

P2M

2nd WEBINAR



09:45 – 17:10
(GMT +1h00)

CO₂ capture and utilization: from fundamentals to demonstration plants

MAY 5
2022



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10:00 LUIS M. MADEIRA

ALiCE | Faculty of Engineering -
University of Porto
Opening Session and Power2Methane
Project Presentation

10:20

OLAF HINRICHSEN

Technical University of Munich
Energy Transition in Miniature: Combining Catalysis
and Reaction Engineering at Particle Level



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11:15

CATARINA FARIA & JOANA MARTINS

ALiCE | Faculty of Engineering - University of Porto
Main outputs of Power2Methane Project



11:55

FRIEDEMANN MÖRS

DVGW Research Center at the Engler-Bunte Institute (DVGW-EBI)
Demonstration of Power-to-Gas within STORE&GO – A Technical and Economic Evaluation

14:00

ROBERT FARRAUTO

Columbia University in the City of New York
Dual Functional Materials (DFM) for Direct Air Capture of CO₂ and Catalytic
Conversion to Useful Hydrocarbons: Engineering a Solution to Climate Change



14:40

DIMOSTHENIS TRIMIS

Karlsruhe Institute of Technology (KIT)
Integrated High-Temperature ELectrolysis and METHanation for Effective Power to
Gas Conversion: The HELMETH project

15:35

VANIA SANTOS-MOREAU

IFP Energies nouvelles (IFPEN)

3D project: from CO₂ capture in Dunkirk to storage in the North sea



16:15

NUNO AFONSO MOREIRA

Dourogás SGPS
Solargasmove Project

16:55

Closing Session

LUIS M. MADEIRA



power2methane.fe.up.pt