

INTERNATIONAL POLICY WORKSHOP SERIES

WEBINAR 1: SCIENCE FOCUS

12 September 2024
10:00–12:00 CEST (virtual)

WEBINAR 2: POLICY FOCUS

19 September 2024
15:00–17:00 CEST (virtual)




WORKSHOP: TOWARDS POLICY- RELEVANT RESULTS

24 September 2024,
12:30–18:30 CEST
Berlin, Germany

This workshop series provides a platform for exchange between carbon dioxide removal (CDR) researchers and policy experts, with the aim to improve the understanding of key research questions on CDR and the uncertainties and limitations of models, while gaining a better understanding of needs and questions on CDR in the policy context to limit warming to 1.5°C.

Preliminary results from the Horizon Europe project RESCUE will be shared. The series consists of two webinars followed by an in-person workshop in Berlin that will also have the opportunity for virtual participation. Since the events form part of a series, it is highly recommended that the same group of people attend all three parts.

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WEBINAR 1: SCIENCE FOCUS

12 September 2024
10:00–12:00 CEST (virtual)

This webinar focuses on the science of CDR, in a way that makes it accessible to policy experts. We want to share key research questions that the scientific community tries to answer and how RESCUE fits into this environment. We will then focus on model types we work with in RESCUE and share what questions and level of granularity we are able to address, and where limitations lie.

10:00–10:05	Welcome and introduction to the workshop series
10:05–10:20	Introductory round of participants
10:20–10:35	Introduction to RESCUE and CDR research – <i>Raffaele Bernardello, BSC</i>
10:35–11:20	Overview of model types run under RESCUE, scenarios developed, research questions they can answer, where their limitations are, what their level of granularity is – and what options are for taking up input from stakeholders <ul style="list-style-type: none">• Integrated Assessment Models (IAMs) – <i>Leon Merfort, PIK</i>• Earth System Models (ESM) – <i>Momme Butenschön, CMCC</i>• Emulators and simple climate models – <i>Thomas Gasser, IIASA</i>
11:20–11:25	<i>Break</i>
11:25–11:55	Q&A on the presentations and beyond
11:55–12:00	Outlook to webinar 2 and workshop

WEBINAR 2: POLICY FOCUS

19 September 2024
15:00–17:00 CEST (virtual)

This second webinar focuses on policy relevant to CDR, in a way that makes it accessible to scientists. The aim is to gain a shared understanding of key policies and policy processes on CDR at the EU and international level, what are current questions, and how science can inform them as well as be informed by them.

15:00–15:10	Welcome and recap of webinar 1 and participants
15:10–15:20	Presentation 1: The international climate policy context of the UNFCCC and Paris Agreement to limit warming to 1.5°C and the role of CDR
15:20–15:35	Presentation 2: An introduction to Article 6 (voluntary carbon markets) of the Paris Agreement and the role of science in informing the negotiations – <i>MJ Mace, independent consultant</i>
15:35–15:50	Presentation 3: Overview of international and EU policies relevant for CDR, incl. EU Green Deal, key sectoral policies – <i>Eli Mitchell-Larson, Carbon Gap</i>
15:50–16:10	Presentation 4: Current questions and new regulations on CDR in the EU, EU perspective on new developments and achievements such as the EU Carbon Removal Certification Framework CRCF, key developments on the horizon – <i>Christian Holzleitner, DG CLIMA</i>
16:10–16:15	<i>Break</i>
16:15–16:55	Q&A on the presentations and beyond
16:55–17:00	Outlook to workshop

WORKSHOP: TOWARDS POLICY- RELEVANT RESULTS

24 September 2024, 12:30–18:30 CEST
Berlin, Germany (hybrid)

The workshop will bring together the learnings from the two webinars, deepen exchanges, promote networking, and identify ways forward to collaborate.

12:30–13:30	Light welcome lunch and registration
13:30–13:50	Welcome and get to know
13:50–14:00	Recap of webinars 1 + 2: Key takeaways from the science and policy presentations and discussions
14:00–14:30	Key note address: The State of CDR Report – <i>Julia Pongratz, LMU Munich</i>
14:30–15:45	Presentations of RESCUE preliminary results <ul style="list-style-type: none">• Preliminary results on 1.5 and 2°C scenarios with and without overshoot, scenarios leading to a long-term decline in temperatures, and the use of different CDRs in those scenarios – <i>Leon Merfort, PIK</i>• The complexities of the policy instrument mix specific to carbon farming activities – <i>Eise Spijker, JIN</i>• Leveraging ecosystems responses to enhanced rock weathering in mitigation scenarios – <i>Yann Gaucher, ENPC</i>
15:45–16:15	<i>Coffee/tea break</i>
16:15–17:00	Breakout group discussions in 4–5 smaller groups around the previous presentations, focusing on: <ul style="list-style-type: none">• What of the presented information do stakeholders need? At which scale (global, national, etc.)?• What are key questions scientists are able to answer and what input feedback can modellers still take up?
17:00–17:45	Report back from breakout groups in plenary
17:45–18:00	Key takeaways from this workshop
18:00–18:15	Outlook to upcoming science-policy dialogue activities of the RESCUE project (COP29, roundtable 2025, COP30)
18:30–20:30	Dinner