



Greenhouse Gases Valorization: Industrial Solutions to Climate Change

Global warming and the circular economy push companies to develop new sustainable products by combining bio-based raw materials and waste products. Carbon dioxide and other greenhouse gases such as methane or NOx are produced as a result of industrial activity. Those products, dismissed as waste in the past but nowadays called raw materials, can be transformed into high value-added products such as materials, solvents, chemicals or food.

In this workshop on greenhouse gas capture, industrial and academic experts from different fields (air capture, storage, utilization and microalgae, among others) will join and share their different strategies and real solutions for the capture and valorization of CO₂. This forum will allow giving a big picture of the problem and the different solutions found in the market nowadays.

Registration period

Until 22 November 2022 or full capacity



Date and Schedule

23 Nov 2022

9:15 AM to 3:45 PM
(CEST)



Duration

6 class hours



Location

Online



Price

FREE

AIMPLAS members 0€

Non-members: 0€

Who is it aimed at?

Programme

- > 9:50 Welcome remarks. Anabel Crespo, Technologies Manager at AIMPLAS
 - > 10:00 Environmental CO₂ Capture: An Unavoidable Challenge. Adolfo Benedito, Decarbonization researcher at AIMPLAS
 - > 10:30 CCUS: A Key Pathway to Net Zero. Jordi Pedrola, Process Development Senior Scientist at REPSOL
 - > 11:00 *Break*
 - > 11:30 CO₂ Capturing: Process Integration of MOFs from Prototype to Scale-up. Daniel Steitz (CIO & Founder) and Charles Toft (CTO) at NOVOMOF
 - > 12:00 Solutions for the decarbonization of the gas-intensive industry. Carlos Merello, Product Manager General Industries at Carbueros Metálicos
 - > 12:30 GHG generation in WWTP. Opportunities for Reduction or Capture. Edxon Licon, Senior Project Manager at CETAQUA
 - > 13:00 *Break and virtual visit to AIMPLAS facilities*
 - > 14:10 Chemical Looping Processes for CO₂ Capture. Francisco García, researcher at Instituto de Carboquímica (Spanish National Research Council-CSIC)
 - > 14:40 Carbon neutral world: our initiative to reduce the carbon footprint of industry. José Vicente Sánchez, Spain & Portugal Marketing Director at Nippon Gases
 - > 15:10 Capturing Carbon, Creating Value. Babette Pettersen, VP Europe at LanzaTech
 - > 15:40 Closing remarks. AIMPLAS Decarbonization group
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Open calls

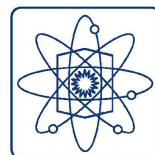
17 Dec 2030

 Online

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