

European Workshop

Industrial decarbonisation and beyond: CCUS perspectives in Europe and the role of ECCSEL ERIC European Research Infrastructure

Brussels, Belgium, 24 May 2022, 09:30-16:30 CET

NTNU Brussels Office, rue Guimard 9
(Hybrid event with the possibility to attend also on-line)

Registration is free but is required before 17 May at:

<https://www.eventbrite.com/e/eccsel-european-workshop-registration-299131108197>

PROVISIONAL AGENDA

09:30 Welcome coffee

10:00 Launch of ECCSEL ERIC White Paper

1. [Welcome and introduction](#) - Massimo Busuoli, Director NTNU Brussels Office
2. [CCUS as a solution to industrial decarbonisation](#)
 - a. Keynote 1 – Jane Amilhat, DG RTD - Head of Unit Low Emission Future Industries Commission
 - b. Keynote 2 – Jytte Guteland, Member of the European Parliament
 - c. Keynote 3 – Klaus Peters, Secretary General European Steel Technology Platform (ESTEP) (tbc)
3. [ECCSEL ERIC Whitepaper and the need for common investments in the European CCUS Research Infrastructure](#) – Sverre Quale, Director of ECCSEL ERIC
4. [Panel discussion](#) – with Per-Olof Granström, Zero Emission Platform (ZEP) and the morning speakers - Moderator: Massimo Busuoli

12:00-13:00 Lunch

13:00 National efforts to enable CCUS deployment and the role of ECCSEL ERIC

5. [Perspectives of the ECCSEL ERIC founding countries \(12 min each\)](#):
 - a. Norway (seat of ECCSEL ERIC) - Åse Slagtern, Norwegian Research Council
 - b. France – Xavier Montagne, French Ministry of Higher Education, Research & Innovation
 - c. Italy - Grazia Pavoncello, Italian Ministry of Education, Universities and Research
 - d. The Netherlands – Representative from Netherlands Enterprise Agency (RVO)
 - e. UK - Representative from Ministerial Department for Business, Energy & Industrial Strategy (BEIS)

14:00-14:20 Coffee break

6. [Perspectives of other European countries that might be interested to join ECCSEL \(12 min each\)](#)

15:20

7. **Roundtable with Ministry, Industry, Research and ECCSEL representatives** – Åse Slagtern (The Norwegian Research Council), Per-Olof Granström (ZEP), Volker Röhling (ECCSEL ERIC Manager) + representatives from possible new member countries
 - a. How can additional European countries join ECCSEL ERIC and what are the benefits?
 - b. How can engineers, scientists and students access ECCSEL research facilities and services?
 - c. Investments in new ECCSEL research facilities

16:20

8. **Conclusions and recommendations on the use and further development of ECCSEL ERIC to accelerate the development and deployment of CCUS in Europe** – Isabelle Czernichowski-Lauriol, BRGM, ECCSELERATE WP4 leader

16:30 End of workshop

CONTEXT

In response to the urgency of climate change mitigation, **CO₂ Capture, Storage and Use (CCUS)** is called upon in carbon neutrality scenarios, in addition to energy sobriety, efficiency and renewable energies. CCUS is needed to avoid irreducible CO₂ emissions from industrial facilities as well as to remove CO₂ from the atmosphere, when combined with bio-energy (BECCS) or direct air capture (DACCS). Many options for CO₂ capture, transport, storage, and utilisation are possible, therefore the best scenarios for CCUS development and deployment must be elaborated taking into account the specificities and needs of territories. Synergies between CCUS, hydrogen and renewable energies can be sought.

The **European Green Deal** is counting on CCUS to help achieve its goals. The **European Strategic Energy Technology Plan (SET Plan)** has set up a specific Implementation Working Group on CCS and CCU. Horizon Europe, EU's key funding programme for research and innovation until 2027, is supporting CCUS including through European partnerships, such as the **Clean Energy Transition Partnership (CETP)**, in which the EU, national authorities and/or the private sector jointly commit to support the development and implementation of a programme of research and innovation activities.

ECCSEL, the European CCUS Research Infrastructure, is recognised by the SET Plan as *'a world-class research infrastructure facilitating ambitious R&D activities, European industrial initiatives, and education of specialists for the new CCUS industry.'*

ECCSEL is a **legal entity** created in 2017, with ERIC statutes (European Research Infrastructure Consortium), and a seat and Operations Centre in Norway. ECCSEL's founding members are France, Italy, the Netherlands, Norway, and UK. **Additional member countries are welcome** to strengthen and better balance the development of the European Research Area. Each member country is represented by a National Node. ECCSEL is currently made up of more than 80 leading facilities on CO₂ capture, transport, storage, and use, provided by over 20 European institutions from the member countries. For the complete catalogue of facilities, please visit: www.eccsel.org. **The ECCSEL facilities are currently available and open for access by researchers and the industrial community across the globe.**

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