Advancing Electrochemical CO_2 Reduction system for e-Fuels production within ECO2Fuel project: Bridging the Gap between Lab and Industrial scale deployment

Date: 30 April 2026
Location: Cetraro (Cosenza), Italy and online
Registration link: https://events.teams.microsoft.com/event/66931f16-3ed8-4259-8545-78d23c9dbefd@ea8b78d9-ccc1-45ec-94de-369c8af49a53

Agenda

Time	Topic	Speaker
10:00 – 10:20	*Progress and Insights into a 50 kW Stack Electrolyser for CO_2 Conversion to Value-Added Chemicals and Fuels*	Faria Huq, DLR
10:20 – 10:40	*CO_2 reduction mechanism in an anion exchange membrane co-electrolysis cell at CuOx nanoparticles-based gas diffusion electrodes*	Antonino Salvatore Aricò, CNR
10:40 – 11:00	*From Catalyst Design to Electrochemical Performance: Anode and Cathode Development for eCO_2 Reduction in ECO2Fuel*	Sara Goberna Ferron, UPV
11:00 – 11:20	*From lab to pilot scale: Upscaling ECO2Fuel electrolysis system catalysts - Performance, characterisation and recycling strategies*	Eirini Zagoraiou, Monolithos
11:20 - 11:40	*Upscaled MEA Electrochemical: Characterisation from Bench to Industrial-Scale Validation*	Anna Testolin, De Nora
11:40 - 12:00	*Anion exchange membrane for CO_2 electrolysis application: from laboratory to large-scale device*	Alessandra Carbone, CNR
12:00 - 12:20	*Design and development of a 50kW CO_2 electrolyser system*	Joost Helsen, VITO
12:20 – 12:30	*Closing remarks*	Faria Huq, DLR

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