

Powering the Ocean Breakthrough: Focus on Renewable Energy

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THE OCEAN BREAKTHROUGHS



MARINE CONSERVATION

By 2030, investments of at least \$72 bn secure the integrity of ocean ecosystems by protecting, restoring, and conserving at least 30% of the ocean for the benefit of people, climate, and nature.

MANGROVE
BREAKTHROUGH

CORAL
BREAKTHROUGH



OCEAN-BASED TRANSPORT

SHIPPING BREAKTHROUGH
By 2030, zero emission fuels make up 5% of international shipping's energy demand. 450,000 seafarers need to be retrained and upskilled. At least 30% of global trade needs to move through climate-adapting ports.



COASTAL TOURISM

Coming up soon



AQUATIC FOOD

By 2030, provide at least \$4 bn per year to support resilient aquatic food systems that will contribute to healthy, regenerative ecosystems, and sustain the food and nutrition security for 3 billion people.



OCEAN RENEWABLE ENERGY

By 2030, install at least 380 GW of offshore capacity while establishing targets and enabling measures for net-positive biodiversity outcomes and advocate for mobilizing \$10 bn in concessional finance for developing economies to reach that goal.

Marrakech
Partnership



Global Climate Action



ROAD TO RESILIENCE



OCEAN & CLIMATE
PLATFORM

2024-2025 Roadmap: Main Outcomes

October 2024:
**Launch of the Ocean
Breakthroughs at
CBD COP 16
(Cali, Colombia)**

November 2024:
**Launch of the Coastal
Tourism Breakthrough
at UNFCCC COP 29
(Baku, Azerbaijan)**

November 2025:
**Launch of a tracking
mechanism at UNFCCC
COP 30 (Belem, Brazil)**

The Ocean Renewable Energy Breakthrough

“By 2030, install at least 380 GW of offshore capacity while establishing targets and enabling measures for net-positive biodiversity outcomes and advocate for mobilizing \$10 billion in concessional finance for developing economies to reach that goal.”



Orsted



The Ocean Renewable Energy Breakthrough

Mitigation

- Major source of clean energy (reducing GHG emissions, improving air quality, etc.)

Resilience

- Reliable and predictable source of energy
- Diversified energy mix

Biodiversity

- Net-positive biodiversity outcomes achieved through marine spatial planning and innovation

Cumulative Capacity (GW)

2000
1600
1200
800
400
0

2010 2020 2030 2040 2050

Year

2000 GW
IEA and IRENA Net Zero
Scenario Estimates

~1400 GW
OREAC Industry Group
Global Targets for 2050

~380 GW
Global Policy
Commitments Targets for
2030



GLOBAL OFFSHORE WIND TRAJECTORY

Thank you
#OceanforClimate

