

# What is ACT?



ACT is an international initiative based on the Horizon 2020 European Commission funding scheme. Its aim is to accelerate and mature CCUS technology by making available funds for transnational research and innovation activities/projects.

ACT, coordinated by The Research Council of Norway, is a collaboration of research and innovation funding organisations from eleven countries.

Nine European countries started this collaboration in 2015. The first Call for projects took place in 2016. Since then, ACT has expanded its collaboration beyond Europe, with USA now included in the consortium.



The ACT partners are France (ADEME), Greece (GSRT and CERTH), Germany (Jülich, FZJ/PtJ), The Netherlands (RVO), Norway (RCN and Gassnova), Romania (UEFISCDI), Spain (MINECO-AEI), Switzerland (DETEC) Turkey (TUBITAK), United Kingdom (BEIS) and United States of America (DoE).

## Why ACT?

- Carbon Capture, Utilisation and Storage (CCUS) is a valuable and necessary part of the toolbox for combating climate change.
- Knowledge sharing and international cooperation are necessary ingredients for success.

**ACT's goal is to stimulate to projects accelerating the deployment of CCUS in the energy sector as well as in energy intensive industries**

## 1<sup>st</sup> Call for Projects

For the first ACT Call, nine European countries combined and together along with the European Commission made a total of €36m available for eight high quality research and innovation projects related to CO<sub>2</sub> Capture, Transport, Utilisation and Storage (CCUS).

The following eight projects were offered funding for up to 3 years.

Project	Activities	ACT, M €	Norway	Netherlands	UK	Germany	Romania	Switzerland	Spain	Turkey
ALIGN	Chain integration, clusters	14,5	x	X	x	X	X			
ELEGANCY	Chain integration, hydrogen	8,9	X	x	x	X		x		
PRE-ACT	CO <sub>2</sub> storage, pressure handling	4,5	X	x	x	X				
ACORN	Full chain CCS / infrastructure	2,0	x	x	X					
DETECT	CO <sub>2</sub> storage, risk assessment	2,0		X	X	X				
ECOBASE	CO <sub>2</sub> -EOR SouthEast Europe	1,2	X	x			x			x
GASTECH	Gas switching technology	1,7	X	x			x	x	x	x
3D-CAPS	3D printed sorbents	1,5	X	X			x			

The ACT funding has generated projects worth €50m.

These projects in total cover all aspects of the CCUS chain. All partners are involved in at least one project.

(the highlighted X's indicate the lead country)

## 2<sup>nd</sup> Call for Projects

The 2<sup>nd</sup> ACT Call was published in June 2018 with a budget up to €30m. The national budget varies between €0.45m and €7.4m. The Call attracted 47 pre-proposals. The projects that pass stage 1 of the evaluation will be invited to submit full proposals by 1 March 2019.

**The ACT Call addresses the technological, environmental, social and economic challenges required to accelerate CCUS**

## Ambitious Plans

With two successful Calls and projects underway, the ACT partners have established themselves as a new multilateral funding scheme for research and innovation dedicated to CCUS.

ACT is a fit-for-purpose, partner-driven, flexible, and an easy-to-join multi-national funding scheme that serves our ambition to make CCUS a commercially viable climate mitigation technology. We plan to launch additional Calls, with a third Call no later than 2020.

## Would You Like to Become an ACT Partner?

ACT has become a well-known instrument for CCUS and we will continue welcoming new partners to participate in the further development of ACT Calls and strategic actions for CCUS deployment. The requirement for joining ACT is that you are a funding body (program owner or program managers) or a Ministry and can contribute with funding for future transnational Calls.

Taking part in ACT will enable funding for transnational research and innovation projects, and have an impact on the implementation of this technology in a variety of industries. Along with this, the knowledge sharing taking part between R&D institutions, industry and policy makers are of great benefit for all partners.

### Stay informed – make contact

Information on Calls and projects being funded are available at the ACT web site [www.act-ccs.eu](http://www.act-ccs.eu)

Questions can be addressed to the ACT coordinator at the Research Council of Norway:

Ragnhild Rønneberg ([rr@rcn.no](mailto:rr@rcn.no))

Look at [www.act-ccs.eu](http://www.act-ccs.eu) and find your national contact point.