



New process for efficient CO₂ capture by innovative adsorbents based on modified carbon nanotubes and MOF materials modified carbon nanotubes



CARMOF Workshop Announcement

CO₂ capture by innovative solid adsorption and membrane technologies

17 November 2022, 14:00-15:30 CET (online)

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 is a collaborative European project funded by Europe (H2020) which brings together 15 European partners. This project started in 2018 and has ended in October 2022. The objective of the project is to develop new materials and new industrial processes that capture CO₂ from energy intensive industries in a more efficient way.

In this workshop, participants will learn about the next generation carbon capture technologies (solid adsorption, membrane) and the key-achievements of the project.

AGENDA

14:00-14:10 - Welcome and introduction (AIMPLAS)

14:10-14:30 - Carbon capture by solid adsorption (Sintef)

14:30-14:50 - Carbon capture using membrane technology (Demokritos)

14:50-15:05 - Process design & simulation (PDC, Sintef)

15:05-15:20 - Carbon capture demonstrator development (6TMIC)

15:20-15:30 - Q&A Session

[Click here to register](#)

Want to know more about the project?



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 760884.