

# STOXX® GLOBAL 3D PRINTING TRADABLE INDEX

## Stated objective

The STOXX Global 3D Printing Tradable Index is designed to give a diversified representation of companies in this emerging and booming technology. 3D printing is the process of making virtually any shape from a digital model. As an additive manufacturing technology, it has wide applications across many industries, including aerospace, health and biotech, education and manufacturing.

## Key facts

- » One of the first indices to represent this relatively new technology on a global scale
- » Diversified with regard to geography and sector
- » 40% of the index consists of companies that derive 100% of their revenue from 3D printing

## Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Global 3D Printing Tradable Index	41.4	30.2	93.0	93.4	118.6	69.7	9.8	5.8	43.8
STOXX Global 200 Index	17,472.4	16,086.8	80.4	59.5	555.1	3.7	3.5	0.0	8.1

## Supersector weighting (top 10)



## Country weighting



## Risk and return figures<sup>1</sup>

Index returns	Return (%)					Annualized return (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 3D Printing Tradable Index	-14.0	-14.0	-33.5	-3.0	84.8	-84.9	-84.9	-32.9	-1.0	12.7
STOXX Global 200 Index	-5.5	-5.5	-3.2	17.8	34.1	-50.6	-50.6	-3.1	5.5	5.9
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 3D Printing Tradable Index	27.2	27.2	19.0	20.6	25.0	-7.2	-7.2	-2.1	-0.1	0.5
STOXX Global 200 Index	20.1	20.1	14.3	11.4	14.0	-3.8	-3.8	-0.3	0.5	0.4
Index to benchmark	Correlation					Tracking error (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 3D Printing Tradable Index	0.8	0.8	0.7	0.6	0.7	17.6	17.6	13.4	16.6	17.9
Index to benchmark	Beta					Annualized information ratio				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 3D Printing Tradable Index	1.0	1.0	0.9	1.1	1.3	-6.6	-6.6	-2.7	-0.4	0.4

<sup>1</sup> For information on data calculation, please refer to STOXX [calculation reference guide](#).

<sup>2</sup> Based on Euribor1m

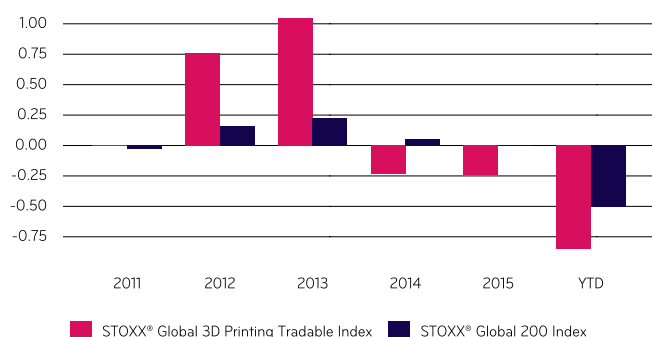
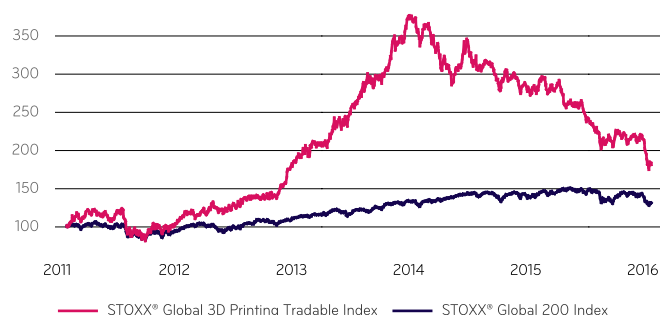
(USD, gross return), all data as of Jan. 29, 2016

## THEME INDICES

## STOXX® GLOBAL 3D PRINTING TRADABLE INDEX

## Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/ book	Dividend yield (%) <sup>4</sup>	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX Global 3D Printing Tradable Index	13.3	33.9	34.7	30.3	1.8	0.3	2.1	175.6
STOXX Global 200 Index	17.9	15.0	16.8	15.0	0.2	2.6	1.7	17.2

Performance and annual returns<sup>3</sup>

## Methodology

To be included in the STOXX 3D Global Printing Tradable Index, a company must pass through the following criteria - generate more than 1% of its revenue from the 3D printing sector, have a minimum three-month average daily trading volume (3-month ADTV) of 250,000 euros, a minimum free-float market cap of 80 million euros and be listed in a country classified as a developed market according to STOXX's country classification model. All companies that meet these requirements are ranked by free-float market cap. The top 30 companies will be selected for inclusion in the index. The detailed methodology including the calculation formula can be found in our rulebook: [www.stoxx.com/indices/rulebooks.html](http://www.stoxx.com/indices/rulebooks.html)

## Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return EUR	CH0208295565	STG3DPGT	STG3DPGT	.STG3DPGT
Net Return EUR	CH0208295532	STG3DPT	STG3DPT INDEX	.STG3DPT
Price EUR	CH0208293404	STG3DPP	STG3DPP INDEX	.STG3DPP
Gross Return USD	CH0208295656	STG3DPGU	STG3DPGU	.STG3DPGU
Net Return USD	CH0208295623	STG3DPU	STG3DPU INDEX	.STG3DPU
Price USD	CH0208295599	STG3DPK	STG3DPK INDEX	.STG3DPK

Complete list available here: [www.stoxx.com/data/vendor\\_codes.html](http://www.stoxx.com/data/vendor_codes.html)

## Quick facts

Weighting	Equal weighting
Cap factor	No
No. of components	30 or fewer
Review frequency	Annually (September)
Calculation/distribution	Price (EUR/USD), net return, gross return (EUR/USD): end-of-day
Calculation hours	End-of-day: 10:15 pm CET
Base value/base date	100 as of Sep. 17, 2010
History	Available daily back to Sep. 17, 2010
Inception date	Apr. 18, 2013

<sup>3</sup> STOXX data from Jan. 31, 2011 to Jan. 28, 2016

<sup>4</sup> gr. div. yield is calculated as gr. return index return minus price index return

(USD, gross return), all data as of Jan. 29, 2016

## CONTACT DETAILS

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## CUSTOMIZATION

The index can be used as a basis for the definition of STOXX® Customized Indices, which can be tailored to specific client or mandate needs. STOXX offers a wide range of customization, in terms of component selection, weighting schemes and personalized calculation methodologies.

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## BACKTESTED PERFORMANCE

This document contains index performance data based on backtesting, i.e. calculations of how the index might have performed prior to launch if it had existed using the same index methodology and based on historical constituents. Backtested performance information is purely hypothetical and is provided in this document solely for information purposes. Backtested performance does not represent actual performance and should not be interpreted as an indication of actual performance.

## STOXX® GLOBAL 3D PRINTING TRADABLE INDEX

Top 10 Components<sup>5</sup>

Company	Supersector	Country	Weight (%)
ARCAM	Industrial Goods & Services	SE	9.81
GROUPE GORGE	Industrial Goods & Services	FR	8.88
DASSAULT SYSTEMS	Technology	FR	8.72
BERTRANDT	Industrial Goods & Services	DE	8.36
RENISHAW	Industrial Goods & Services	GB	8.07
FARO TECHNOLOGIES	Industrial Goods & Services	US	8.04
PTC INC	Technology	US	7.72
3D SYSTEMS	Technology	US	7.51
SLM SOLUTIONS GROUP	Industrial Goods & Services	DE	7.30
MATERIALISE NV-ADR	Industrial Goods & Services	BE	7.15

<sup>5</sup> Based on the composition as of Jan. 29, 2016

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