

We hereby provide information from our institution/department/industry to be included in the list of CCS-institution/industry to be published on the ACT-homepage (www.act-ccs.eu).

1. Name of Institution:

The Netherlands Organisation for Applied Scientific Research

2. Abbreviation:

TNO

3. Department:

Geo Energy

Heat Transfer and Fluid Dynamics

Science and Industry

4. Speciality (ies) field within CCS:

CO₂ Storage

CO₂ storage site characterisation, basin-scale modelling, reservoir simulation, geochemistry, geo-mechanics, well-integrity assessments, monitoring tools and techniques, CO₂ enhanced oil recovery injection strategies, pilot scale demonstration site design and operation. CO₂ fluid dynamics and multiphase flow modelling. Regulatory frameworks for CCS.

CO₂ Capture

Solvent development, VLE measurements, phase change solvent development, degradation modelling and experiments, solvent management, in line monitoring and control, lab testing, pilot testing, aerosol forming, modelling and testing, emission measurement and analysis, emission reduction.

5. Web-page:

<https://www.tno.nl/media/3067/tno-jrv180311-06-ccs2.pdf>

6. Other info:

Example projects (CO₂ storage):

- EU H2020 - ENOS (2015-)
- EU FP7 - [MIRECOL](#) (2013-2017)
- EU FP7 - [ECO₂](#) (2011-2015)
- EU FP7 - [IMPACTS](#) (2012-2015)
- [EU CCS Directive Evaluation](#) (2014-2015)
- [European CCS Demonstration Network](#) (2011-2016)

Example projects (CO₂ capture):

- EU H2020 - [CEMCAP](#) (2015-2018)
- EU H2020 – [ECCSEL](#) (2015 – 2017)
- EU FP7 – [OCTAVIUS](#) (2013-2017)
- EU FP7 – iCAP (2010 - 2013)
- EU FP7 – [CESAR](#) (2008-2011)
- EU FP7 – [DECARBit](#) (2008-2012)
- Many commercial projects on solvent development, lab and pilot testing ect.

7. Contact person:

CO₂ storage

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Place and Date: 14.04.2016

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CO₂ capture

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