

CO₂ storage pilots in Europe opportunities for collaboration

Opportunities for Africa in Carbon Capture and Storage (CCS)

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Presentation topics

- CCS pilots in Europe
- Lifetime storage project & activities
- Example of offshore pilot K12-B
- Potential for collaboration with developing countries
 - ENOS project
 - CTCN: support
- → In conclusion



CO₂ storage pilots in Europe



Lifetime storage project



Source flow diagram: Guidance Document 3 to the EU CCS Directive

Storage pilot K12-B (offshore Netherlands)



4,000 m depth In operation since 2004: 102 kt CO₂ injected



Timeline CO₂ injection K12-B



CO₂GeoNet has a long track record on collaboration activities.

- Advise on activities during all phases of CO₂ storage lifetime
- Collaborative research activities at lab and pilot scale
- Provide training on the job
- \rightarrow CO₂GeoNet is CTCN member.







GeoNet

Invitation for collaboration in recently started ENOS project

- Enabling CO₂ storage onshore
- Duration: 2016 2020
- Promoting international collaboration
 - → e.g. with Sanedi (South Africa)



Preparing a favourable environment for CO₂ storage onshore in Europe

In conclusion

A major role for forerunner countries in CCS to help building capacity with follower countries

More in-depth discussion during workshop on 14 Nov before GHGT-13 in Lausanne



Contact info

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GeoNet

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Workshop on forerunner and follower countries in CCS 14 Nov 2016, 8.30-12.00 hours before GHGT-13 in Lausanne

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International collaboration in ENOS project

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