ADVANCED MEMBRANES AND MEMBRANE ASSISTED PROCESSES FOR PRE- AND POST-COMBUSTION CO_2 CAPTURE

Webinar Announcement

Toward 2030: New pathways to CO_2 capture

24 February 2022, 10:30-12:00 CET

The European Union has created an ambitious objective to be climate-neutral by 2050, that is, to be an economy with net-zero greenhouse gas emissions. The European Green Deal codifies this objective, and all economic sectors are participating in its realisation. In April 2021, the EU set a target of cutting carbon emissions by 55% by 2030.

CARMOF, MEMBER and MOF4AIR are three European-funded projects geared to demonstrate innovative CO_2 capture technologies in real industrial conditions. Promising new material solutions are under development for the next generation of CCUS technologies that are expected to reach the markets in the next few years.

This webinar highlights the following:

- Insight into innovative capture processes (membranes, adsorption & hybrid) and their possible impact.
- Upscalability of the processes from grams-to tons-scale.
- Policy recommendations.

Participants will learn about how the project group members are collaborating to address the common goals toward reducing CO_2 emissions in energy-intensive companies.

AGENDA

10:30-10:40 - Welcome and introduction

10:40-10:50 - CARMOF: New process for efficient CO_2 capture by innovative adsorbents based on modified carbon nanotubes and MOF materials, *Adolfo Benedito, AIMPLAS, Project Coordinator*

10:50-11:00 - MEMBER: Advanced MEMBranes and membrane assisted procEsses for pre-and post-combustion CO_2 captuRe, *Emma Palo, Kinetic Technology SpA, Project Innovation Manager*

11:00-11:10- MOF4AIR: MetalOrganic Frameworks for carbon dioxide Adsorption processes in power production and energy Intensive industRies, *Guy De Weireld, University of UMONS, Project Coordinator*

11:10-11:20 - Policy brief recommendations *presentation*

11:20-11:30 - Live polling with audience

11:30-11:50 - Q&A Session

11:50-12:00 - Wrap-up

Click here to register

Want to know more about MEMBER?

https://member-co2.com/

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