# Europe ex UK ESG Screened Index Equity Sub-Fund

31 March 2023

## **Fund Objective**

The Sub-Fund aims to track the FTSE® Developed Europe ex UK ex Controversies ex CW Index, or its recognised replacement or equivalent.

## **Investment Strategy**

The Sub-Fund primarily invests at all times in a sample of equities constituting the Index with such other securities as MPF shall deem it necessary to capture the performance of the Index. Stock index futures can be used for efficient portfolio management.

The following are excluded by the index provider from the index: Controversies (as defined by the ten principles of the UN Global Compact); Controversial weapons (including chemical & biological weapons, cluster munitions and anti-personnel landmines).

#### **Benchmark**

FTSE Developed Europe ex UK ex Controversies ex CW Index

#### **Structure**

Limited Company

#### **Domicile**

United Kingdom

Fund Facts	
NAV	8.63 GBP as of 31 March 2023
Currency	GBP
Net Assets (millions)	1,905.13 GBP as of 31 March 2023
Inception Date	01 October 1995
Investment Style	Index
Zone	Europe Ex United Kingdom
Settlement	Redemption Settlement Cycle, DD+2; Subscription Settlement Cycle, DD+2
Notification Deadline	DD-1 10:00am London time
Valuation	Daily market close
Minimum Initial Investment	GBP .00
Minimum Subsequent Investment	GBP .00
Management Fees	Charged Outside fund, direct to client
Embedded Costs	N/A
Spreads	
Subscription	0.11%
Redemption	0.03%

#### **Performance**

Annualised	Fund	Benchmark	Difference
1 Year (%)	8.21	7.68	0.53
3 Year (%)	15.73	15.48	0.25
5 Year (%)	7.93	7.78	0.15
Since Inception (%)	8.15	8.08	0.08
Cumulative			
3 Month (%)	8.70	8.70	0.00
1 Year (%)	8.21	7.68	0.53
3 Year (%)	54.95	53.94	1.01
5 Year (%)	46.47	45.46	1.01
Since Inception (%)	763.18	746.59	16.58
Calendar			
2023 (year to date)	8.70	8.70	0.00
2022	-7.50	-8.15	0.66
2021	17.68	17.33	0.34
2020	8.37	8.61	-0.24
2019	20.08	20.23	-0.15

#### Past performance is not a guarantee of future results. Investing involves risk including the risk of loss of capital.

Performance returns for periods of less than one year are not annualised.

Returns are gross of fees (based on unit price) and net of irrecoverable withholding tax.

The index returns are unmanaged and do not reflect the deduction of any fees or expenses. The index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income. The performance includes the reinvestment of dividends and other corporate earnings and is calculated in GBP. Please note the historic index returns for a number of benchmarks have been restated by FTSE. The historic benchmark index returns contained within this factsheet are the restated historic benchmark index returns. The fund's returns are unaffected by this restatement.

The calculation method for value added returns may show rounding differences. When the Fund is closed according to its official Net Asset Value (NAV) calendar but, nonetheless, a significant portion of the underlying security prices can be determined, a Technical NAV is calculated. Past Performance indicated herein has therefore been calculated using a Technical NAV when required, as well as the official NAV of the Fund as at each other business day for the relevant period.

Any spreads disclosed are indicative only and are subject to the discretion of the investment manager, based

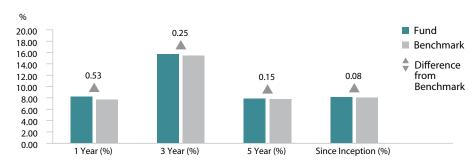
on market conditions at the time of transaction.

Previous to 19 November 2020, the Fund was known as Europe ex UK Equity Index Sub-Fund, tracking the FTSE ® Developed Europe ex UK Index.

Source: SSGA.

All data is as at 31/03/2023

#### **Annualised Performance**



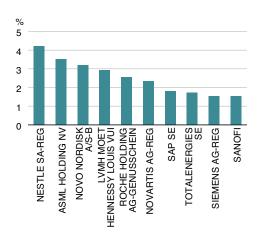
## **Fund Characteristics**

	Fund	Benchmark
Weighted Av. Market Cap (m)	£68,455	£68,357
Av. Price/Book	2.01	2.00
Price/Earnings (Forward 1yr)	13.80	13.77
Weighted Harmonic Av. Price/Cash flow	7.92	7.89
Dividend Yield (%)	2.98	2.98
Number of Holdings	434	439

## **Ratios**

	3 Years
Standard Deviation (%)	14.76
Tracking Error (%)	0.26
Beta	0.99

Top 10 Holdings	Weight (%)
NESTLE SA-REG	4.23
ASML HOLDING NV	3.53
NOVO NORDISK A/S-B	3.19
LVMH MOET HENNESSY LOUIS VUI	2.93
ROCHE HOLDING AG-GENUSSCHEIN	2.55
NOVARTIS AG-REG	2.35
SAP SE	1.80
TOTALENERGIES SE	1.73
SIEMENS AG-REG	1.55
SANOFI	1.53



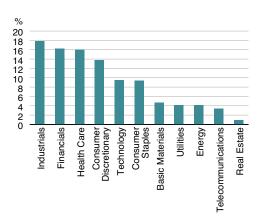
#### For More Information

Visit our website www.ssga.com or contact your representative SSGA office.

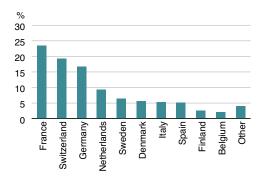
Anna Hayes Client Relationship Manager +44 (0) 20 3395 6129 Chris Edwards

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Sector Allocation	Fund (%)
Industrials	17.86
Financials	16.23
Health Care	15.99
Consumer Discretionary	13.74
Technology	9.45
Consumer Staples	9.40
Basic Materials	4.70
Utilities	4.16
Energy	4.14
Telecommunications	3.40
Real Estate	0.94
Total	100.00



Country Allocation	Fund (%)
France	23.54
Switzerland	19.34
Germany	16.68
Netherlands	9.31
Sweden	6.48
Denmark	5.64
Italy	5.25
Spain	5.11
Finland	2.52
Belgium	2.09
Other	4.05
Total	100.00



Source: SSGA.

Effective 22 March 2021, the index provider transitioned to the new ICB framework. The changes included: renaming the "Oil & Gas" industry to "Energy", breaking out "Real Estate" from the "Financial" industry and creating an 11th industry named "Real Estate", and reclassifying the "Consumer Goods" and "Consumer Services" industries as "Consumer Staples" and "Consumer Discretionary". The Industry Classification Benchmark (ICB) is an industry classification taxonomy used by FTSE International and STOXX.

Characteristics, holdings and country allocations shown are as of the date indicated and are subject to change

Please note that full details of underlying fund holdings can be found on www.ssga.com.

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We recommend you read the MPF Key Features Document and Policy Document for full details about the Fund, including fees and risks. Please refer to the "General Risks Applicable to All Sub-Funds" and to the relevant "Sub-Fund Specific Risk Factors" sections of the "Key Features of Managed Pension Funds Limited" document, which is available at: https://www.ssga.com/publications/firm/Key-Features-of-Managed-Pension-Funds-Limited.pdf

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TER Max represents the fund's aggregate operating and management fees excluding transaction costs. Transaction costs are billed separately to the fund.

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#### Glossary:

#### Price/Earnings Ratio FY1

The average of the price of each underlying security divided by the mean EPS estimate of the security for the next unreported fiscal year, as of the report date.

#### Average Price/Book

The average of the price of each underlying security divided by the Book value per share of the security, as of the report date.

#### **Index Dividend Yield**

The average of the Annual dividends per share (DPS) of each underlying security in the index as of the report date divided by the price of the security as of the report date.

#### TER

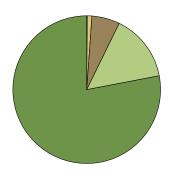
Total Expense Ratio is a fee charged to the fund, as a percentage of the Net Asset Value, to cover costs associated with operation and management of the portfolio of assets.

# R-Factor<sup>™</sup> Summary

R-Factor™ is built off a transparent scoring methodology that leverages the Sustainability Accounting Standards Board (SASB) Materiality Map, corporate governance codes, and inputs from four best-in-class ESG data providers. R-Factor supports the development of sustainable capital markets by giving investors the ability to invest in solutions that integrate financially material ESG data while incentivizing companies to improve their ESG practices and disclosure in areas that matter.

## **Fund R-Factor Profile**

Not Available	0.07%
Laggard	0.05%
Underperformer	1.01%
Average Performer	6.12%
Outperformer	14.74%
Leader	78.00%



Source: Factset/SSGA as of 28 Feb 2023

#### **R-Factor**

R-Factor Summary	Fund
R-Factor	76

Source: Factset/SSGA as of 28 Feb 2023

Fund Coverage	Count	Percent of Total Securities	Percent of Total Market Value
R-Factor Securities Coverage	430	99.08%	99.93%
Total Number of Securities in Fund	434		

Source: Factset/SSGA as of 28 Feb 2023

Top 10 Positions	Fund Weight	R-Factor Rating
Nestle S.A.	4.23%	83
ASML Holding NV	3.53%	81
Novo Nordisk A/S Class B	3.19%	76
LVMH Moet Hennessy Louis Vuitton SE	2.93%	70
Roche Holding Ltd Dividend Right Cert.	2.55%	73
Novartis AG	2.35%	89
SAP SE	1.80%	90
TotalEnergies SE	1.73%	81
Siemens Aktiengesellschaft	1.55%	79
Sanofi	1.53%	90

Source: Factset/SSGA as of 28 Feb 2023

#### **Top 5 R-Factor Ratings**

Danone SA	0.49%	100
Schneider Electric SE	1.15%	98
Teleperformance SA	0.18%	97
L'Oreal S.A.	1.42%	95
Capgemini SE	0.38%	95

Source: Factset/SSGA as of 28 Feb 2023

# **Bottom 5 R-Factor Ratings**

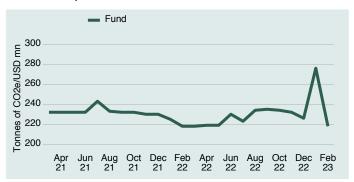
CTS Eventim AG & Co. KGaA	0.05%	27
PSP Swiss Property AG	0.07%	33
Lifco AB Class B	0.07%	34
RATIONAL AG	0.04%	35
Just Eat Takeaway.com N.V.	0.05%	36

Source: Factset/SSGA as of 28 Feb 2023

The R-Factor summary reflects certain ESG characteristics only, and does not reflect the fund's performance. Please see Important Information section for more information and definitions of the ESG Metrics presented. The stocks mentioned are not necessarily holdings invested in by SSGA. References to specific company stocks should not be construed as recommendations or investment advice. The statements and opinions are subject to change at any time, based on market and other conditions.

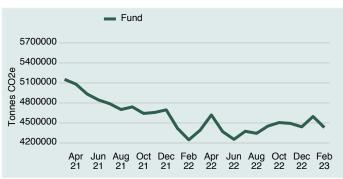
## **Climate Profile**

## Carbon Intensity



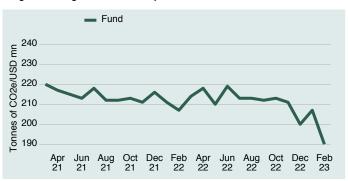
Source: SSGA Holdings as of 31 Mar 2023. Trucost data as of 28 Feb 2023.

# Scope 1 + 2 Carbon Emissions



Source: SSGA Holdings as of 31 Mar 2023. Trucost data as of 28 Feb 2023.

# Weighted Average Carbon Intensity



Source: SSGA Holdings as of 31 Mar 2023. Trucost data as of 28 Feb 2023.

#### **Total Reserves Carbon Emissions**



Source: SSGA Holdings as of 31 Mar 2023. Trucost data as of 28 Feb 2023.

# Stewardship Profile As of 31 Mar 2023

Stewardship Profile	Q4 2022
Number of Meetings Voted	26
Number of Countries	12
Management Proposals  Votes "For"	92.68%
	7.32%
Votes "Against"  Shareholder Proposals	10
With Management	100.00%
Against Management	0.00%

Figures are based on State Street Global Advisors' general approach to voting at the companies held by the Fund at quarter end. This information is not a substitute for a proxy voting report, which can be requested through your relationship manager. State Street Global Advisors' (SSGA) asset stewardship program is aimed at engaging with our fund companies on issues that impact long-term value creation across environmental, social and governance (ESG) considerations. In the recent past, SSGA has issued extensive guidance on key governance matters such as effective, independent board leadership. SSGA's current focus is on helping boards think about the possible impacts of environmental and social issues and incorporating a sustainability lens into boards' oversight of long-term strategy as a sound business practice.

## **Gender Diversity**

Women on Board	Number of Securities
0	3
1	19
2	48
3	79
4	93
5	77
6	63
7	28
8	15
9	4
10	2
10+	2
Not Available	1
Total	434

Source: Factset/SSGA as of 28 Feb 2023

#### R-Factor™

R-Factor™ is an ESG scoring system that leverages commonly accepted materiality frameworks to generate a unique ESG score for listed companies. The score is powered by ESG data from four different providers in an effort to improve overall coverage and remove biases inherent in existing scoring methodologies. R-Factor™ is designed to put companies in the driver's seat to help create sustainable markets.

companies in the driver's seat to help create sustainable markets. **R-Factor<sup>TM</sup> Scores** are comparable across industries. The ESG and Corporate Governance (CorpGov) scores are designed to be based on issues that are material to a company's industry and regulatory region. A uniform grading scale allows for interpretation of the final company level score to allow for comparison across companies.

company's industry and regulatory region. A uniform grading scale allows for interpretation of the final company level score to allow for comparison across companies.

The R-Factor<sup>TM</sup> scoring process comprises two underlying components. The first component is based on the framework published by the Sustainability Accounting Standards Board ("SASB"), which is used for all ESG aspects of the score other than those relating to corporate governance issues. The SASB framework attempts to identify ESG risks that are financially material to the issuer-based on its industry classification. This component of the R-Factor<sup>TM</sup> score is determined using only those metrics from the ESG data providers that specifically address ESG risks identified by the SASB framework as being financially material to the issuer-based on its industry classification.

The second component of the score, the CorpGov score, is generated using region-specific corporate governance codes developed by investors or regulators. The governance codes describe minimum corporate governance expectations of a particular region and typically address topics such as shareholder rights, board independence and executive compensation. This component of the R-Factor™ uses data provided by ISS Governance to assign a governance score to issuers according to these governance codes. Responsible-Factor (R Factor) scoring is designed by State Street to reflect carrier ESG characteristics and does not represent investment performance. Results generated out of the scoring model is based on sustainability and corporate governance dimensions of a scored entity. The returns on a portfolio of securities which exclude companies that do not meet the portfolio's specified ESG criteria may trail the returns on a portfolio of securities which

The returns on a portfolio of securities which exclude companies that do not meet the portfolio's specified ESG criteria may trail the returns on a portfolio of securities which include such companies. A portfolio's ESG criteria may result in the portfolio investing in industry sectors or securities which underperform the market as a whole.

#### R-Factor™ Profile

Within each industry group, issuers are classified into five distinct ESG performance groups based on which percentile their R-Factor™ scores fall into. A company is classified in one of the five ESG performance classes (Laggard - 10% of universe, Underperformer - 20% of universe, Average Performer - 40% of universe, Outperformer - 20% of universe or Leader - 10% of universe) by comparing the company's R-Factor™ score against a band. R-Factor™ scores are normally distributed using normalized ratings on a 0-100 rating scale.

For examples of public language regarding R-Factor see the ELR Registration Statement here: https://www.sec.gov/Archives/edgar/data/1107414/000119312519192334/d774617d497.htm

#### **Carbon Intensity**

Measured in Metric tons CO2e/USD millions revenues. The aggregation of operational and first-tier supply chain carbon footprints of index constituents per USD (equal weighted).

#### **Weighted Average Carbon Intensity**

Measured in Metric tons CO2e/USD millions revenues. The weighted average of individual company intensities (operational and first-tier supply chain emissions over revenues), weighted by the proportion of each constituent in the index.

# Scope 1+2 Carbon Emissions

Measured in Metric tons of CO2e. The GHG emissions from operations that are owned or controlled by the company, as well as GHG emissions from consumption of purchased electricity, heat or steam, by the company.

## **Total Reserves CO2 Emissions**

Measured in Metric tons of CO2. The carbon footprint that could be generated if the proven and probable fossil fuel reserves owned by index constituents were burned per USD million invested. Unlike carbon intensity and carbon emissions, the S&P Trucost Total Reserves Emissions metric is a very specific indicator that is only applicable to a very selected number of companies in extractive and carbon-intensive industries. Those companies are assigned Total Reserves Emissions numerical results by Trucost, whereas the rest of the holdings in other industries do not have numerical scores and are instead displaying "null", blank values. In order to present a more comprehensive overview of a portfolio's overall weighted average fossil fuel reserves, State Street Global Advisors replaces blank results with "zeros". While that might slightly underestimate the final weighted average volume, it provides a more realistic result, given that most companies in global indices have no ownership of fossil fuel reserves.

#### **Gender Diversity**

We are currently using FactSet's own "People" dataset to disclose the number of women on the board, for each company in the Fund's portfolio.

Data and metrics have been sourced as follows from the following contributors as of the date of this report, and are subject to their disclosures below. All other data has been sourced by SSGA.

Trucost Sections: Carbon Intensity, Weighted Average Carbon Intensity, Scope 1 +2 Carbon Emissions, Total Reserves CO2 Emissions

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