



Visions and Pathways for Carbon Dioxide Removal in the European Union

18 April 2024, 9.30-17.00

SQUARE Brussels | Mont des Arts, 1000 Brussels, Belgium

Entrance Coudenberg 3, Room The Arc

Agenda

09.00 Welcoming of participants and registration

09.30 Realistic CDR potential and implementation

Welcome message and opening of the event

Kati Koponen, VTT Technical Research Center of Finland

Policy keynote: EU 2040 targets and the role of CDR

Fabien Ramos, EC DG CLIMA

Science keynote: Why we need CDR

Steve Smith, State of CDR report, Oxford Net Zero

Challenges for scaling up CDR methods – environmental and social aspects

- NEGEM results on environmental impacts of CDR methods
Constanze Werner, Potsdam Institute for Climate Impact Research
- OCEANNETS results on ocean-based CDR
David Keller, GEOMAR Helmholtz-Zentrum für Ozeanforschung
- LANDMARC results from earth observations, carbon farming case studies
Eise Spijker, JIN Climate and Sustainability
- Social license to operate for CDR
David Reiner, Cambridge University
Goda Perlaviciute, University of Groningen

Discussion

11.30 Coffee break

11.50 Scenario modelling for carbon neutrality, role of CDR

Keynote speech: The role of negative emissions in clean energy transitions

Ilkka Hannula, IEA

NEGEM 1.5 °C mitigation scenario results for Europe

Tiina Koljonen, VTT Technical Research Centre of Finland

Multi-dimensional analysis of negative emission technologies and practices

Mai Bui, Imperial College London

Discussion

12.40 Networking lunch

13.30 Policies and governance structures to support a responsible deployment of CDR

Key policy messages from the three Horizon 2020 projects

- NEGEM: Climate policy frameworks for CDR
Allanah Paul, Bellona Europa
Fabiola de Simone, Carbon Market Watch
- LANDMARC: Observations on carbon farming, MRV and finance
Eise Spijker, JIN Climate & Sustainability
- OCEANNETS: Policy issues of ocean-based CDR methods
Wilfried Rickels, Kiel Institute for the World Economy,
Barbara Neumann, Research Institute for Sustainability Helmholtz Centre Potsdam

14.30 How to commercialize CDR

moderated by *Wijnand Stoefs, Carbon Market Watch*

Results from NEGEM studies on market mechanism
Myles Allen, Oxford University

Comments and facilitated discussions with NEGEM industrial partners
Fabien Levihn, Stockholm Exergi
Kirsi Tiusanen, ST1
Matthew Borghi, Drax

Discussion

15.30 Coffee break

15.50 Panel discussion: How to formulate policies and governance structures to support responsible deployment of CDR for the EU 2040 climate targets?

moderated by *Mark Preston Aragonès, Bellona Europa*

Panelists:

- *Ulriikka Aarnio, CAN-Europe*
- *Duncan McLaren, UCLA*
- *Valeria Forlin, EC DG Clima*
- To be announced

16.50 Wrap up and conclusions

Kati Koponen, VTT Technical Research Center of Finland

17.00 End of day and networking time

