



PROGRAMME  
DE RECHERCHE  
DÉCARBONATION  
DE L'INDUSTRIE

## Provisional program – PEPR SPLEEN “Enhancing research in Europe to build a low-carbon industry”

September 18<sup>th</sup> 2024

Place : Maison Irène et Frédéric Joliot-Curie (Brussels)



### Scope of the meeting

The French government has launched low TRL long-term research programs within the framework of France 2030, a comprehensive investment plan that integrates research, innovation, skills development, demonstration, and large-scale deployment. One of the major areas of focus is the decarbonization of industry.

The purpose of the meeting " **Enhancing research in Europe to build a low-carbon industry** " is to present the research program "PEPR SPLEEN for Industry Decarbonization" and to align it with the challenges identified by the European Union and its associated policies.

The management of the whole value chain of innovation in the field of decarbonization technologies is at stake to keep European companies competitive at the international level. In recent months, a new European framework has been established (including the Green Deal Industrial Plan and the Net Zero Industry Act) to pave the way for a sustainable, decarbonised, and competitive industry in Europe. **How can research communities support the declared ambition of achieving a climate-neutral EU industry by 2050?**





The event, organized in the form of two roundtable discussions, will feature academic participants from universities and RTOs, industry representatives, members of the A-SPIRE association, and representatives from the European Commission. The key topics will include the industrial carbon value chain and the development of circular, fossil-free, and energy-efficient industrial systems.

### **Provisional schedule**

8:00-9:00: Welcome coffee

9:00: Keynote on the **core issues of research & innovation identified by the EU for the energy transition and the decarbonization of industry**

*Vangelis Tzimas (Joint Research Centre, European Commission)*

9:20: **Presentation of the French research program PEPR SPLEEN for the decarbonization of industry:** a way to accelerate the research & development on the pre-identified needs to meet the challenge of the transition of energy-intensive industries

*Fabrice Lemoine (CNRS/Université de Lorraine), Antonio Pires da Cruz (IFPEN)*

9:35-10:45: First panel discussion

### **The key challenges of the value chain of industrial carbon**

*Representative of the DG GROW, European Commission (tbc), Nils A. Røkke (SINTEF/EERA), Wim Van der Stricht (ArcelorMittal), Vânia Santos-Moreau (IFPEN/3D Project), Thibault Cantat (CEA)*

Coffee break (30 minutes)

11:15-11:35: Keynote on the **management of industrial carbon and utilization of carbon**

*Franklin Streichenberger (CO<sub>2</sub> Value Europe)*

11:35 – 12:45: Second panel discussion

### **Research and innovation to develop circular, fossil free and energy efficient industrial systems**

*Representative of the DG ENER, European Commission (tbc), Angels Orduna (A. SPIRE/Processes4Planet), Wouter Nijs (VITO), Thomas Mairey (DECLYC/DOMO), Marianne Boix (Toulouse INP), Marc Clause (INSA Lyon)*

12:45 – 13:00: Words of conclusion by Christophe Yvetot (UNIDO, United Nations Industrial Development Organization)

13:00: Lunch time

