



MEMBER

ADVANCED **MEMBRANES** AND MEMBRANE ASSISTED PROC**ESSES** FOR PRE- AND POST-COMBUSTION CO₂ CAP**TURE**

H2020 GRANT AGREEMENT NUMBER: 760944

Workshop on Advanced Membranes and Membrane assisted processes for pre- and post combustion CO₂ capture

Kunnskapsbyen Conference Center, June 23rd, 2022

(Gunnar Randers Vei 24, 2007 Kjeller, Norway)

Link to attend the meeting online: [Click here to join the meeting](#)

Agenda

- 9:30 – 9:50 Introduction to the MEMBER project
José Luis Viviente (TECNALIA)
- 9:50 – 10:10 Developing sustainable and economic scale-up routes for metal organic frameworks
Adam Deacon (JM)
- 10:10 – 10:30 Mixed Matrix Membranes production scaling -up.
William Marechal (POLYMEM)
- 10:30 – 10:50 Pre- and Post-combustion CO₂ capture with MMM systems
Hans ten Dam (HYGEAR)
- 10:50 – 11:10 Pd-based membranes production
José Luis Viviente (TECNALIA)
- 11:10 – 11:25 **Coffee break**
- 11:25 – 11:45 High temperature sorbent and catalyst for the MA-SER process - Upscaling and performance
Julien Meyer (IFE)
- 11:45 – 12:05 Sorption Enhanced Reforming
Arnstein Norheim (ZEG-POWER)
- 12:05 – 12:25 MA-SER reactor for H₂ production with CO₂ capture
Luca di Felice (TU/e)
- 12:25 – 12:45 Market analysis and techno-economic assessment of MA-SER system
Vittoria Cosentino (KT)
- 12:45 – 13:05 Environmental Life Cycle Assessment and Life Cycle Costing of the MEMBER systems
Alexander Borsch (QUANTIS)
- 13:05 – 13:15 Final remarks and closure
Jose Luis Viviente