Collaboration with the UNEP-CCC

32nd Meeting of the UNFCCC Technology Executive Committee

Korea, April 2026

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Climate Technology Progress Report 2026

Working title: Beyond the Blue Horizon

- As Parties prepare for COP31 (2026), the ocean is gaining prominence as a critical component of the global climate agenda.

- Safeguarding the ocean carbon sink requires integrating climate objectives into ocean governance, protection, and investment decisions.

The 2026 report focus on

- the ocean's dual role as a carbon sink and a foundation of climate resilience, requiring aligned action on ecosystem protection, adaptation, and sustainable ocean-based livelihoods
- How to safeguard the ocean's climate function while managing emerging risks and uncertainties, focusing on the role of technology in achieving this

It highlights technologies across three domains:

- Protecting and enhancing natural ocean carbon systems
- Strengthening ocean carbon monitoring, intelligence, and data infrastructure
- Advancing emerging marine carbon dioxide removal approaches

It includes a chapter with particular attention to SIDS

Climate Technology Progress Report 2026

The ambition of the Report series is to:

- ✓ **provide scientifically credible and policy relevant assessments** of different aspects of tech transfer in key areas;
- ✓ **deliver information** relevant to the UNFCCC process, including to the implementation of the Paris Agreement;
- ✓ inform **country action** on tech transfer and enabling environments;
- ✓ **Bridge between science and practise** through engaging countries in the process, making it a forum for countries to discuss and inform the assessment

How climate technologies are advancing across key ocean-related domains, including blue carbon ecosystems, ocean-carbon intelligence, and marine CDR,

- *what progress has been achieved,*
- *which factors are enabling or constraining development, and*
- *which pathways can accelerate the deployment, accessibility, and implementation of these technologies across different national and regional contexts.*

Structure of the report

Chapter 1: Introduction, setting the scene

Part I (Global focus)

Chapter 2: State of the Ocean Carbon Sink

Chapter 3: Priority Response Areas (technologies), *Christopher Pearce (National Oceanography Centre, NOC)*

Chapter 4: Policy Implications. *Francis X Johnson (Stockholm Environment Institute, SEI)*

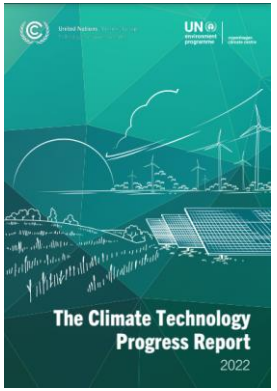
Part II (regional focus)

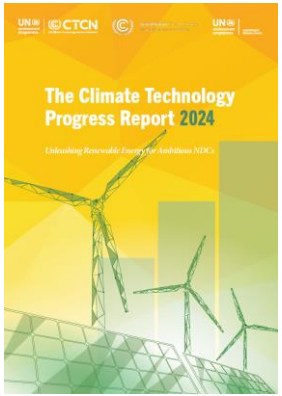
Chapter 5: SIDS, *Michelle DeFreese (Pacific Community, SPC), Laura Ramajo (Center for Climate and Resilience Research, Chile)*

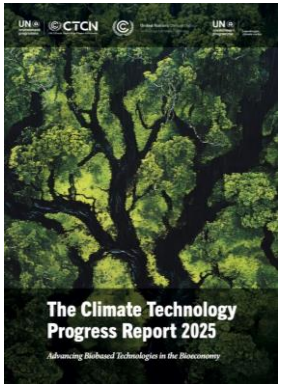
Role of TEC and CTCN AB

1. Representation in the Steering Committee (SC), which
   - guides the report production by selecting themes and lead authors (as per an agreed process)
   - reviews and signs off on the report chapters and the executive summary
   - provides overall strategic advice.
   - meets regularly (ca. every 8 weeks, online)
2. Jointly launch and present the report at different occasions
3. Co-sign foreword
4. Co-branding

In 2024, the TEC prepared key messages from the 2022 and 2023 CTPR to the COP through the JAR







Next steps and launch

- 11 - 12 May: in-person lead author meeting
- 8 - 22 June: 1st draft circulated for review
- 20 July – 3 August : 2nd draft circulated for review
- 23 Sept – 15 Oct: Layout
- 31 August: final draft
- September – October: Editorial, layout and final approval process
- **29 October: Launch**
- 29 Oct – 20 Nov (and beyond): SoMe Promotion
- 9 – 20 Nov: dissemination at COP31 event(s)

Communication and Uptake, 2025 edition

- Total downloads UNEP-CCC website 1.491.
  In addition, the report is available on UNEP main website, CTCN and UNFCCC ttclear websites
- Total reach of 98.6 million through media mentions

Substack • Unknown
Editorial | **US** | Nov 03 · 07:47 PM

[CARBON REMOVAL WEEKLY SUMMARY (27 OCTOBER - 02 NOVEMBER 2025)-WEEK#44]

... (Tony Blair Institute For Global Change) The *Climate Technology Progress Report* 2025 (UNEP) From Science to Scale: How the XPRIZE ...

Climate Technology Progress Report

50.3M Reach **Neutral**

NewsBreak • By Bergeson & Campbell,
Editorial | **US** | Nov 03 · 11:59 PM

[UNEP Report Provides Roadmap to Advance Biobased Technologies]

... announced the availability of a report entitled The *Climate Technology Progress Report* 2025: Advancing Biobased Technologies in the ...

Climate Technology Progress Report

17M Reach **Positive**

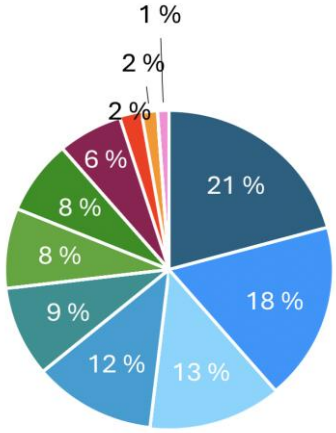
Springer • Muhammad Anas
Editorial | **CH** | Oct 14 · 05:22 PM

[Advancing energy-related climate mitigation technologies in arctic region: the impact of green finance and critical mineral resources]

... Socio-Econ Dyn 2(45):494–507. UNFCCC (2023) The *climate technology progress report* 2023. Retrieved from Usman M, Jahanger A, Makhdum ...

climate technology progress report

14.8M Reach **Neutral**



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Thank you!

2026 Steering committee members

Ambrosio Yobánolo del Real (Agencia Sustentabilidad Y Cambio Climático), Ambuj Sagar (Indian Institute of Technology), Anne Olhoff (UNEP-CCC), Elisabeth Gilmore (Carlton University), Emilly Caroline Costa Silva (CTCN AB), Halima Bawa (CTCN AB), Heleen de Coninck (Eindhoven University of Technology), Julia Kempny (CTCN), Pedro Ivo Ferraz da Silva (COP30 Presidency, Brazil), Taeyoon Kim (UNFCCC), Kaija Veskioja (TEC), Hiroko Nakamura (TEC), Ali Shareef (TEC), Alan Hernández (YOUNGO)

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