

STOXX Global Thematic Index Futures

Launch Date: June 20 2022

December 2022

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1 Introduction to Thematic Indices

Growing demand for Thematics with record levels of AUM

- Thematic-based investing has become one of the most popular trends in recent years, represented by **record inflows** and **significant tracking of thematic indices** within the ETF segment.
- Over the three years through the end of 2021, collective assets under management more than tripled to **\$806 billion** from \$174 billion worldwide with Europe representing the largest market at **55%** of global thematic fund assets*.
- Thematics are designed to give investors exposure to long term 'mega-trends' including **digitalisation, sustainability** and changing **socio-demographics**
- Currently available to investors in the form of ETFs linked to STOXX indices
- Traditionally bespoke market orchestrated as swaps in the OTC market.

≈**EUR 10bn**

ETF AUM linked to STOXX thematic indices**

589

New thematic funds launched globally in 2021

90%

AUM actively managed in Europe

STOXX® Global Thematic Index family

Index Methodology



Screening

- **Companies**, belonging to a defined set of developed and emerging countries, that **derive more than 50% of their most recent total annual revenue from sectors linked to the respective theme**
- The index applies **liquidity and size screens** and aims to have a **minimum number of 80 components**



Key Characteristics

- The parent index is the **STOXX Global Total Market**
- **Adjusted equal weighted***
- **Reviewed annually** in June
- Cap factor None, Calculation/distribution **Net Return (USD) in real time**

*See STOXX Index Methodology guide for full details



Methodology

- **Revenue-based Methodology** - FactSet Revere Business Industry Classification System (**RBICS**) is used for a granular breakdown of the revenue sources of the companies in the screening process



ESG Considerations

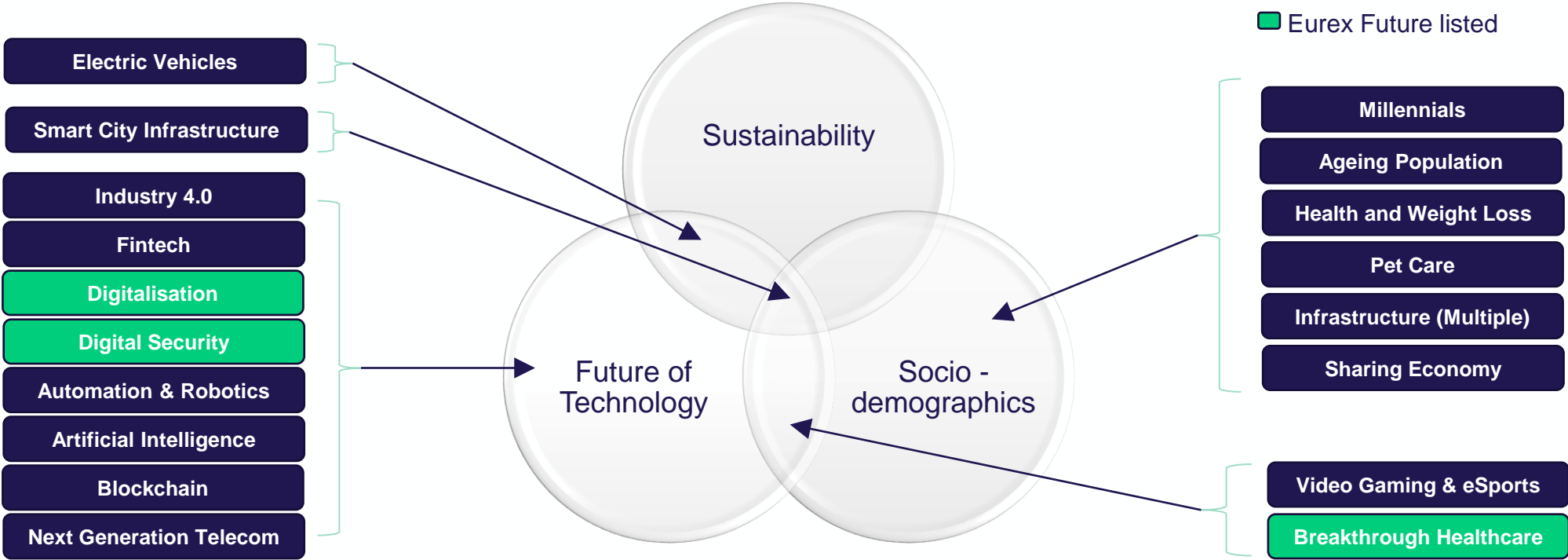
- **Exclusions** - Companies that are non-compliant with the Global Standards Screening (**GSS**), involved in Controversial Weapons activities, or display a Severe (Category 5) Controversy Rating, as identified by Sustainalytics.
- Screens companies for involvement in Weapons, Unconventional Oil & Gas, Conventional Oil & Gas, Thermal Coal, Nuclear Power and Tobacco.

2 STOXX Global Thematics Index Derivatives on Eurex

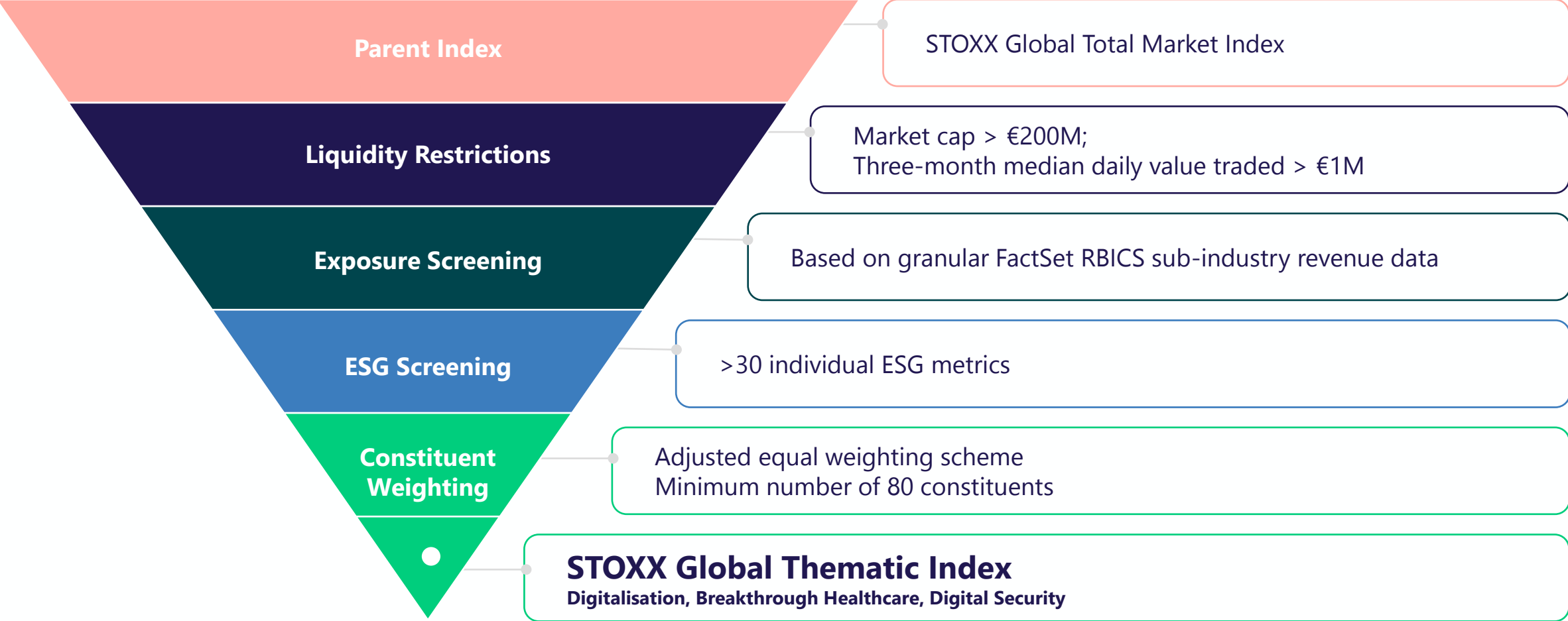
Capitalize on Major Economic Trends

Eurex has launched three contracts that track indices from the STOXX Thematic Index Suite, designed to target the beneficiaries of long-term structural trends transforming our modern economies:

STOXX Global Breakthrough Healthcare | STOXX Global Digitalisation | STOXX Global Digital Security



Innovative Methodology



3 Value Proposition to Investors

Significant Value Proposition to Investors



Expertise of STOXX

- As Deutsche Boerse group's index provider, STOXX has developed innovative approaches for its thematic indices including a revenue-based approach and an artificial intelligence (AI) based approach.
- STOXX uses an open architecture approach and works with best-in-class data and intellectual property (IP). STOXX has partnered with FactSet to develop revenue-based methodology for Eurex Thematic Indices.



Global offering

- Our product range will provide a persistent global offering, which portfolio managers can use to manage a diversified global thematic portfolio.
- This transition to global exposure is a natural extension from European sector futures and options where Eurex has established itself as the leading European venue price and discovery pool



Major Themes

- Digitalisation, Breakthrough Healthcare, Digital Security will all be included with scope to launch further derivatives on a basket of stocks benefiting from emerging themes.

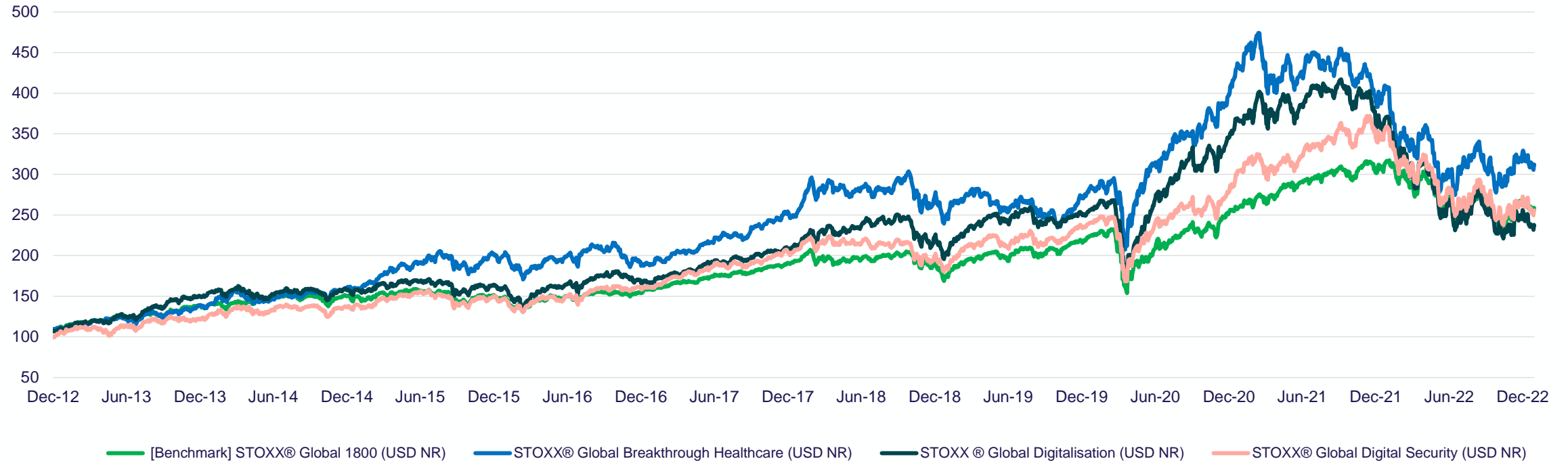


Cost-Efficiency

- Margin Efficiency - Prisma Margin Methodology and associated benefits delivered by the Eurex Trading and Clearing value chain
- Transparent and liquid - utilizing a standardized index offering which is a supplement towards systematic indices and is more cost-effective than using swaps in the OTC market.

Global Coverage and Outperformance

Performance of STOXX® Global Thematic Indices launched on Eurex



Strong returns over the broader market

- Consistent outperformance of all STOXX® Global Thematic Indices launched on Eurex over the broader market between January 2017 and March 2022, with STOXX Global Breakthrough Healthcare (USD NR) and STOXX Global Digitalisation (USD NR) achieving sustained outperformance between August 2014 and March 2022.
- All thematic indices observed a positive active return since inception

4 Contract Specifications

Contract specifications

Key Specifications

	Description
Underlying Index	STOXX Global Breakthrough Healthcare, Digitalisation, Digital Security net total return indices. A detailed description of the index rules and regulations can be found on the Qontigo website under www.qontigo.com
Contract Multiplier	USD 10 per index point.
Settlement	Cash settlement, due on the first exchange day after the final settlement day.
Price determination	In points, with two decimal places.
Minimum price change	0.50 (equals USD 5).
Contract months	The next three quarterly months of the cycle March, June, September and December (9 months).
Last trading day/final settlement day	The third Friday of each maturity month, if this is a trading day at Eurex Deutschland, otherwise the trading day immediately preceding that day. Close of trading for maturing series: 22:00 CET. The final settlement day is the trading day following the last trading day.
Final settlement price	Relevant for the STOXX Global Thematic index futures is the index closing price on the last trading day.
Minimum Block Trade Size	5 contracts

Product Overview

Eurex Product and Underlying Index

Eurex Product

Product Name	Currency	Index Type	ISIN	Product Code	Bloomberg Code	Product type
Futures on STOXX Global Breakthrough Healthcare	USD	Net Return	DE000A3X0014	FGBH	STBA INDEX	FINX
Futures on STOXX Global Digitalisation	USD	Net Return	DE000A3X0022	FGDI	STAA INDEX	FINX
Futures on STOXX Global Digital Security	USD	Net Return	DE000A3X0030	FGDS	STDA INDEX	FINX

Underlying

Index	Currency	Index type	ISIN	Bloomberg	Reuters
STOXX Global Breakthrough Healthcare	USD	Net Return	CH0325904446	IXBRHLTU INDEX	.IXBRHLTU
STOXX Global Digitalisation	USD	Net Return	CH0325904503	IXDIGITU INDEX	.IXDIGITU
STOXX Global Digital Security	USD	Net Return	CH0393657553	STXTDSV INDEX	.STXTDSV

Thank you!

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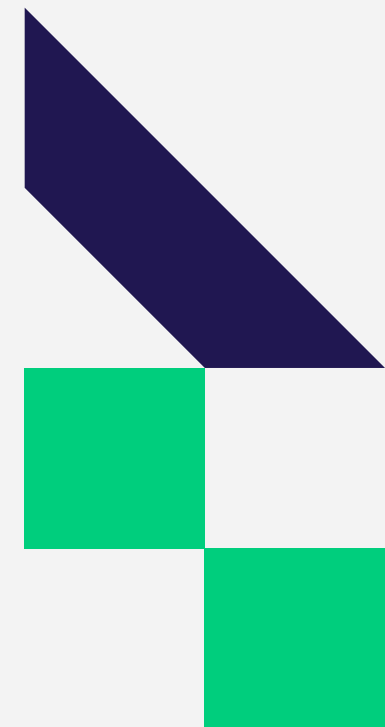
Related Information - Qontigo Webpage:

[Eurex introduces first futures on thematic indices](#) | [Blog Posts](#) | [Qontigo](#)





5 Appendix



Performance Statistics

Risk / Return Characteristics

	STOXX Global 1800	STOXX Global Breakthrough Healthcare	STOXX Global Digitalisation	STOXX Global Digital Security
Perf. overall (annualized)	8.67%	10.13%	7.92%	9.52%
Perf. (1Y)	-20.06%	-32.18%	-41.40%	-27.11%
Perf. (3Y) (annualized)	4.71%	6.34%	-1.74%	4.26%
Perf. (5Y) (annualized)	5.60%	4.26%	2.62%	5.28%
Vol. overall (annualized)	14.51%	17.72%	17.41%	16.31%
Volatility (1Y) (annualized)	18.67%	25.37%	28.41%	23.80%
Volatility (3Y) (annualized)	20.64%	24.81%	25.49%	22.02%
Volatility (5Y) (annualized)	17.50%	21.73%	21.60%	18.89%
Sharpe ratio (Overall)	0.60	0.59	0.48	0.60
Sharpe ratio (5Y)	0.34	0.25	0.18	0.31
Tracking error (Overall)		10.85%	8.14%	8.30%
Tracking error (5Y)		12.81%	9.88%	8.63%
Dividend yield (Overall)	4.01%	1.24%	1.77%	2.56%
Maximum drawdown	33.77%	41.98%	45.53%	34.48%
Constituents	1800	209	217	113

1) Source: Qontigo, daily data. Relative figures calculated against Benchmark

2) LIBOR used as a proxy for riskless returns

3) Qontigo Data Sep 28 2012 - Sep 30 2022

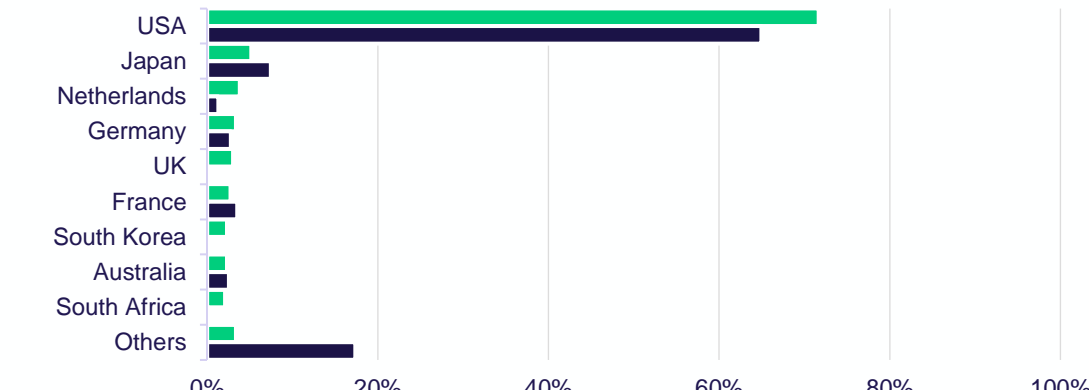
Country & Industry Allocations (1)

■ STOXX Global 1800 [Benchmark]
■ Specified STOXX Thematic Index

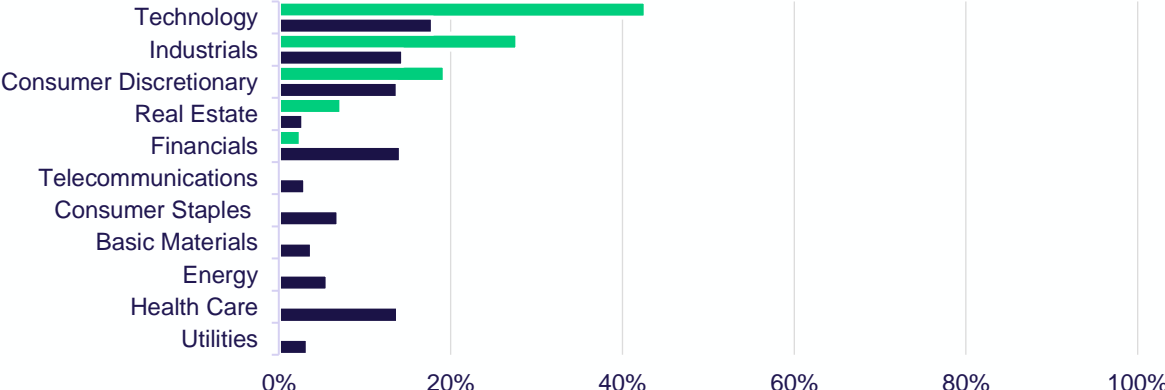
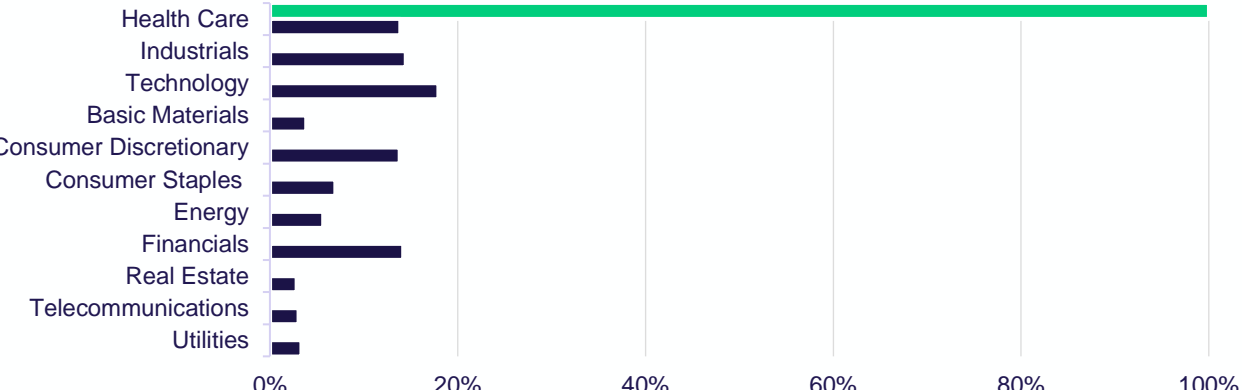
STOXX Global Breakthrough Healthcare

STOXX Global Digitalisation

Country Allocation



Industry Allocation

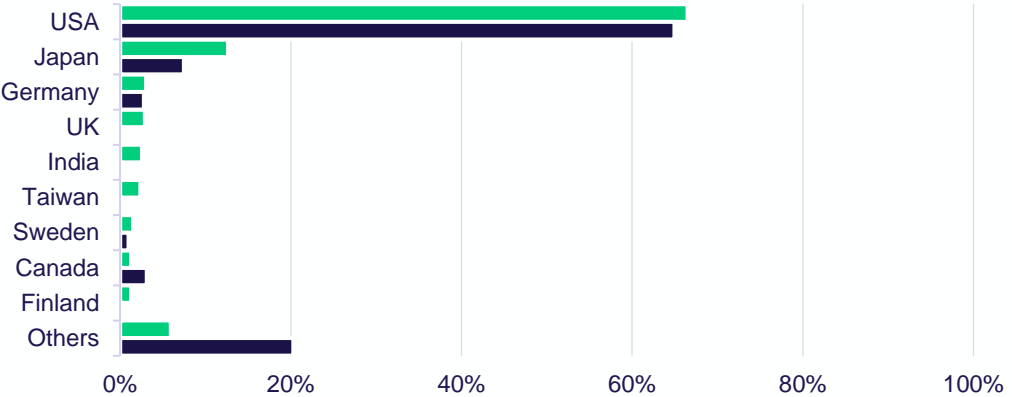


Country & Industry Allocations (2)

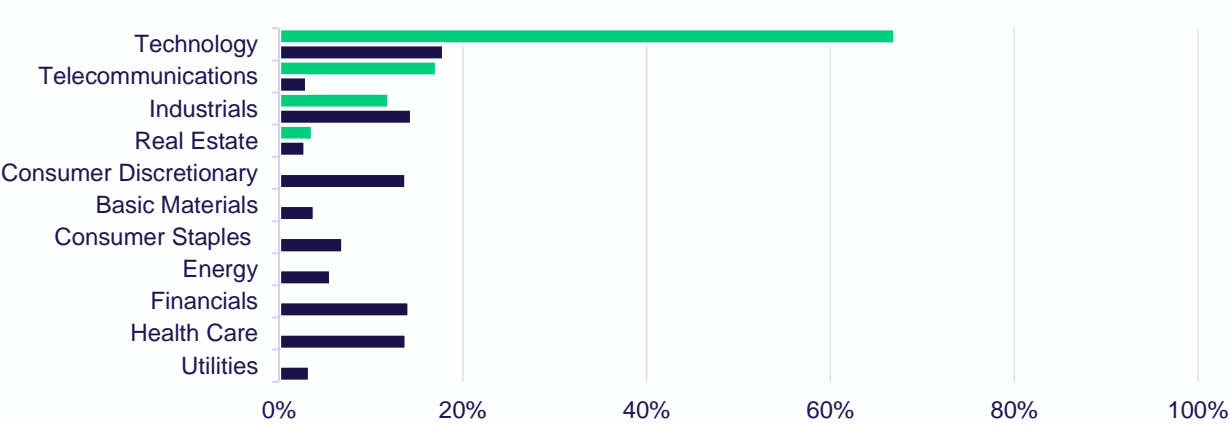
■ STOXX Global 1800 [Benchmark]
■ Specified STOXX Thematic Index

STOXX Global Digital Security

Country Allocation



Industry Allocation



Top 10 Constituents (1)

STOXX Global Breakthrough Healthcare

Name	Supersector	Country	Weight (%)
EISAI CO. LTD.	Healthcare	Japan	2.02
BEIGENE	Healthcare	China	1.96
DEXCOM	Healthcare	USA	1.86
GENMAB	Healthcare	Denmark	1.83
GILEAD SCIENCES INC.	Healthcare	USA	1.82
MODERNA	Healthcare	USA	1.80
SAREPTA THERAOEUTICS	Healthcare	USA	1.79
BIOGEN INC.	Healthcare	USA	1.77
EXACT SCIENCES CORPORATION	Healthcare	USA	1.72
INTUITIVE SURGICAL INC.	Healthcare	USA	1.65

STOXX Global Digitalisation

Name	Supersector	Country	Weight (%)
NETFLIX INC.	Consumer Discretionary	USA	2.64
NASPERS LTD.	Technology	South Africa	2.47
PROSUS	Technology	netherlands	2.28
COSTAR GROUP	Real Estate	USA	2.02
COUPANG A	Consumer Discretionary	USA	2.01
MERCADOLIBRE	Consumer Discretionary	USA	1.90
VERISIGN INC.	Technology	USA	1.86
ETSY	Retail	USA	1.68
VISA INC. CL. A	Financial Services	USA	1.66
MASTERCARD INC. CL. A	Financial Services	USA	1.65

Top 10 Constituents (2)

STOXX Global Digital Security

Name	Supersector	Country	Weight (%)
NUTANIX CL.A	Technology	USA	2.66
ORACLE CORPORATION	Technology	USA	1.94
CALIX NETWORKS	Telecommunications	USA	1.89
ARISTA NETWORKS	Telecommunications	USA	1.81
BOOZ ALLEN HAMILTON HOLDING	Industrials	USA	1.75
CIENA	Telecommunications	USA	1.72
CISCO SYSTEMS INC.	Telecommunications	USA	1.71
BOX CL.A	Technology	USA	1.67
JUNIPER NETWORKS INC.	Telecommunications	USA	1.67
OTSUKA CORPORATION	Technology	Japan	1.64

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