

# Combating Climate Change



Climate change is the #1 top priority of the 3000+ UN PRI signatories. To prevent warming beyond 1.5°C, emissions need to be reduced by 43% by 2030.<sup>1</sup>

### **Climate Change is Here**

Carbon emissions from energy use are rising at the fastest rate since  $2011^2$ 

## And It's an Investment Issue

We believe the transition to a low-carbon economy will create substantial opportunities and radically transform the investment landscape.

75%	of the world's greenhouse gases are carbon dioxide, largely the product of burning fossil fuels. <sup>3</sup>	30M	people employed in the fossil fuel sector. <sup>6</sup>
20	of the warmest years in recorded history occurred in the last 22 years. <sup>4</sup>	\$1T	estimated windfall from the energy transition, potentially much more once all positive externalities are included. <sup>7</sup>
<b>1M+</b>	species are at risk of extinction by climate change. <sup>5</sup>	17M+	estimated extra jobs required by 2030 as the world transitions to renewable energy. <sup>8</sup>

We believe climate change is one of the largest risks in portfolios today. With the right approach, it also presents one of the greatest investment opportunities.

# Introducing the State Street Sustainable Climate Bond Strategy

Our strategy helps investors do their part and positions their portfolios for the coming low-carbon economy.

# Green Revenues

# **2.5**x

or greater increase in green bonds (recognised as green according to the green bond standards and taxonomy defined by the Climate Bonds Initiative).<sup>9</sup>

**Fossil Fuel Reserves** 



reduction measured by embedded emissions in CO<sub>2</sub>. Actual reserves in tons.<sup>9</sup> **Adaptation Scores** 

0.167

below which a company will be ineligible for inclusion.<sup>9</sup>

**Brown Revenues** 

-95%

reduction on percentage of revenues from extractive activities such as mining. $^{9}$ 

### **Carbon Emission Intensity**



or greater reduction of direct and first-tier indirect emissions (total carbon tons  $CO_2$ ).<sup>9</sup>



- 1 Source UN Environment Program, 2021.
- 2 Source: International Energy Agency.
- 3 Source: UN Climate Group.
- 4 Source: NASA
- 5 Source: BBC. United Nations. 2021.
- 6 Source: European Union, Employment in the Energy Sector Status Report 2020.

- 7 Source: CarbonTracker, 2019.
- 8 Source: IRENA 2021.
- 9 The target figures given are estimates based on certain assumptions and analysis made by SSGA. There is no guarantee that the estimates will be achieved.
- 10 The Adaptation Score scale is 0 (lowest) to 1 (highest).

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**Marketing Communication** 

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T:+81-3-4530-7380. Financial Instruments Business Operator, Kanto Local Financial Bureau (Kinsho #345), Membership: Japan Investment Advisers Association, The Investment Trust Association, Japan, Japan Securities Dealers' Association. **Netherlands**: State Street Global Advisors Netherlands, Apollo Building 7th floor, Herikerbergweg 29, 1101 CN Amsterdam, Netherlands. T: +31 20 7181 000. State Street Global Advisors Netherlands is a branch office of State Street Global Advisors Europe Limited, registered in Ireland with company number 49934, authorised and regulated by the Central Bank of Ireland, and whose registered office is at 78 Sir John Rogerson's Quay, Dublin 2. Singapore: State Street Global Advisors Singapore Limited, 168, Robinson Road, #33-01 Capital Tower, Singapore 068912 (Company Reg. No: 200002719D, regulated by the Monetary Authority of Singapore). T: +65 6826-7555. F: +65 6826-7501 Switzerland: State Street Global Advisors AG, Beethovenstr. 19, CH-8027 Zurich. Registered with the Register of Commerce Zurich CHE-105.078.458. T: +41 (0)44 245 70 00. F: +41 (0)44 245 70 16. United Kingdom: State Street Global Advisors Limited. Authorised and regulated by the Financial Conduct Authority. Registered in England. Registered No. 2509928. VAT No. 5776591 81. Registered office: 20 Churchill Place, Canary Wharf, London, E14 5HJ, T: 020 3395 6000. F: 020 3395 6350. United States: State Street Global Advisors, 1 Iron Street, Boston, MA 02210-1641. T: +1 617 786 3000.

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