

# ACT - Accelerating CCS Technologies

## What is ACT?

ACT aims to **A**ccelerate and mature **C**CS **T**echnologies by making available funds for research and innovation activities.

A new instrument under Horizon 2020 called ERA NET Cofund is a new tool for European countries together with the European Commission (EC) to establish large common calls.

Ten partners from nine countries have established ACT, an ERA NET Cofund on CCS, with the objective of accelerating deployment of CCS.

## What will ACT do?

Early in 2016, ACT will publish a joint call for RD&D proposals. The budget for the call is close to **41 million euro** and the call will ask for large transnational projects that facilitate the incorporation of CCS in the energy and industrial sectors.

## ACT Timeline

**February 2016:** Preannouncement of the call.

**June 2016:** Call text to be published.

**September 2016:** Due date for proposals, stage 1. Only sketches of how the projects will look like are required.

**September 2016:** Invitation to second stage for all application passing stage 1

**January 2017:** Due date for proposals, stage 2. Full proposals are required.

**July 2017:** Evaluation of proposals completed

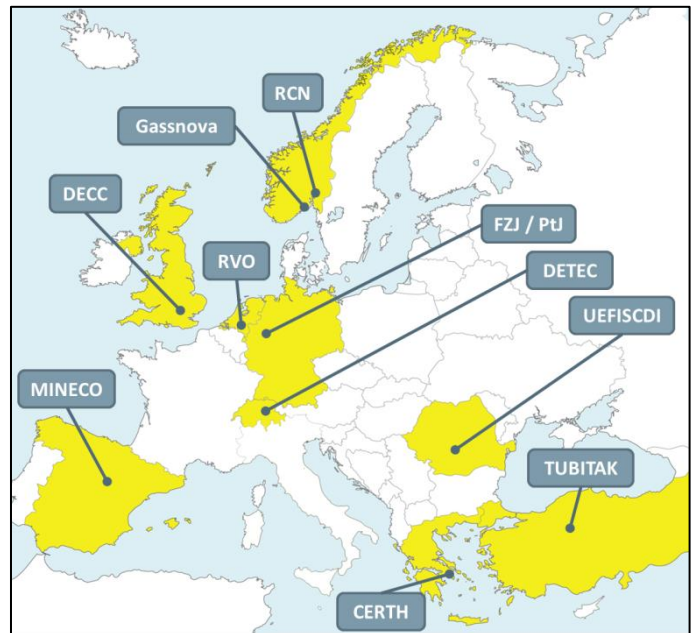
**July 2017:** Signing contracts with new projects

**July 2020:** Projects closing

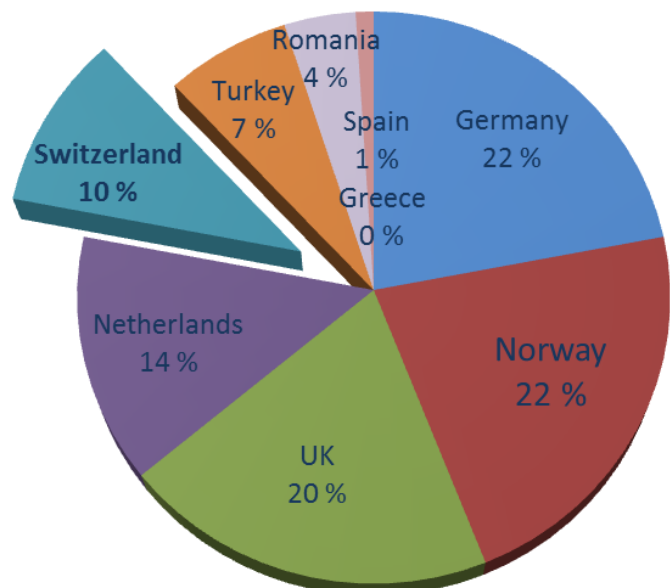
## Stay informed

Information will be available at the ACT web site that will be up and running in February 2016:  
[www.ACT-CCS.eu](http://www.ACT-CCS.eu)

## ACT members



## Indicative distribution of the budget



The total budget for the 2016 ACT call is close to 41 million euro.

## Provisional thematic areas

The ACT call will ask for RD&D projects that can lead to deployment of CCS in Europe. Project proposals with high industrial relevance and industrial involvement will be prioritised.

The call text is not defined yet, but most of the budget will most likely be spent on a few, but large projects addressing the thematic areas below.

Thematic areas	Aim
Chain integration	Addressing RD&D gaps in the full CCS chain, including CO <sub>2</sub> capture, transport, and storage, incorporating related case studies for social acceptance.
Capture	Capture techniques emphasising efficiency, competitive cost and flexible operations.  Advanced technologies aiming in a higher operational flexibility and energy efficient capture
Transport	Pipelines and ship transport aimed at early operations of European CCS projects for power generation and industry
Storage	Measurement, monitoring and verification (MMV) at relevant storage sites and the surrounding geosphere emphasising tools and methodology
Utilisation as an integral part of the energy case	Optional CO <sub>2</sub> utilisation via e.g. enhanced oil recovery (EOR) including prospective revenue streams and related viable business models, as a vehicle to make CO <sub>2</sub> capture viable.

A minor part of the budget will most likely be available for smaller R&D projects.

Projects linking up with pilots or demonstration projects will be viewed in a positive light.

## Requirements for proposals

Project proposals have to be from large European consortia with several partners from several of the participating countries. Detail on how many will be available when the call text is published.

Swiss partners will get the same funding rates as in ordinary projects – in all likelihood through the SFOE's Pilot and Demonstration Program or, if applicable, through the SFOE's Energy Research Program. The Swiss part of ACT proposals should be thus be defined as one of the standard projects at the Swiss Federal Office of Energy.

Please note that we will prioritise proposals where the Swiss part has high industrial relevance and high industrial involvement. The ambition is not long term basic R&D, but projects that can lead to CCS deployment in Europe on a shorter time scale.

## Questions?

The Swiss partner in ACT is the Swiss Federal Office of Energy. Please contact us if you have any questions.

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