

Accelerating CCS Technologies

ACT Knowledge sharing workshop, 4-5 October 2023, Paris

ACT: Accelerating CCS Technologies

Co-funded by the
European
Commission within
the Horizon 2020



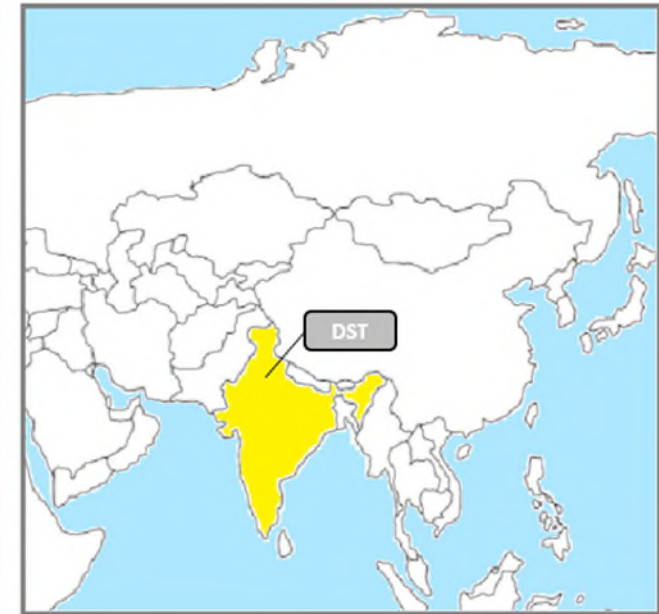
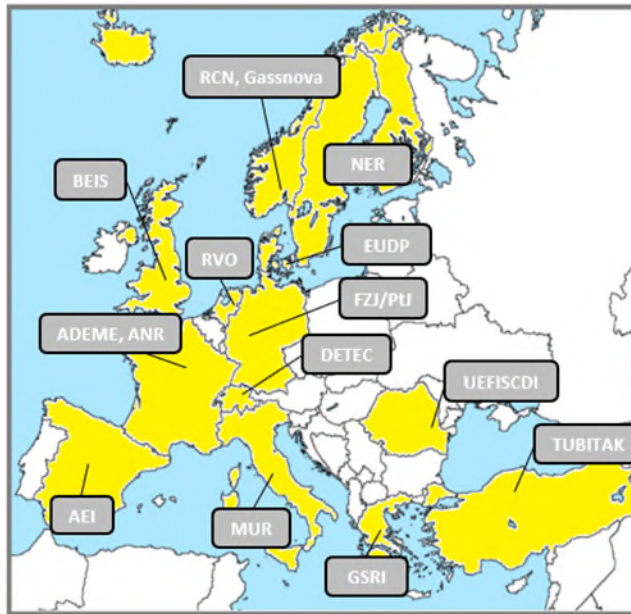
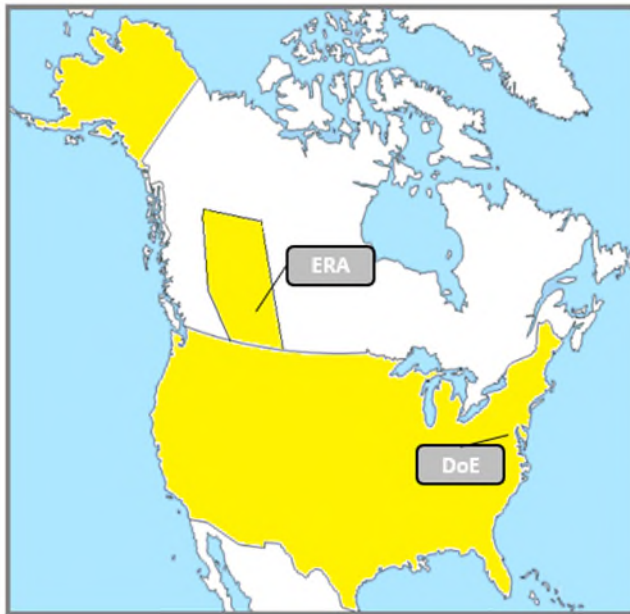
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ACT – Accelerating CCS Technologies

This is ACT

- Funding agencies from Europe, India, Canada and USA, coordinated by the Research Council of Norway
- Aims to accelerate and mature CCUS technologies
- Makes funds available for R&D and innovation projects.



The ACT Funding agencies

-  **Alberta (Canada):** Emission Reduction Alberta (ERA)
-  **Denmark:** The Danish Energy Agency - Energy Technology Development and Demonstration Program (EUDP)
-  **France:** The French Agency for the Environment and Energy Management (ADEME) and Agence Nationale de la Recherche (ANR)
-  **Germany:** Forschungszentrum Jülich GmbH, Projektträger Jülich (FZJ/PtJ)
-  **Greece:** General Secretariat for Research and Innovation (GSRI)
-  **India:** Department of Science and Technology (DST), Ministry of Science and Technology, Government of India
-  **Italy:** Ministry of Universities and Research (MUR)
-  **The Netherlands:** Rijksdienst voor Ondernemend Nederland (RVO)
- Nordic countries:** Nordic Energy Research (NER)
-  **Norway:** The Research Council of Norway (RCN) and Gassnova
-  **Romania:** Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)
-  **Spain:** Agencia Estatal de Investigación (AEI)
-  **Switzerland:** Swiss Federal Department for the Environment, Transport, Energy and Communications (DETEC)
-  **Turkey:** The Scientific and Technological Research Council of Turkey (TUBITAK)
-  **UK:** The Department for Business, Energy and Industrial Strategy (BEIS)
-  **USA:** Department of Energy (DoE)

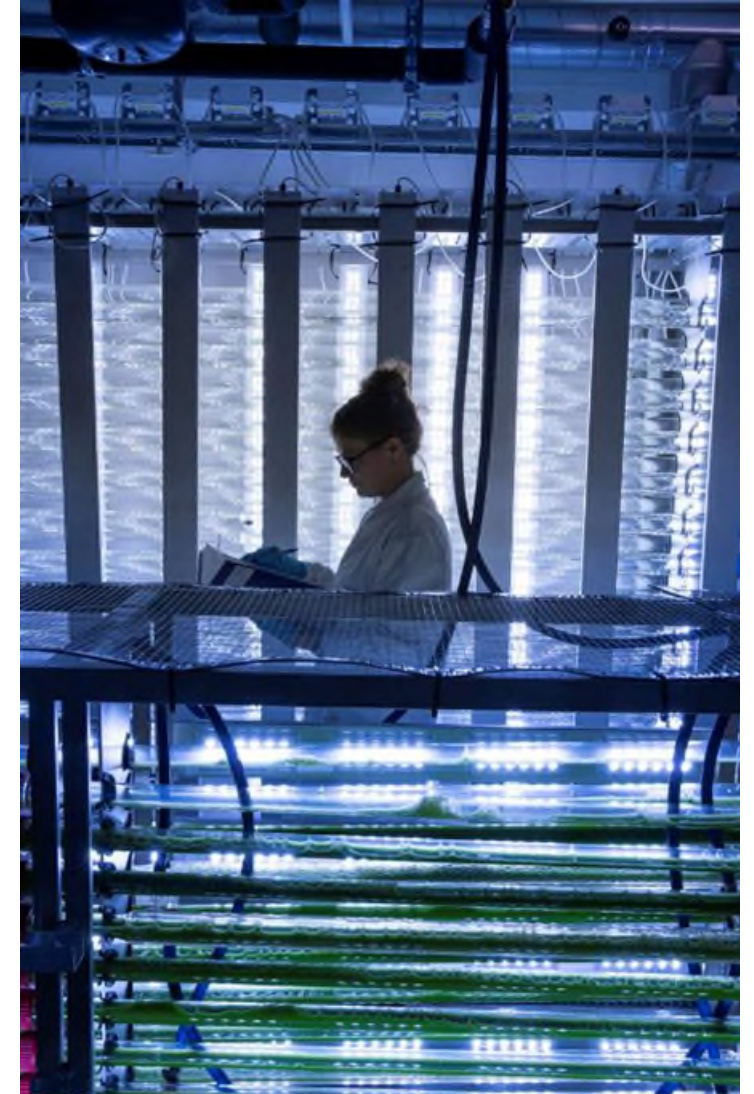
Status for the ACT calls

ACT has funded 39 projects with a total of € 108 M

2017 ACT1	2019 ACT2	2021 ACT3	2022 ACT4	ACT Open Call
<ul style="list-style-type: none">• Funding agencies from 9 countries• Eight new projects started in 2017• € 35 M from ACT of which € 11 M from EC	<ul style="list-style-type: none">• Funding agencies from 11 countries• 12 new projects started in 2019• € 32 M from ACT	<ul style="list-style-type: none">• Funding agencies from 15 countries• 13 new projects starting late 2021• € 29 M from ACT	<ul style="list-style-type: none">• Funding agencies from 5 countries• 6 new projects starting late 2021• € 12 M from ACT	<ul style="list-style-type: none">• Funding agencies from 4 countries• Targeting industrial projects• The Call is open for applications!

Effects of increased international cooperation

- Efficient flow of knowledge, competence, and data across borders; and within funded projects
- Higher budgets for RD&I within CCUS than would have been the case without ACT.
- Alignment of national RD&I strategies.
- The projects funded by ACT have closed knowledge gaps.
- Results created by ACT funded projects are to a large extent available for international researchers, industrial stakeholders, and decision makers.



Knowledge Sharing Workshops

- The projects interact and learn from each other
- Projects join forces to accelerated CCUS technology development
- Focus on communication of results to CCUS stakeholders, industry, and decision makers
- ACT Knowledge Sharing Workshops
 - Switzerland 2016
 - Romania 2017
 - Germany 2018
 - Greece 2019
 - Virtual workshop 2020
 - The Netherlands 2022
 - France 2023



Wishing you two successful days!

Get the most out of these days to boost your project

- Thematical sessions with ample room for discussion
- Contribute to the discussion, to improve our understanding
- Take advantage of the breaks and poster sessions for in-depth exchange or for exploring future collaborations
- Build relations
- There is increasing momentum for CCS, but also for CCU and CDR – what can ACT contribute? What needs to happen next?
- How to disseminate key messages beyond the scientific community?

Thank you, France / Paris for hosting us!

Wishing you a memorable workshop!

