

IEAGHG Information Paper: 2015-IP13; ADEME's CCUS Symposium

Prior to the 47th IEAGHG Executive Committee meeting, ADEME (the French Environment and Energy Management Agency) held a CCUS (CO₂ Capture, Use and Storage) Symposium and capture pilot visits on the 4th and 5th of May 2015. The subsequent ExCo meeting was also held in the beautiful port of Le Havre, France, on the 6th and 7th of May.

Topics covered in the CCUS symposium included the national, European and international CCS context; monitoring tools for the safety of geological storage sites; the characterisation and risk management of geological CO₂ storage sites; Le Havre initiatives; and CO₂ use. Speakers were involved from TOTAL, EDF, BRGM (the Bureau of Geological and Mineral Research), the IEA and ADEME – among many more. Please see Appendix 1 for a copy of the conference agenda.

Club CO₂

'Club CO₂' was founded by ADEME in 2002, with support from the IFP Energies Nouvelles (IFPEN) and administrative support from BRGM, and brings together 30 members from the industrial and research worlds. This effort serves as a response to the need of a more effective management for national efforts in France relating to CCS – while also improving the public visibility of the technology. As a clearing house for information, dialogue and good practices in CCUS research and development (R&D), Club CO₂ encourages cooperation at a national level between public and private sectors. Several research projects have already been initiated under the Club umbrella.

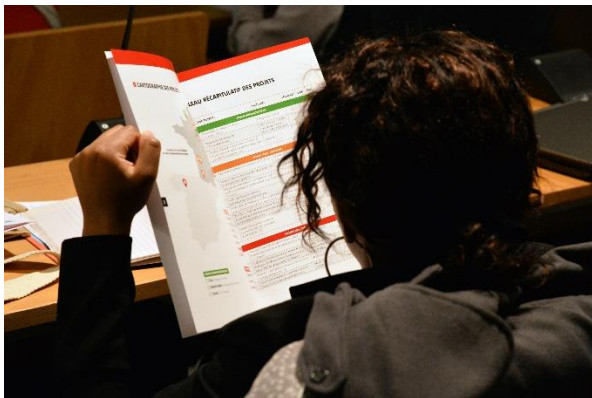
Below are some photos from the CCUS conference, kindly supplied by ADEME (© Patrice LE BRIS). The presentations from the event can be accessed [here](#).

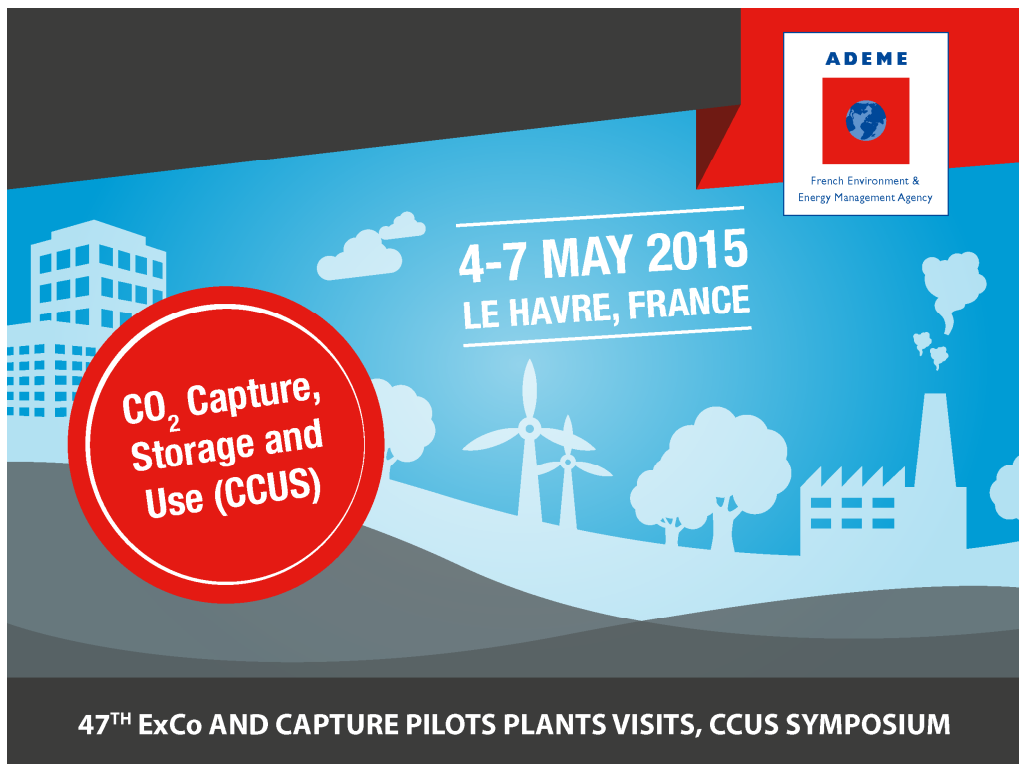
For a copy of the pictures, please contact ADEME directly (photographs continue on the next page).

Sam Neades

10/07/2015







SYMPOSIUM AGENDA – 5th May 2015

8:00 am - 8:30 am: Check-in and breakfast

8:30 am - 9:15 am: Welcome

Opening keynote - M. Brice Lalonde – ONU Global Compact

9:15 am - 10:45 am: **National, European and International CCS context** (moderator: Daniel Clément, ADEME)

New CCS Roadmap (International Energy Agency)

International Club CO₂ actions (Valérie CZOP – Club CO₂)

Latest advances in CO₂ regulation (Emilie Alberola – CDC Climat)

New European and national actions to support CCS (DGEC)

Actions of ADEME in CCUS (ADEME)

Questions

10:45 am - 11:15 am: Break

11:15 am - 12:30 pm: **Session 1: Monitoring tools for the safety of geological CO₂ storage sites** (moderator: Gilles Munier, Geogreen)

Development of a geochemical tool – ADEME projects: CO₂Vadose and DEMOCO₂ – (Adrien Cerepi – ENSEGID)

Up-scaling of optical tool – ADEME project: COPTIK (Virginie Nazabal – University of Rennes1)

Tests in real conditions of a petrophysical tool – ADEME project: mHPP (Jérémie Durand – SITES)

Application of geo-electric tools to monitor a storage site – ADEME-TOTAL-Schlumberger programme (Alexis Mainault – IPGP)

Questions



- 12:30 pm - 2:00 pm: Lunch
- 2:00 pm - 3:00 pm: **Session 2: Characterization and risk management of geological CO₂ storage sites** (moderator: Gabriel Marquette – CNRS INSU)
Storage capacity in the Paris Basin – ADEME project: France Nord (Dominique Copin – TOTAL)
Unified analysis methodology for risks management - ADEME project: MANAUS2 – (Yann Le Gallo – Geogreen)
Injectivity into a saline aquifer in supercritical conditions - ADEME project: SALTCO – (Arnaud Lassin – BRGM)
Questions
- 3:00 pm - 4:00 pm: **Le Havre Initiatives** – (moderator: Bernard Gérard, LHD – tBC)
CO₂ capture by advances Amines process - ADEME project: C2A2 (Patrice Aubry and Marc Le Bail – EDF)
CCS Chair (Denis Clodic - EReIE)
Paris-Saclay Energy Efficiency Institut (Jean-Paul Gourlia – Institut PS2E)
Questions
- 4:00 pm - 4:15 pm: Break
- 4:15 pm - 5:15 pm: **Session 3: CO₂ Use** (moderator: Laurent Forti, IFP EN – tBC)
CO₂ use, which opportunities? (Aïcha El Khamlichi, ADEME)
Working Group on CO₂ use (David Savary – Club CO₂)
CO₂ use project (tBC)
Questions
- 5:15 pm - 5:30 pm: **Closing Remarks** (ADEME)