

# STOXX® GLOBAL 3D PRINTING PURE PLAY INDEX

## Stated objective

The STOXX Global 3D Printing Pure Play 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
- » More than 70% 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 Pure Play Index	3.0	2.9	0.2	0.2	0.4	0.0	23.6	2.8	57.2
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 Pure Play Index	-15.6	-15.6	-53.2	-59.1	6.6	-88.1	-88.1	-52.4	-25.3	1.3
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 Pure Play Index	39.1	39.1	32.8	34.3	37.7	-5.4	-5.4	-2.3	-0.9	0.0
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 Pure Play Index	0.5	0.5	0.4	0.4	0.5	34.4	34.4	30.0	31.6	33.4
Index to benchmark	Beta					Annualized information ratio				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Global 3D Printing Pure Play Index	0.9	0.9	0.9	1.2	1.3	-4.0	-4.0	-2.3	-1.1	-0.1

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

<sup>2</sup> Based on Euribor1m

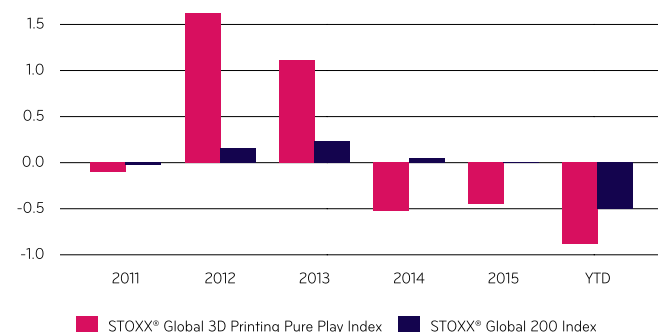
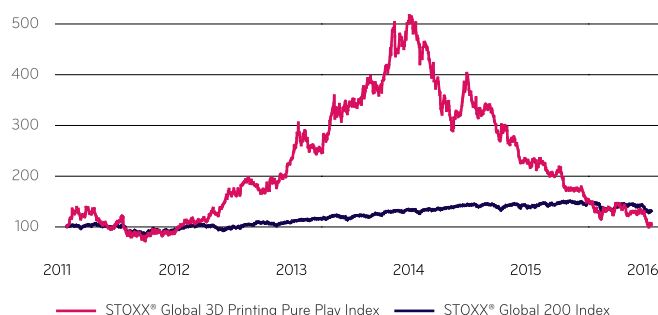
(USD, gross return), all data as of Jan. 29, 2016

## THEME INDICES

## STOXX® GLOBAL 3D PRINTING PURE PLAY 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 Pure Play Index	4.6	517.8	59.8	79.8	1.0	0.1	1.5	70.0
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

For the Pure Play Index, a company must generate more than 10% of its revenue from the 3D Printing sector, have a minimum three-month average daily trading volume (3-month ADTV) of 25,000 euros and a minimum free-float market cap of 10 million euros. 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	CH0212850017	SXG3DPGT	SXG3DPGT	.SXG3DPGT
Net Return EUR	CH0212849951	SXG3DPT	SXG3DPT INDEX	.SXG3DPT
Price EUR	CH0212849092	SXG3DPP	SXG3DPP INDEX	.SXG3DPP
Gross Return USD	CH0212850082	SXG3DPGU	SXG3DPGU	.SXG3DPGU
Net Return USD	CH0212850066	SXG3DPU	SXG3DPU INDEX	.SXG3DPU
Price USD	CH0212850033	SXG3DPK	SXG3DPK INDEX	.SXG3DPK

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

## Quick facts

Weighting	Free-float market cap
Cap factor	20%
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	Jul. 24, 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 PURE PLAY INDEX

Top 10 Components<sup>5</sup>

Company	Supersector	Country	Weight (%)
ARCAM	Industrial Goods & Services	SE	23.59
3D SYSTEMS	Technology	US	20.20
MATERIALISE NV-ADR	Industrial Goods & Services	BE	16.29
STRATASYS	Technology	US	15.51
SLM SOLUTIONS GROUP	Industrial Goods & Services	DE	11.12
EXONE CO/THE	Industrial Goods & Services	US	4.27
PERCEPTRON INC	Industrial Goods & Services	US	3.47
VOXELJET AG-ADR	Industrial Goods & Services	DE	2.78
ARRK CORP	Industrial Goods & Services	JP	2.77
null	Oil & Gas	null	null

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