Insights

**ESG** 

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## Integrating the STOXX Europe 600 ESG-X Index in a Portfolio Context

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As part of their strategic asset allocation, investors can use the STOXX Europe 600 ESG-X index to gain broad European equity exposure while limiting exposure to certain types of contentious companies.

## How to Use this Index in a Portfolio Context?

The STOXX Europe 600 ESG-X index can be used as part of strategic (core) allocation within investment portfolios to gain exposure to broad European equities. The index is designed to maintain a similar risk profile to traditional beta benchmarks while removing controversial business areas, such as companies that have exposure to controversial weapons, tobacco and thermal coal, or that violate the Ten Principles of the United Nations Global Compact.

## Rationale Behind Applying Exclusions

Exclusionary screening is by far the most adopted sustainable investing approach, and 20% of globally invested assets exclude companies involved in controversial activities. These strategies deliberately avoid generating revenues from potentially objectionable activities, as depending on the nature of the screens, they may help mitigate reputational risks and promote ethical well-being.

A case in point for this type of investment approach can be found in the recently launched STOXX Europe 600 ESG-X index. Exclusionary criteria are applied to the STOXX Europe 600 benchmark. These restrictions include the removal of companies that are non-compliant with the Ten Principles of the United Nations Global Compact (UNGC) and those that are engaged in 'undesirable' activities, namely controversial weapons, tobacco or thermal coal.

For investors, excluding companies that fail to adhere to the UNGC Principles may make sense and be consistent with their investment philosophy. These Principles, which fall within the realm of human rights, labour, environment and anti-corruption issues, are designed to integrate sustainability into the heart of business operations, allowing for greater corporate transparency and accountability.

Removing controversial companies and undesirable industries may help mitigate reputational risks and promote ethical well-being. 33

Therefore, divesting companies implicated in violation of the UNGC Principles could help to alleviate a potential risk faced by investors, which may arise from an insufficient focus on governance and corporate culture. Deficiencies in internal corporate controls often foreshadow poor future behaviour. In this respect, investors can consider removals of badly managed companies as a longer-term risk management tool.

In addition to norms-based screening, such as that based on UNGC Principles, the STOXX Europe 600 ESG-X index discards companies involved in controversial industries, such as tobacco and weapons. In this instance, investors may view divestments as a mechanism to drive change in business strategies, activities and practices.<sup>2</sup>

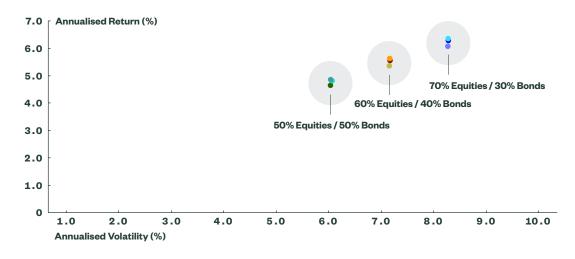
# Using the STOXX Europe 600 ESG-X Index as a Replacement for Core

Investors often fear that integrating exclusionary screens, or any type of ESG overlays, will inevitably undermine portfolio returns. To assess this, we created a number of simple stylized equity/fixed income portfolios to examine whether using the STOXX Europe 600X index as a replacement for popular benchmarks, such as STOXX Europe 600 index or MSCI Europe Index, have meaningfully changed their risk-return profile.

Over the time horizon under analysis, there appears to be little performance differential between the portfolios that used the STOXX Europe 600 ESG-X index, STOXX Europe 600 or MSCI Europe Index as their core European equity building block (see Figure 1). To further confirm that these building blocks delivered a similar risk-return profile, we focused our attention on the 70% equity/30% fixed income portfolios and ran additional statistics on them. The results in Figure 2 corroborate the finding above.

Figure 1
Risk-Return
Characteristics of Various
Blends of Equities (With
and Without Exclusionary
Filters) and Fixed Income

- 50% STOXX Europe 600 ESG-X / 50% Bond
- 50% STOXX Europe / 50% Bond
- 50% MSCI Europe / 50% Bond
- 60% STOXX Europe 600 ESG-X / 40% Bond
- 60% STOXX Europe / 40% Bond
- 60% MSCI Europe / 40% Bond
- 70% STOXX Europe 600 ESG-X / 30% Bond
- 70% STOXX Europe / 30% Bond
- 70% MSCI Europe / 30% Bond



Source: Morningstar, State Street Global Advisors, as of 31 July 2019. Monthly Data between April 2012 to July 2019. "Bond" is represented by the Bloomberg Barclays Euro Treasuries 1–3 Years Index."STOXX Europe ESGX" is represented by the STOXX Europe 600 ESG-X Index and "MSCI Europe" is represented by the MSCI Europe Index. Past performance is not a guarantee of future results. The inception date for the STOXX Europe 600 ESG-X index was 15 November 2018. Results prior to this date were calculated by using available data at the time in accordance with the Index's current methodology. Index returns reflect capital gains and losses, income, and the reinvestment of dividends. **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.

Figure 2
Selected Risk-Return
Characteristics of
Equity-Fixed Income
Portfolios Containing
Different European Equity
Benchmarks (With and
Without Exclusionary

	Replacing STOXX Europe 600 Index as Core		Replacing MSCI Europe Index as Core	
	70% STOXX Europe 600 ESG-X Index / 30% Bonds	70% STOXX Europe 600 Index / 30% Bonds	70% STOXX Europe 600 ESG-X Index / 30% Bonds	70% MSCI Europe Index / 30% Bonds
Annual Return	6.4%	6.3%	6.4%	6.1%
Annual Volatility	8.3%	8.3%	8.3%	8.3%
Market Beta	1.00	1.00	1.00	1.00
Sharpe Ratio	0.8	0.8	0.8	0.7
Maximum Drawdown	-11.3%	-11.0%	-11.3%	-11.5%

Source: State Street Global Advisors, Bloomberg Finance L.P., as of 31 July 2019. "Bond" is represented by the Bloomberg Barclays Euro Treasuries 1–3 Years Index. "STOXX Europe ESGX" is represented by the STOXX Europe 600 ESG-X Index and "MSCI Europe" is represented by the MSCI Europe Index. Past performance is not a guarantee of future results. The inception date for the STOXX Europe 600 ESG-X index was 15 November 2018. Results prior to this date were calculated by using available data at the time in accordance with the Index's current methodology. Index returns reflect capital gains and losses, income, and the reinvestment of dividends.

## Assessing the ESG Profile

Filters)

Portfolio with STOXX Europe 600 ESG-X vs. Portfolio with STOXX Europe 600 Next, we examined the ESG profile of portfolios of the STOXX 600 Europe ESG-X index and the STOXX 600 Europe index, using both Sustainalytics and State Street Global Advisors R-Factor™ scores. R-Factor™ scores are computed on the basis of the ESG components of each of the individual companies, whereas the STOXX 600 ESG-X methodology removes companies that violate the UNGC Principles and are exposed to certain sectors.

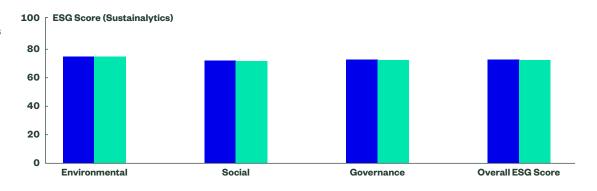
Figures 3a and 3b show that there is a very slight improvement in the ESG profile of the portfolio that uses STOXX Europe 600 ESG-X index, rather than the STOXX Europe 600 index. This can be expected, as the STOXX Europe ESG-X index is designed to root out European companies that do not comply with the UNGC Principles as well as those that are involved in controversial business activities, rather than specifically to target companies with a strong ESG profile. Refer to Figure 4 to see the index weight of the companies removed when applying the exclusionary filters in the STOXX Europe 600 ESG-X index.

Figure 3a
ESG Profile of Portfolios
with Different European
Equity Benchmarks

Sustainalytics Scoring

70% STOXX Europe 600 ESG-X / 30% Bonds 70% STOXX Europe /

30% Bonds



Source: FactSet, State Street Global Advisors, as of 31 July 2019. Only the equity component has been taken into account in the computation of the portfolio ESG score.

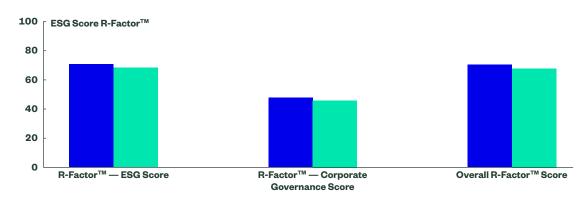
#### Figure 3b

## ESG Profile of Portfolios with Different European Equity Benchmarks

R-Factor™ Scoring\*



70% STOXX Europe / 30% Bonds



Source: FactSet, State Street Global Advisors, as of 31 July 2019. Only the equity component has been taken into account in the computation of the portfolio ESG score.

\* The R-Factor<sup>TM</sup> score is composed of ESG scores, an aggregate of the industry-specific ESG scores from four specialist ESG data providers (Sustainalytics, Vigeo-Eiris and ISS-ESG), on the basis of the Materiality framework developed by Sustainability Accounting Standards Board (90% of overall score) and Corporate Governance scores from ISS-Governance (10% of overall score).

Figure 4
Total Exposure of
Companies Excluded in
the STOXX Europe 600
ESG-X Index

	STOXX Europe 600 ESG-X Index	STOXX Europe 600
Non-compliance of UN Global Compact Criteria	0.0	3.1
Controversial Weapons Involvement	0.0	2.1
Tobacco	0.0	1.2
Thermal Coal	0.0	0.3
Total Index Weight	0.0	6.7

Source: STOXX, as of 31 July 2019. Characteristics are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular sector or to buy or sell any security shown. It is not known whether the sectors or securities shown will be profitable in the future.

#### **Endnotes**

- 1 2018 Global Sustainable Investment Review.
- 2 Demystifying negative screens: The full implication of ESG exclusions, Schroder, December 2017.

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The SPDR ETF Portfolio Research & Analysis team provides in-depth portfolio analytics to assist clients with their asset allocation, portfolio construction, and risk management.

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