



CO₂ storage pilots in Europe - opportunities for collaboration

Opportunities for Africa in Carbon Capture and Storage (CCS)

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The CO₂GeoNet Association:

An independent and unbiased European scientific voice on CO₂ geological storage



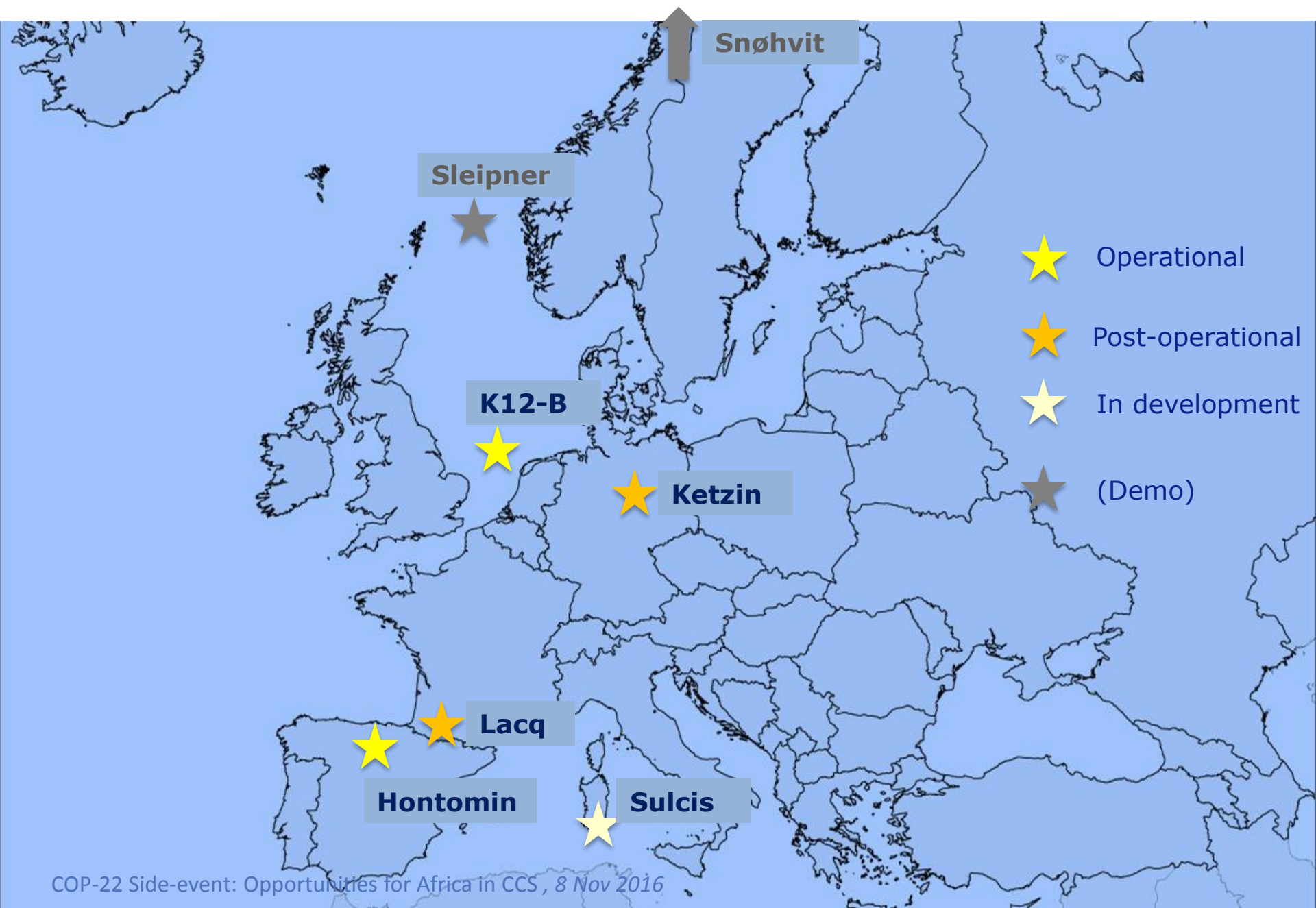
26 members in
19 countries

Presentation topics

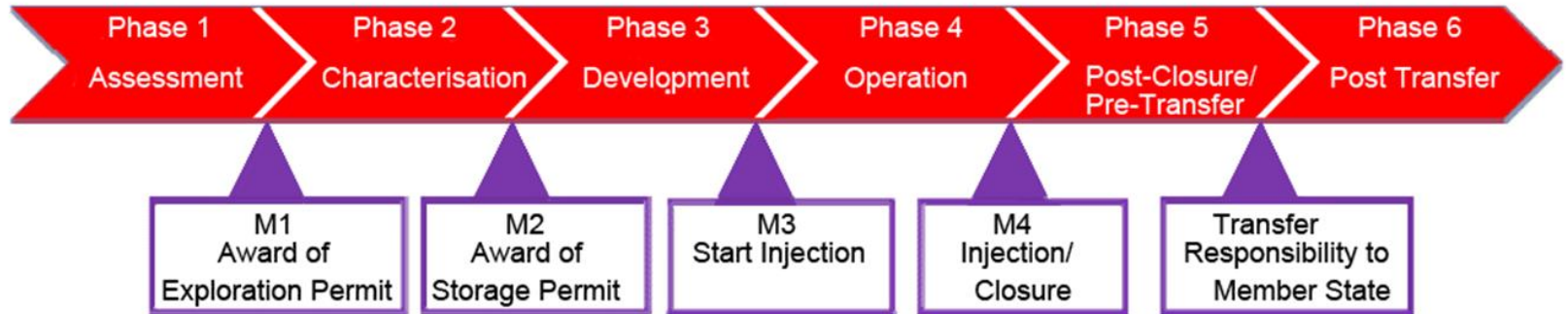
- CCS pilots in Europe
- Lifetime storage project & activities
- Example of offshore pilot K12-B
- Potential for collaboration with developing countries
 - ENOS project
 - CTCN: support
- In conclusion



CO₂ storage pilots in Europe



Lifetime storage project



Screening



Site characterisation



Design and commissioning



Operational monitoring & verification:

- Intervention
- Build up understanding



Decommissioning & transfer



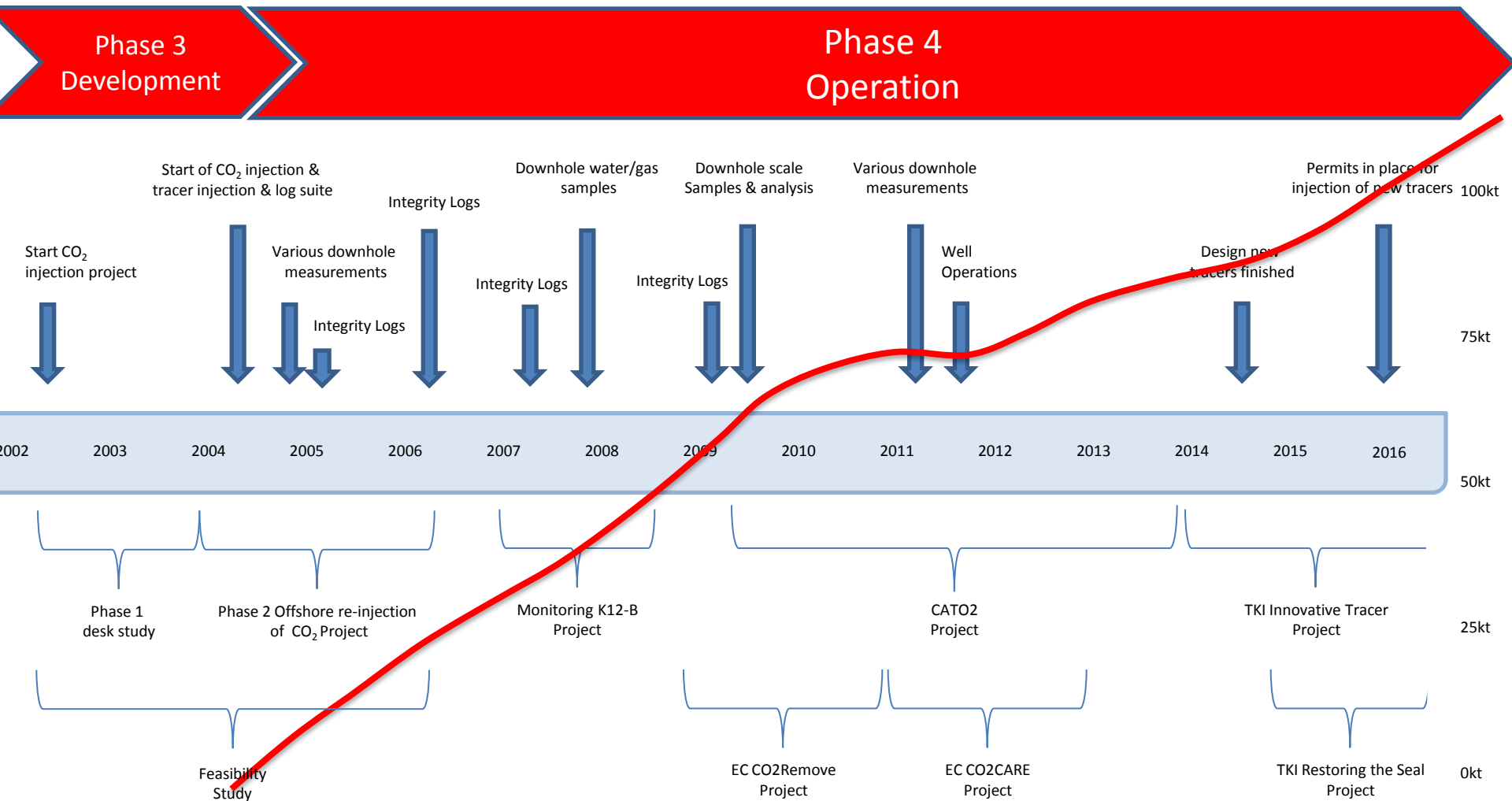
Storage pilot K12-B (offshore Netherlands)



- Gas field at 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
- CO₂GeoNet is CTCN member.

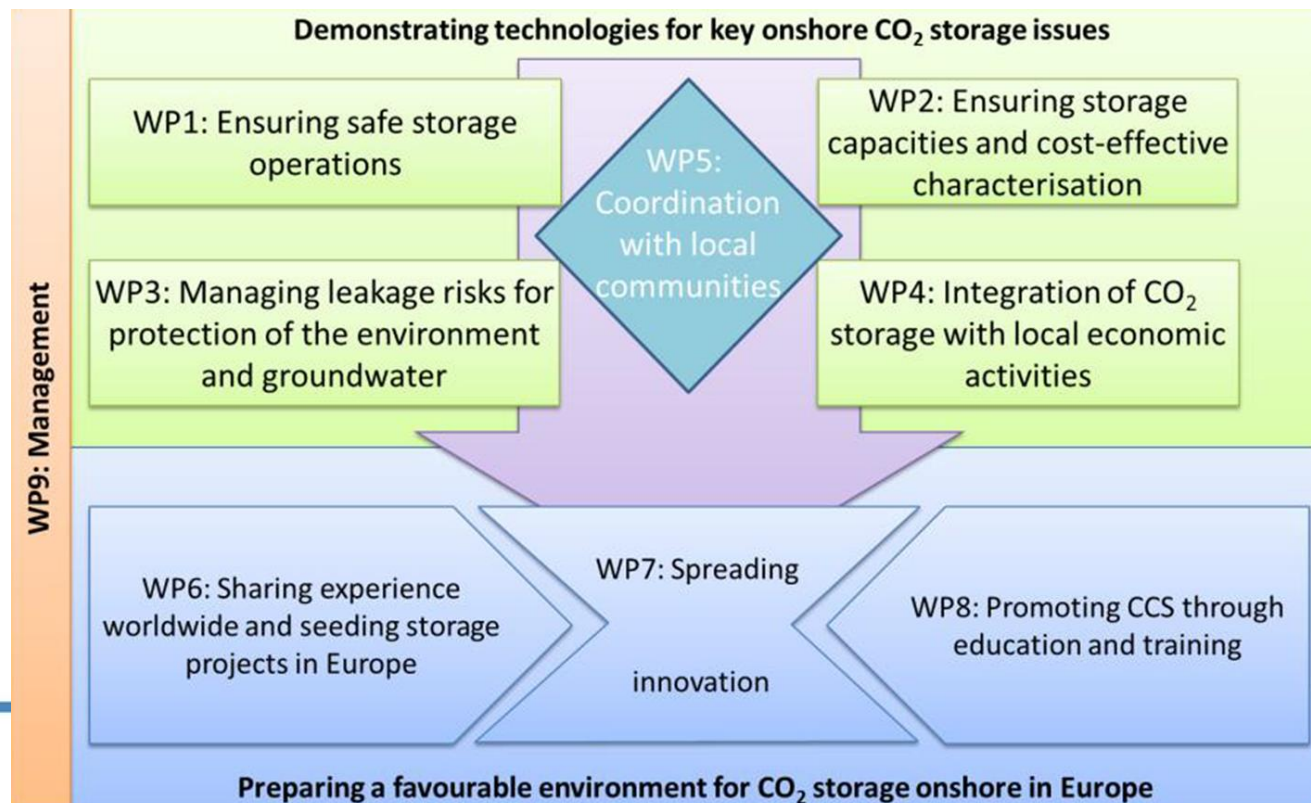




ENOS
Enabling Onshore CO₂ Storage

Invitation for collaboration in recently started ENOS project

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



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

→ CO₂GeoNet

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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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<http://www.geology.cz/repp-co2/english/lausanne-registration>

→ **International collaboration** in ENOS project

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