

## Market-Linked Products Underlier

# EURO STOXX 50<sup>®</sup> Index

Market-Linked Products, considered complex investments, may be linked to the performance of an underlying asset, such as the EURO STOXX 50<sup>®</sup> Index (“Index”). Dividends paid on the underlier are not passed through to the Market-Linked Product. If held to maturity, any potential coupon payments or gains will be paid out based on the performance of the Index, as detailed in the offering documents. Additionally, your statement value will reflect any upward or downward movements in the volatility of the Index.

## EURO STOXX 50<sup>®</sup> Index – historical look at gains & losses

The chart below illustrates the **number of times** the Index’s return, measured from the beginning to the end of different time periods within the past 20 years, landed within various return ranges.

Total Rolling Periods	Total Gains	Total Losses	0 to -5%	-6 to -10%	-11 to -15%	-16 to -20%	-21 to -25%	-26 to -30%	-31 to -35%	-36 to -40%	< -40%	0% to 10%	11 to 20%	21 to 30%	31 to 40%	> 40%	
1-Yr	229	142	87	19	17	14	19	6	3	1	2	6	46	65	21	7	3
3-Yr	205	127	78	17	12	9	5	7	6	9	8	5	36	37	10	11	33
5-Yr	181	110	71	12	6	6	9	12	8	1	1	16	26	20	17	30	17
7-Yr	157	109	48	4	2	2	5	8	22	5	0	0	32	21	23	19	14
10-Yr	121	88	33	1	6	2	9	15	0	0	0	0	16	23	15	10	24

The chart below illustrates the **percentage of times**<sup>1</sup> (based on total rolling periods) the Index’s return, measured from the beginning to the end of different time periods within the past 20 years, landed within various return ranges.

Total Rolling Periods	Total Gains	Total Losses	0 to -5%	-6 to -10%	-11 to -15%	-16 to -20%	-21 to -25%	-26 to -30%	-31 to -35%	-36 to -40%	< -40%	0% to 10%	11 to 20%	21 to 30%	31 to 40%	> 40%	
1-Yr	229	62%	38%	8%	8%	6%	8%	3%	1%	0%	1%	3%	20%	29%	9%	3%	1%
3-Yr	205	63%	37%	8%	6%	4%	3%	3%	3%	4%	4%	2%	18%	18%	5%	5%	17%
5-Yr	181	60%	40%	7%	3%	3%	5%	7%	4%	1%	1%	9%	14%	11%	9%	17%	9%
7-Yr	157	70%	30%	3%	1%	1%	3%	5%	14%	3%	0%	0%	21%	13%	15%	12%	9%
10-Yr	121	73%	27%	1%	5%	2%	7%	12%	0%	0%	0%	0%	13%	19%	13%	8%	20%

Source: Bloomberg. The charts above represent various rolling periods in the past 20 years with monthly observations commencing on December 31, 2002 and ending on December 30, 2022. The EURO STOXX 50<sup>®</sup> Index is an unmanaged group of securities, priced in Euros, and is considered to be representative of the Eurozone stock market in general. The gains and losses reflect the monthly price in Euros of the Index only, and therefore, do not include dividends. These charts are for illustrative purposes only. An investment cannot be made directly in an index. Past performance is no guarantee of future results.

<sup>1</sup> The above percentages have been expressed on a whole number basis for illustrative purposes.

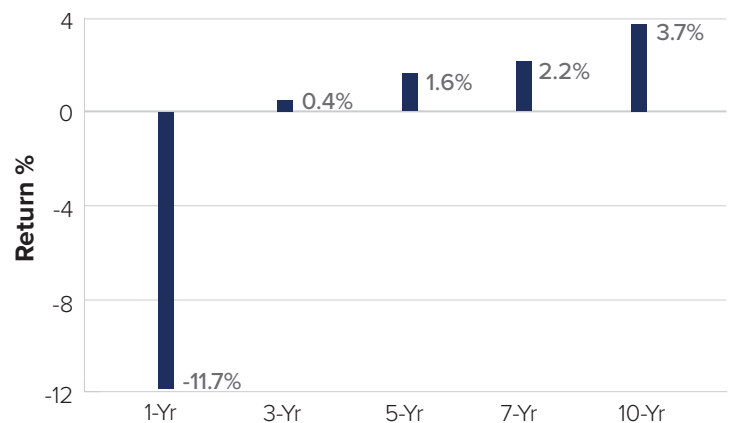
# EURO STOXX 50® Index

## Index information<sup>2</sup>

<b>Launch date</b>	February 26, 1998	
<b>Ticker</b>	SX5E	
<b>Stocks</b>	50	
<b>Sector weightings</b>	Consumer Discretionary	39.5%
	Information Technology	23.6%
	Financials	9.5%
	Consumer Staples	8.0%
	Industrials	7.6%
	Materials	6.4%
	Health Care	3.8%
	Energy	0.9%
	Real Estate	0.3%
	Communication Services	0.2%
	Utilities	0.2%

- Includes the 50 largest companies among the 20 supersectors in terms of free-float market cap in 9 Eurozone countries<sup>3</sup>
- Countries include Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands and Spain<sup>3</sup>

## Trailing returns as of December 30, 2022<sup>4</sup>



The graph above illustrates the Index's price return during the trailing 1-, 3-, 5-, 7-, and 10-year given periods.

<sup>2</sup> Source: Bloomberg as of December 30, 2022, in Euros.

<sup>3</sup> Source: STOXX as of November 30, 2022, in Euros.

<sup>4</sup> Source: Bloomberg as of December 30, 2022, in Euros. This chart is for illustrative purposes only. An investment cannot be made directly in an index. Past performance is no guarantee of future results. Returns for greater than 1 year are expressed in terms of compounded average annual returns. Returns do not include dividends, sales charges or management, administrative and other fees.



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