

Global Challenge Initiative

Environment and Natural Resource Security

COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

The world needs to achieve inclusive economic growth while combating climate change and other natural resource challenges. **How?**

Overview

The World Economic Forum has aligned its activities to accelerate progress in tackling the most significant global challenges through sustained public-private collaboration.

Our global environment and economic security are indelibly intertwined. Increasing levels of greenhouse gases, environmental degradation and natural resource depletion are some of the most significant risks to achieving sustainable growth.

Responding to this challenge requires breaking down traditional silos and developing new forms of cooperation and innovation across the public and private sectors to quickly effect change at scale.

The **Global Challenge Initiative on Environment and Natural Resource Security** brings together leading experts and practitioners. They share the latest information and work on taking action together through selected large-scale public-private initiatives which help achieve economic growth and combat climate change and other natural resource challenges.

Get involved

Stakeholders engage by joining the Global Challenge Core Community, and contributing leadership, insights, best-practice sharing and active engagement to the various projects linked to this Global Challenge.

Interactions occur throughout the year, through physical events, virtual meetings and activities on the Forum's Global Agenda Platform. For business, participation in the Core Community requires engagement as a Global Challenge Partner.

Members of the Core Community are eligible to be invited to join a group of Global Agenda Trustees, delivering strategic stewardship to the Global Challenge Initiative activities and demonstrating global leadership to advance progress on the issue.

A unique global platform for action

By engaging with the Forum on global environmental, resource security and climate change issues, participants can:

- Lend support for the French government in the lead up to the UN climate change conference in Paris in December 2015
- Contribute to the climate change action agenda, including a CEO climate leaders group and several sector-based initiatives such as the Oil and Gas Climate Initiative
- Support the Tropical Forest Alliance (TFA), a \$9m global public-private partnership designed to help slow tropical deforestation and address climate change
- Partner with the Water Resources Group and the associated Urban Water Alliance, benefiting from \$12 million in support and partnership with the World Bank Group
- Engage with other leading businesses in transforming value chains to become circular in their materials flows, triggering new innovation and value as a result

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2015 is the time for global action to respond to the increasingly urgent challenge of human-induced climate change. The initiatives that emerge from the World Economic Forum can help keep ambition high in a year when the stars are aligned for the world to take historic action to transform lives and protect the planet.

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Ban Ki-moon, Secretary-General, United Nations, New York



Working together to spur economic growth and reduce global emissions by an extra 10 billion tonnes of CO₂ equivalent

Core projects

Climate Change: Delivering Climate Solutions

This initiative contributes to the global processes on climate change. Workstreams include:

- Strategic engagement with the UN and French government on promoting public-private initiatives at the UN climate change conference in Paris in December 2015
- A CEO Climate Leaders group involving more than 70 global chief executives
- An initiative to integrate climate/carbon risks into the financial system, working with insurers, investors, academics, governments and financial analysts
- The Oil and Gas Climate Initiative, a coalition of chief executives from international and national oil companies focusing on methane and gas-flaring reduction, cleaner gas, carbon instruments and other long-term solutions
- Value-chain solutions, a coalition of over 40 companies exploring ways to reduce emissions and improve resource/energy efficiency, including bio-based solutions, materials revolution, product design and optimization as well as data analytics and intelligence

Tropical Forest Alliance 2020

A US\$ 9m global public-private partnership hosted by the Forum and based on the Consumer Goods Forum commitment to achieve zero net tropical deforestation by 2020. Its goal is to mobilize and help coordinate actions by governments, the private sector and civil society to reduce tropical deforestation related to such key agricultural commodities as palm oil, paper and pulp, soy and beef.

Circular Economy – Project Mainstream

This platform helps over 50 companies and organizations collaborate to eliminate waste and yield new economic and business opportunities, including workstreams to eliminate waste in plastics, enable constant paper and board reuse, and create an open digital architecture to reimagine asset tracking of key materials.

Global Water Initiative

This initiative supports the World Bank-hosted 2030 Water Resources Group, a global public-private partnership for better national water resource management; and the Urban Water Alliance, a partnership with the G77 chair to mobilize new collaboration to invest in innovative urban water and wastewater design in developing countries, especially fast-growing, second-tier cities.

Key organizations involved include:

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|--------------------------------------|-----------------------------------|
| - Accenture | - Pension Danmark |
| - AB Volvo | - Pepsico |
| - Acciona | - Royal DSM |
| - Allianz | - Royal Philips |
| - BT Group | - SAB Miller |
| - The Banking Environment Initiative | - Schneider Electric |
| - The Coca-Cola Company | - Sinar Mas Agribusiness and Food |
| - The Dow Chemical Company | - Statkraft |
| - Enel Spa | - Suez Environment |
| - Ericsson | - Suzlon Energy |
| - GDF Suez | - Swiss Re |
| - Hindustan Construction Company | - The Nature Conservancy |
| - HSBC Holdings | - Toshiba Corporation |
| - Iberdrola | - Total |
| - IKEA Group | - Unilever |
| - ING Group | - UNFCCC |
| - Lafarge | - Veolia |
| - Marks and Spencer | - Vestas Wind Systems |
| - McKinsey & Company | - Wilmar International |
| - Munich Re | - Wipro |
| - Nestlé | - The World Bank Group |
| | - World Resources Institute |

Key dates

