

Carbon Capture & Storage in The Netherlands

- Policy and reality -

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Previous developments

- Options document.
This defined the place of CCS between other options to mitigate Climate Change.
- White Paper on Climate Policy
- NMP4
- Report on Energy

All focussed on the medium and longer term

CCS within Dutch Kyoto Policy

- No policy incentives at present
- Present policy made up of programs:
 - EOS (Energy Research Strategy, an umbrella for future programs)
 - Bsic (dedicated subsidy scheme)
 - Energy Transition (a.o. “New Gas”)
 - Unique opportunities arrangement
- Policy content in the Netherlands
 - Ministerial letter concerning Clean Fossil.

Recent developments - National Demonstration

- **CRUST: Gaz de France**
Storage of 59 ton/day in a depleting North Sea natural gas field, reducing the CO₂ content of the produced gas from 13 to 2 vol-%; substitutes flaring.

Upcoming developments - National Research

- Capture: TNO-MEP (a.o. CATO project)
- Storage: NITG-TNO (a.o. CATO project)
- Industrial consortium interested in continuation of work in coal seams (Shell, BP, ACP, DSM, EBN)

Recent developments: Int'l collaboration - demo

- RECOPOL: EU/FP5, NITG-TNO as coordinator; multi-country participants and sponsors
- Participation in International D&D-projects (SACS, Acid Gas Injection, CASTOR, CO2STORE,)

Recent developments: Int'l collaboration - R&D

- IEA GHG R&D programme
- CO2NET2: FP5 thematic network, with 15 partners and about 40 participants
- Participation in international R&D projects (GESTCO, NGCAS,)

Key actors

- ECN
- TNO-MEP
- TNO-NITG
- UU-UCE (Copernicus Institute)
- DUT
- Novem
-and industrial interest

Looking ahead

- CATO (CO₂ capture, transport and storage), a multi-partner R&D-project coordinated by UCE.
- In Energy Transition feasibility studies
- Preparation towards an ECBM-project in The Netherlands
- And of course the development of CRUST and RECOPOL

Want to know more?

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