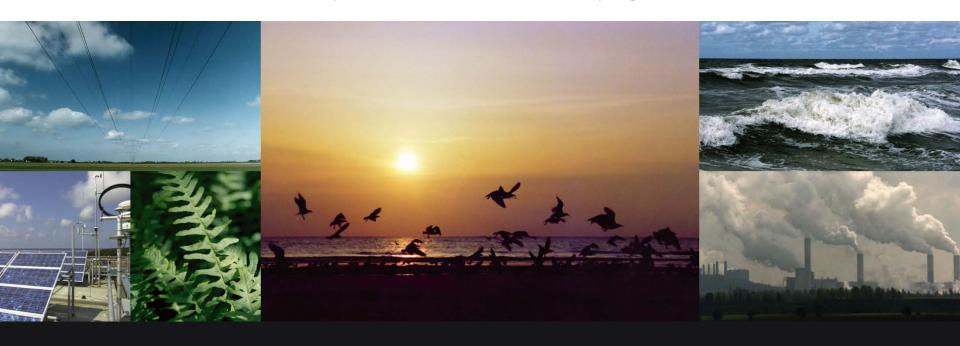


Energy research Centre of the Netherlands

CO₂ capture and storage

Heleen de Coninck IEF – GCCSI – ERI Symposium on CCS: Beijing, September 27, 2009





Three messages

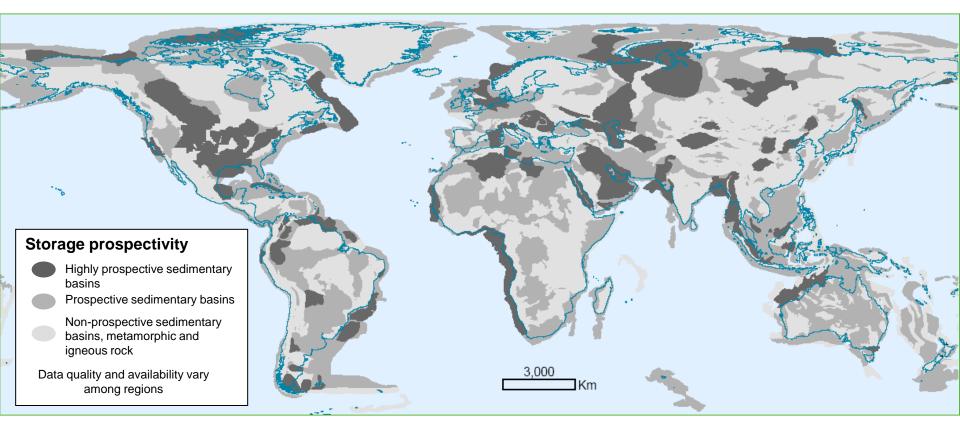
CCS: important for some but less so for others

Handle with care: CCS-readiness

Public perception may not be what you think



CCS global but not universal



A Copenhagen Agreed Outcome should include CCS but also offer something for countries for which CCS is not relevant

Source: IPCC, 2005 www.ecn.nl



CCS-readiness: handle with care

CCS taking longer than initially thought

Plants built in the meantime?

"CCS-readiness"

- Space and capture installation/process
- Transport and storage possibilities/guarantees
- Social site characterisation

Uncertainties

- Guarantees that CCS is eventually used?
- Future technology?
- Incentives/mandates/best practices?

Does CCS have to be through the demo phase before we can understand CCS-readiness?





Public perception may not be what you think

Take the perspective of a lay person

- Lack of understanding of the technology
- I wonder: why me?
- Worried about safety, the value of your property
- The experts do not make the impression that they understand my concerns
- Nobody is listening

Stop convincing, start involving

Public trust needs an independent expert community that improves, not promotes the technology



Three messages

CCS: important for some but less so for others

 Consequences for international collaboration and joint development

Handle with care: CCS-readiness

The why and how questions need to be discussed

Public perception might not be what you think

Stop convincing, start involving



Thank you

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