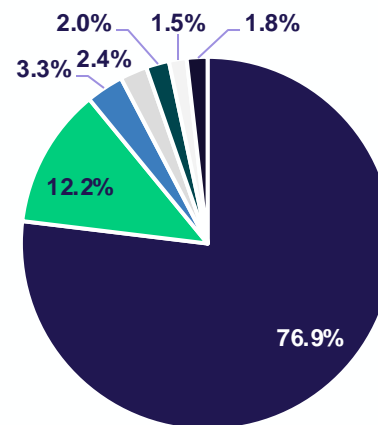
Correlation with major indices over 3, 6, 9 months and 1 year

Lookback Period	3M	6M	9M	1Y
S&P 500 (SPX)	0.42	0.29	0.29	0.30
STOXX Europe 600 (SXXP)	0.34	0.32	0.36	0.35
Nasdaq 100 (NDX)	0.38	0.25	0.26	0.26
FTSE 100 (UKX)	0.24	0.31	0.32	0.29
DJIA (INDU)	0.43	0.30	0.30	0.31
KOSPI 200 (KOSPI2)	0.53	0.55	0.59	0.57
Hang Seng (HSI)	0.23	0.33	0.37	0.37
Hang Seng CEI (HSCEI)	0.19	0.28	0.36	0.35
Nikkei 225 (NKY)	0.26	0.35	0.40	0.40
FTSE China A50 (XIN9I)	0.05	0.15	0.21	0.21
SET50 (SET50)	0.36	0.45	0.41	0.36
NIFTY 50 (NIFTY)	0.23	0.34	0.34	0.31

Sector Allocation

In accordance with the Global Industry Classification Standard (GICS)

- Information Technology
- Financials
- Materials
- Industrials
- Communication Services
- Consumer Discretionary
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents	
Taiwan Semiconductor Mfg (2330:TT)	47.2%
Hon Hai Precision Ind Co (2317:TT)	4.6%
MediaTek Inc (2454:TT)	4.5%
Quanta Computer (2382:TT)	1.9%
Delta Electronics (2308:TT)	1.6%
Top 5 Relative Index Weight	59.8%

Factsheet updated on 29 March 2024 (Extracted on 5 April 2024).

Achieve capital efficiency trading global indices on Eurex

Efficient portfolio margining approach with Eurex PRISMA

Portfolio	Product name	Eurex code	BBG code	Long	Short	Net	Net Notional (in EUR)	Initial Margin (in EUR) per product	% of Margin vs Notional	Total Initial Margin (EUR) per product	Initial margin (with Portfolio Margining)	Margin Savings
FESX	EURO STOXX 50	FESX	VGA Index	32,000	20,000	12,000	515,640,000	37,714,656	7.31%	149,137,608	51,746,145	65%
add FDAX long	DAX	FDAX	GXA Index	1,000	-	1,000	395,425,000	31,096,057	7.86%			
add FMWO short	MSCI World	FMWO	ZWPA Index	-	6,000	(6,000)	506,220,000	26,270,940	5.19%			
add FMEA short	MSCI EM Asia	FMEA	ZTWA Index	-	4,000	(4,000)	214,560,000	13,612,998	6.34%			
add FMCH long	MSCI China	FMCH	MURA Index	7,500	-	7,500	157,170,000	14,223,485	9.05%			
add FMIN long	MSCI India	FMIN	ZVLA Index	1,500	-	1,500	134,940,000	11,541,996	8.55%			
add FMJP long	MSCI Japan	FMJP	FMIA Index	3,500	-	3,500	236,421,500	14,677,476	6.21%			
Total							2,160,376,500	149,137,608	6.90%		2.40%	

*Calculation Date: 16 August 2023

In this illustration, the unnetted margin of the sample portfolio is at 6.90%. With the PRISMA model, portfolio margin offset resulted in 2.40%, a margin savings of 65%. In general, the better a portfolio is balanced, the higher the margin offsets under PRISMA will be.

Eurex is in a unique position to generate margin offsets given its open interest pool of over 100 million lots in Equity & Index derivatives that can be used to offset against each other. Equity index products hereby include STOXX, DAX, SMI, MSCI and FTSE.

Eurex T7 Entry Services (TES)

The TES enables participants to enter off-book transactions into the Eurex System

Block Trade

Supports bilateral, off-book trading of standard Eurex products.

Multilateral Functionality

Enables processing of multilateral Block Trades with up to multiple counterparties.

Brokerage Functionality

Accessible to brokers to book trades directly into the account of the beneficiary member without being part of the trade.

Flexible Contracts

Supports off-book trading of tailor-made Futures (expiration date, settlement type) and Options (exercise price, expiration date, exercise style, settlement type) contracts.

Volatility Trade

Allows an off-book trade in Futures contracts with a quantity smaller than the minimum block trading size to hedge an Options position

Exchange for Physicals

Allows an off-book trade with a quantity smaller than the minimum block trading size to hedge a physical/cash position

Exchange for Swaps

Allows an off-book trade with a quantity smaller than the minimum block trading size to hedge a swap position

Trade at Index Close

Supports the entry of off-book trades in Equity Index Futures based on the combination of the next available index closing price plus basis

MSCI basis trading

Trading a calendar spread between the daily and quarterly future replicates basis trading

Market on Close (MoC) T+X allows fully automated and operational efficient basis trading via a calendar spread between the daily expiring and standard target futures.

In a single trade, you can go short the daily and long the quarterly futures, meaning you have paid the basis and the index close – once the daily leg expires. Everything works using just one product and in the same manner as a quarterly roll.

The new solution is the first of its kind and adds flexibility, reduces operational efforts, increases the transparency of the basis and mitigates counterparty risk.

KEY ARGUMENTS:

- Touch the trade only once on the trade date
- Trade entry time is at the time of execution, processed and reported immediately
- No counterparty risk. All legs are directly in the CCP risk framework
- Full flexibility of trading channels: on-screen, EnLight or TES.

What are the key benefits?



Flexibility

The new Market on Close (MoC) T+X functionality allows trading MSCI futures as a block trade or via the order book.



Ease of execution

Just trade the calendar between the daily expiry (T, T+1 or T+2) and the standard quarterly futures you want to trade based on close and you're done. All this happens within the same product and not a separate trade for the basis. No clearing operations are needed to book from a basis product into the futures.



Reduced operational efforts

There's no need for further price confirmations or additional tasks after the index close is available. This also means that each trade only needs to be considered once. This brings the positive side effect that the trade shows the correct trade date, namely when it was initially agreed.

Disclaimer

© Eurex 2023

Deutsche Börse AG (DBAG), Clearstream Banking AG (Clearstream), Eurex Frankfurt AG, Eurex Clearing AG (Eurex Clearing) and Eurex Repo GmbH (Eurex Repo) are corporate entities and are registered under German law. Eurex Global Derivatives AG is a corporate entity and is registered under Swiss law. Clearstream Banking S.A. is a corporate entity and is registered under Luxembourg law. Deutsche Boerse Asia Holding Pte. Ltd., Eurex Clearing Asia Pte. Ltd. and Eurex Exchange Asia Pte. Ltd are corporate entities and are registered under Singapore law. Eurex Frankfurt AG (Eurex) is the administrating and operating institution of Eurex Deutschland. Eurex Deutschland is in the following referred to as the "Eurex Exchange".

All intellectual property, proprietary and other rights and interests in this publication and the subject matter hereof (other than certain trademarks and service marks listed below) are owned by DBAG and its affiliates and subsidiaries including, without limitation, all patent, registered design, copyright, trademark and service mark rights. While reasonable care has been taken in the preparation of this publication to provide details that are accurate and not misleading at the time of publication DBAG, Clearstream, Eurex, Eurex Clearing, Eurex Repo as well as the Eurex Exchange and their respective servants and agents (a) do not make any representations or warranties regarding the information contained herein, whether express or implied, including without limitation any implied warranty of merchantability or fitness for a particular purpose or any warranty with respect to the accuracy, correctness, quality, completeness or timeliness of such information, and (b) shall not be responsible or liable for any third party's use of any information contained herein under any circumstances, including, without limitation, in connection with actual trading or otherwise or for any errors or omissions contained in this publication.

This publication is published for information purposes only and shall not constitute investment advice respectively does not constitute an offer, solicitation or recommendation to acquire or dispose of any investment or to engage in any other transaction. This publication is not intended for solicitation purposes but only for use as general information.

All descriptions, examples and calculations contained in this publication are for illustrative purposes only.

Eurex and Eurex Clearing offer services directly to members of the Eurex Exchange respectively to clearing members of Eurex Clearing. Those who desire to trade any products available on the Eurex market or who desire to offer and sell any such products to others or who desire to possess a clearing license of Eurex Clearing in order to participate in the clearing process provided by Eurex Clearing, should consider legal and regulatory requirements of those jurisdictions relevant to them, as well as the risks associated with such products, before doing so.

Only Eurex derivatives that are CFTC-approved June be traded via direct access in the United States or by United States persons. A complete, up-to-date list of Eurex derivatives that are CFTC-approved is available at: <http://www.eurexchange.com/exchange-en/products/eurex-derivatives-us>. In addition, Eurex representatives and participants June familiarise U.S. Qualified Institutional Buyers (QIBs) and broker-dealers with certain eligible Eurex

equity options and equity index options pursuant to the terms of the SEC's July 1, 2013 Class No-Action Relief. A complete, up-to-date list of Eurex options that are eligible under the SEC Class No-Action Relief is available at: <http://www.eurexchange.com/exchange-en/products/eurex-derivatives-us/eurex-options-in-the-us-for-eligible-customers...> Lastly, U.S. QIBs and broker-dealers trading on behalf of QIBs June trade certain single-security futures and narrow-based security index futures subject to terms and conditions of the SEC's Exchange Act Release No. 60,194 (June 30, 2009), 74 Fed. Reg. 32,200 (July 7, 2009) and the CFTC's Division of Clearing and Intermediary Oversight Advisory Concerning the Offer and Sale of Foreign Security Futures Products to Customers Located in the United States (June 8, 2010).

Trademarks and Service Marks

Buxl®, DAX®, DivDAX®, eb.rexx®, Eurex®, Eurex Repo®, Eurex Strategy WizardSM, Euro GC Pooling®, FDAX®, FWB®, GC Pooling®, GCPI®, MDAX®, ODAX®, SDAX®, TecDAX®, USD GC Pooling®, VDAX®, VDAX-NEW® and Xetra® are registered trademarks of DBAG. All MSCI indexes are service marks and the exclusive property of MSCI Barra. ATX®, ATX® five, CECE® and RDX® are registered trademarks of Vienna Stock Exchange AG. IPD® UK Quarterly Indexes are registered trademarks of Investment Property Databank Ltd. IPD and have been licensed for the use by Eurex for derivatives. SLI®, SMI® and SMIM® are registered trademarks of SIX Swiss Exchange AG. The STOXX® indexes, the data included therein and the trademarks used in the index names are the intellectual property of STOXX Limited and/or its licensors. Eurex derivatives based on the STOXX® indexes are in no way sponsored, endorsed, sold or promoted by STOXX and its licensors and neither STOXX nor its licensors shall have any liability with respect thereto. Bloomberg Commodity IndexSM and any related sub-indexes are service marks of Bloomberg L.P. PCS® and Property Claim Services® are registered trademarks of ISO Services, Inc. Korea Exchange, KRX, KOSPI and KOSPI 200 are registered trademarks of Korea Exchange Inc. BSE and SENSEX are trademarks/service marks of Bombay Stock Exchange (BSE) and all rights accruing from the same, statutory or otherwise, wholly vest with BSE. Any violation of the above would constitute an offence under the laws of India and international treaties governing the same.

The names of other companies and third party products June be trademarks or service marks of their respective owners.

Eurex Deutschland qualifies as manufacturer of packaged retail and insurance-based investment products (PRIIPs) under Regulation (EU) No 1286/2014 on key information documents for packaged retail and insurance-based investment products (PRIIPs Regulation), and provides key information documents (KIDs) covering PRIIPs traded on Eurex Deutschland on its website under the following link: <http://www.eurexchange.com/exchange-en/resources/regulations/eu-regulations/priips-kids>.

In addition, according to Art. 14(1) PRIIPs Regulation the person advising on, or selling, a PRIIP shall provide the KID to retail investors free of charge.