



4th ACT Knowledge Sharing Workshop

6-7 November 2019, Athens, Greece

Divani Palace Acropolis Hotel

19-25 Parthenonos Street, 117 42

ACT is an international initiative aiming to accelerate and mature CCUS technology by funding transnational research and innovation projects.

ACT is a collaboration of research and innovation funding organisations in European countries and the USA. The first Call for projects in 2016 resulted in 8 international projects within CO₂ Capture, Utilization and Storage (CCUS). The second Call was concluded in spring 2019 and 12 new CCUS projects are being kicked off this autumn.

The ACT consortium organises the Knowledge Sharing Workshops to ensure fruitful knowledge sharing and increase collaboration between the ACT funded projects and other CCUS initiatives.

The first day, 6 November, is an open workshop. The second day, 7 November, is an internal workshop for ACT members.



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6 November 2019

Chair: Brian Allison, BEIS

Morning session

- 08.30 – 09.00 *Registration*
- 09.00 – 09.10 Welcome by Host country and ACT Coordinator
Athanasios Kyriazis, Secretary General for Research and Technology, GSRT and Ragnhild Rønneberg, The Research Council of Norway
- 09.10 – 09.20 CCUS under the new Horizon Europe program
Vassilios Kougionas, The European Commission
- 09.20 – 09.40 CCUS in Greece: potential, development and status
Kyriakos Panopoulos, CERTH, Co-ordinator of the Energy Platform for Smart Specialisation in Greece
- 9.40-9.45 The Norwegian CCS project
Espen Bernhard Kjærgår, adviser, Norwegian Ministry of Petroleum and Energy

ACT - projects – presentations and discussions

- 09.45 – 10.30 ELEGANCY – Enabling a Low-Carbon Economy via Hydrogen and CCS
Svend Tollak Munkejord, SINTEF Energy
- 10.30 – 10.50 *Coffee break*
- 10.50 – 11.40 ALIGN – Accelerating Low carbon Industrial Growth through CCUS
Peter van Os, TNO
- 11.40 – 12.20 Presentation of the new ACT-2 projects
- AC2OCEM** - Jörg Maier, Universität Stuttgart
 - ACTOM** - Guttorm Alendal, University of Bergen
 - ANICA** - Carina Hofmann, Technische Universität Darmstadt
 - DIGIMON** - Arvid Nøttvedt, NORCE
 - FUNMIN** - Devis Di Tommaso, University of London
 - LAUNCH** - Peter van Os, TNO
 - MemCCSea** - Georgios Skevis, CPERI/CERTH
 - NEWEST-CCS** - Mathieu Lucquiaud, University of Edinburgh
 - PRISMa** - Susana Garcia, Heriot-Watt University
 - REX-CO2** - Jens Wollenweber, TNO
 - SENSE** - Bahman Bohloli, Norwegian Geotechnical Institute
 - SUCCEED** - Sevet Durucan, Imperial College London

12.20 – 14.00 *Lunch and Posters Session*

Afternoon parallel sessions

Session A: Storage

Chair: Gerdi Breembroek, RVO

Session B: Capture

Chair: Anna Rosenberg, GSRT

14.00 – 14.30 Pre-ACT – Safe and efficient
CO₂ storage
Peder Eliasson, SINTEF Industry

GASTECH – CO₂ capture by gas
switching technologies
Shahriar Amini, SINTEF Industry

14.30 – 15.00 DETECT – CO₂ storage risk mitigation
Marcella Dean, Shell

3D-CAPS – 3D printing of capture
materials
Robert de Boer, ECN/TNO

15.00 – 15.30 *Tea and coffee break*

Afternoon session: Plenary

15.30 – 16.00 ECOBASE – Establishing CO₂ enhanced Oil recovery in South Eastern Europe
Roman Berenblyum, NORCE

16.00 – 16.30 From ACORN to sapling – Chain integration in the UK,
David Pilbeam, Pale Blue Dot

16.30 – 17.30 Wrap-up and key messages
Mid-term review of ACT projects, *Gerdi Breembroek, RVO*
ACT impacts, *Aage Stangeland, RCN*
Discussion Chaired by *Brian Allison, BEIS*

17.30 Informal get-together with the posters, networking opportunities

20.00 *Dinner*



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