



Location:

Avenue de la Joyeuse Entrée, 1 - 1040 Bruxelles

## Agenda

**Date:** 11<sup>th</sup> of April 2019 | **Start time:** 8:45 | **End time:** 16:00

**Project background:** The NanoMaterials Enhanced Membranes for Carbon Capture (NanoMEMC<sup>2</sup>) project aims to reduce the cost, energy and process limitations that make pre- and post-combustion CO<sub>2</sub> capture non-viable in many industrial applications at present. Through the development of innovative materials, membranes and membrane processes for carbon capture and fuel decarbonisation, the project aims to substantially decrease the energy penalty and costs related to these processes as well as to reduce CO<sub>2</sub> emissions.

**Workshop aim:** NanoMEMC<sup>2</sup> industrial workshop has the aim of disseminating the learnings from the project and how the technology could contribute to decarbonisation for industrial stakeholders. The event will bring together various stakeholders in the field of carbon capture and decarbonised fuels who will make presentations on European policies and goals and industries' interests and efforts in this field. NanoMEMC<sup>2</sup> partners will present their views in this area and the advances made in the project. A panel discussion will allow for interaction between all stakeholders.

**8:45 - 9:15:** Registration and welcome coffee

**9:15 - 9:30:** Welcome speech and opening of the workshop – A. Ibrahim (BP)

### Session 1: the future of CCS in Europe and globally

**9:30 - 9:50:** European policies and goals on CCUS – W. Schneider (European Commission – DG RTD)

**9:50 - 10:10:** End user perspective on CCUS – A. Ibrahim (BP)

**10:10 - 10:30:** Carbon capture technologies: finding their way to the market. – F. Hage (LINDE)

**10:30 - 10:50:** Industries' interests and efforts on CCS – state of the art and future development of membranes – Y. Itami (FUJIFILM)

**10:50 - 11:20:** Coffee break

## Session 2: NanoMEMC<sup>2</sup>: presentation of main results

- 11:20 - 11:30: NANOMEMC2 project overview – M. Giacinti Baschetti (UNIBO)
- 11:30 - 11:50: Techno-economics of membrane-based CO<sub>2</sub> capture processes – S. Tlatlik (SUPREN)
- 11:50 - 12:10: NanoMEMC<sup>2</sup> membranes: state of the art and next steps – L. Deng (NTNU)
- 12:10 - 12:30: NanoMEMC<sup>2</sup> Pilot tests on cement plants – F. Santinelli (COLACEM)
- 12:30 - 14:00: Lunch

## Session 2: NanoMEMC<sup>2</sup>: presentation of main results

- 14:00 - 14:15: NanoMEMC<sup>2</sup> Impact – M. Giacinti Baschetti (UNIBO)

## Session 3: Round Table

- 14:15 - 15:40: Round Table with experts: industrial opportunities from CCS – A. Ibrahim (BP), Y. Itami (FUJIFILM), J. Langerak (DMT Environmental Technologies), L. Ansaloni (SINTEF), P. Parmiter (SCCS), G. Iaquaniello (Kinetics technology), F. Hage (LINDE)
- 15:40 - 16:00: Closing remarks and closing of the event – Andrea Rausa (PNO)

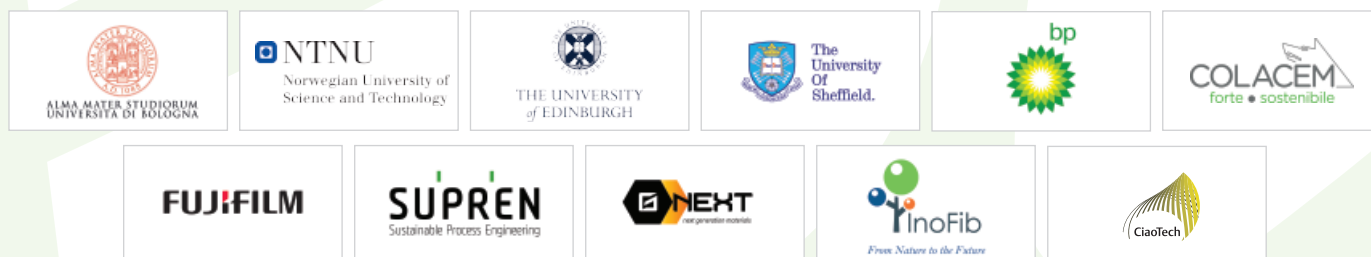
**Interested in attending the event? Please register for free at:**

<https://www.eventbrite.co.uk/e/co2-selective-membranes-for-carbon-capture-and-decarbonised-fuels-tickets-51204387702>

**Should you have any questions about the event, please email Dr. Ada Della Pia at:**

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## NanoMEMC<sup>2</sup> consortium



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