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Centro Euro-Mediterraneo
sui Cambiamenti Climatici

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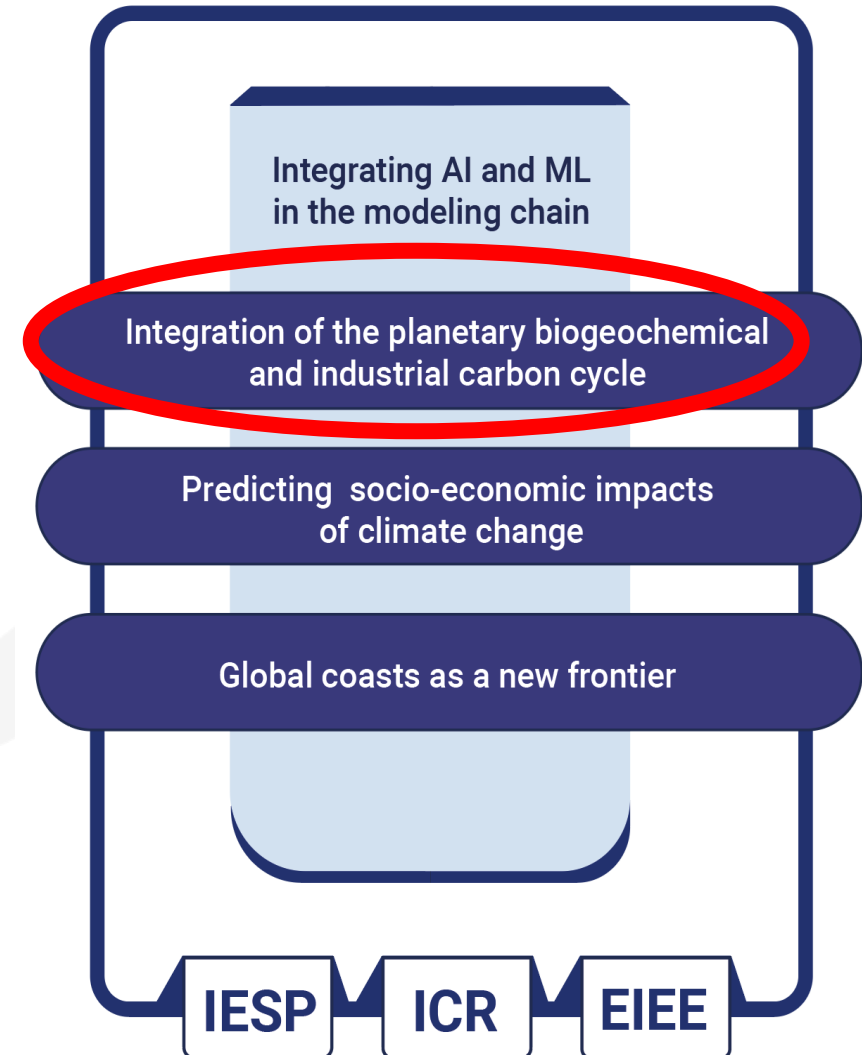
Introduction to **CMCC and UPTAKE Project**

Soheil Shayegh (CMCC)

IEA Task 45 Bioenergy Workshop, Graz
Jan 21, 2026

A leading research center focused on understanding the interaction between climate change and society.

~450 researchers and staff across 3 institutes and 3 centers.



Strategic Objectives

ONE-NET-ZERO
Connect socio-technical-economic dimensions of carbon management with Earth system models.



INTEGRATED CARBON ACCOUNTING

Apply AI/ML methods to leverage in-situ and satellite data for quantifying carbon fluxes.



ADAPTIVE CARBON MANAGEMENT

Develop joint mitigation and adaptation strategies for carbon sinks and ecosystems.




UPTAKE -Bridging current knowledge gaps to enable the UPTAKE of carbon dioxide removal methods



Join UPTAKE CDR Forum today and become a stakeholder!


CDR Community



Share CDR information and discuss it among different CDR communities and stakeholder groups.

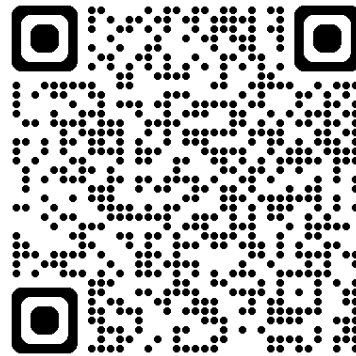
- General
- Business hub
- News
- Research square
- Policy forum
- Events

UPTAKE Project



Get the latest news and more information about the UPTAKE research project. Grant agreement No 101081521- UPTAKE - Bridging current knowledge gaps to enable the UPTAKE of carbon dioxide.

- Deliverables
- UPTAKE News



Participant organisation name	Country
Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC)	Italy
Potsdam Institute for Climate Impact Research (PIK)	Germany
Mercator Research Institute on Global Commons and Climate Change (MCC)	Germany
Internationales Institut fuer Angewandte Systemanalyse (IIASA)	Austria
Ministry of Infrastructure and the Environment - Netherlands Environmental Assessment Agency (PBL)	Netherlands
Utrecht University (UU)	Netherlands
E3-Modelling S.A. (E3M)	Greece
Aarhus University (AU)	Denmark
Chalmers University of Technology (Chalmers)	Sweden
Stiftung Wissenschaft und Politik (SWP)	Germany
Kiel Institute for the World Economy (IfW)	Germany
University of Hamburg (UHH)	Germany
Institute for Climate Protection, Energy and Mobility (IKEM)	Germany
Fundacja Instytut Reform (REFI)	Poland
The National Centre for Emissions Management (KOBiZE)	Poland
Bocconi University (Bocconi)	Italy
University of Strathclyde (USTRATH)	UK
University Court of the University of Aberdeen (UNIABDN)	UK
Eidgenössische Technische Hochschule Zürich (ETHZ)	Switzerland
Paul Scherrer Institut (PSI)	Switzerland

- Start date: **Sep. 2023**
- End date: **Aug. 2027**
- Budget: **EUR 7 million**

Call for Abstracts - Now open!



4th International Conference on Carbon Dioxide Removal

(Formerly International Conference on Negative CO₂ Emissions)

10–12 June 2026 | Milano, Politecnico di Milano



SUBMIT YOUR
ABSTRACT





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