



Exploring two pathways for carbon dioxide management - findings from the DemoUpCARMA project

Closing event on Wednesday, 6 December, 13.00 - 17:15
ETH Zentrum, Audi Max HG F 30

Welcome 13:00 - 13:20

Introducing DemoUpCARMA
Prof. Marco Mazzotti, ETH Zurich

DemoUpCARMA and Switzerland's climate strategy
Dr. Sophie Wenger, Federal Office for the Environment

Pilot and demonstration activities 13:20 - 13:50

Permanent CO₂ storage in recycling concrete
Dr. Johannes Tiefenthaler, Neustark AG

CO₂ cross-border transport and permanent storage in the underground
David Shu, ETH Zurich

Discussion and Q & A moderated by Dr. Viola Becattini

Zoom-in: science and technology 13:50 - 14:30

Carbonation of recycled concrete aggregates and its implications on recycling concrete
Dr. Andreas Leemann, Dr. Frank Winnefeld, Empa

CO₂ storage via in-situ mineralization
Dr. Sandra Ósk Snæbjörnsdóttir, Carbfix

Monitoring of CO₂ injection and storage in the underground
Prof. Stefan Wiemer, Swiss Seismological Service at ETH Zurich

Discussion and Q & A moderated by Prof. Marco Mazzotti

Break & poster session 14:30 - 15:30

Systemic aspects 15:30 - 16:30

Life cycle assessment and system analysis of CO₂ capture, transport, and storage technologies
Prof. André Bardow, ETH Zurich

CO₂ capture integration in waste-to-energy plants: case study for the city of Zürich
Tuvshinjargal Otgonbayar, ETH Zurich

Perception of CO₂ management solutions in Switzerland
Dr. Irina Dallo, ETH Zurich, Dr. Samuel Eberenz, Stiftung Risiko Dialog

The role of carbon markets
Dr. Matthias Honegger, Perspectives Climate Group

CO₂ transport modes and infrastructure financing
Katrin Sievert, ETH Zurich

Discussion and Q & A moderated by Oliver Akeret

Panel discussion 16:30 - 17:15

The future of CO₂ management
Dr. Viola Becattini (ETH Zurich), Dr. Sophie Wenger (FOEN), René Estermann (Environmental and health protection Zurich), Mario Davidi (Waste management and recycling, ERZ), moderated by Dr. Benedikt Knüsel (ETH Zurich)

Apéro (main hall) 17:15 - 18:30