



SINTEF



# CZECH-NORWEGIAN EXPERIENCE FROM COOPERATION IN CCS RESEARCH

- the benefits and issues in practice

## Czech-Norway PilotCCS Study project

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*COOPERATION BETWEEN FORERUNNER AND FOLLOWER COUNTRIES IN CCS RESEARCH:  
„The Example of Norway and the Czech Republic“*

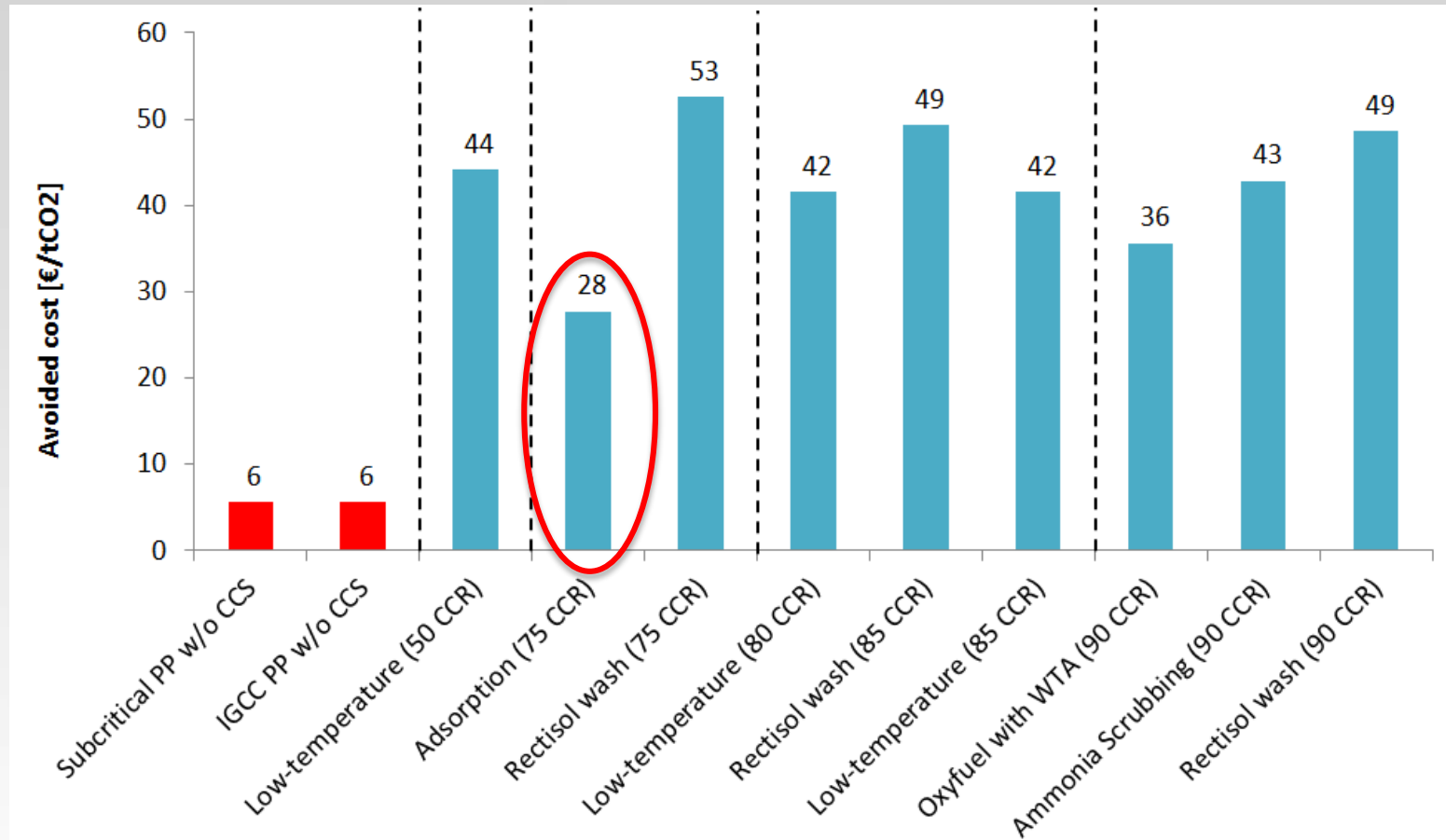
14th November 2016, SwissTech Convention Center, Lausanne, Switzerland

# Czech/Norway collaboration on PilotCCS Study project



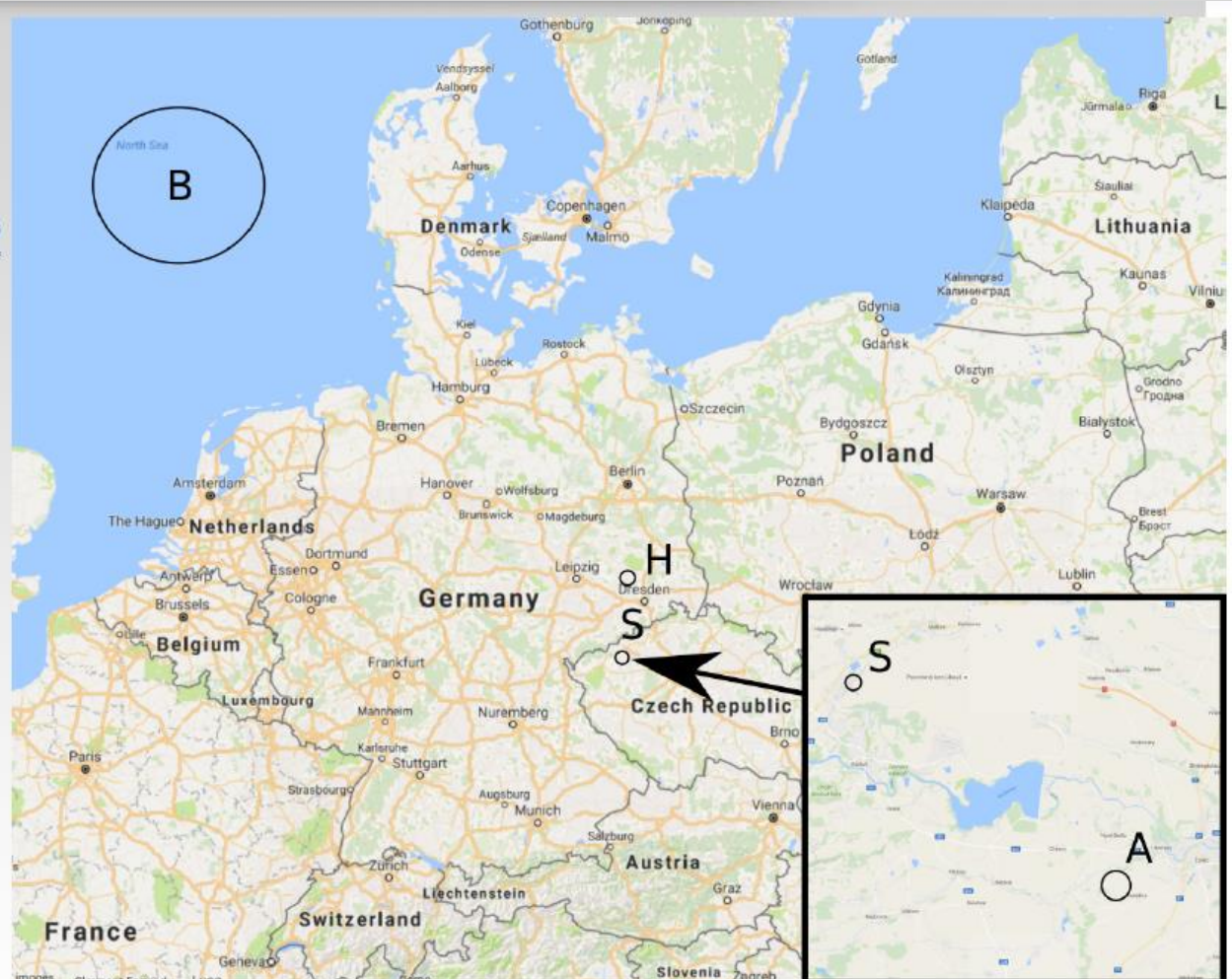
- Technical aspects
- Economical aspects (CAPEX, methodology)
- Administrative aspects
  
- 3 additional activities
  - Techno-economic assessment of CO<sub>2</sub> transport
    - **train transport**

# Economic aspects without CO2 tax



# WP5. - Transport

- A - Onshore
- B - Offshore no.1
- S - Source
- H - Offshore no. 2  
(hypothetical  
HUB for EU CCS  
continental pipe)



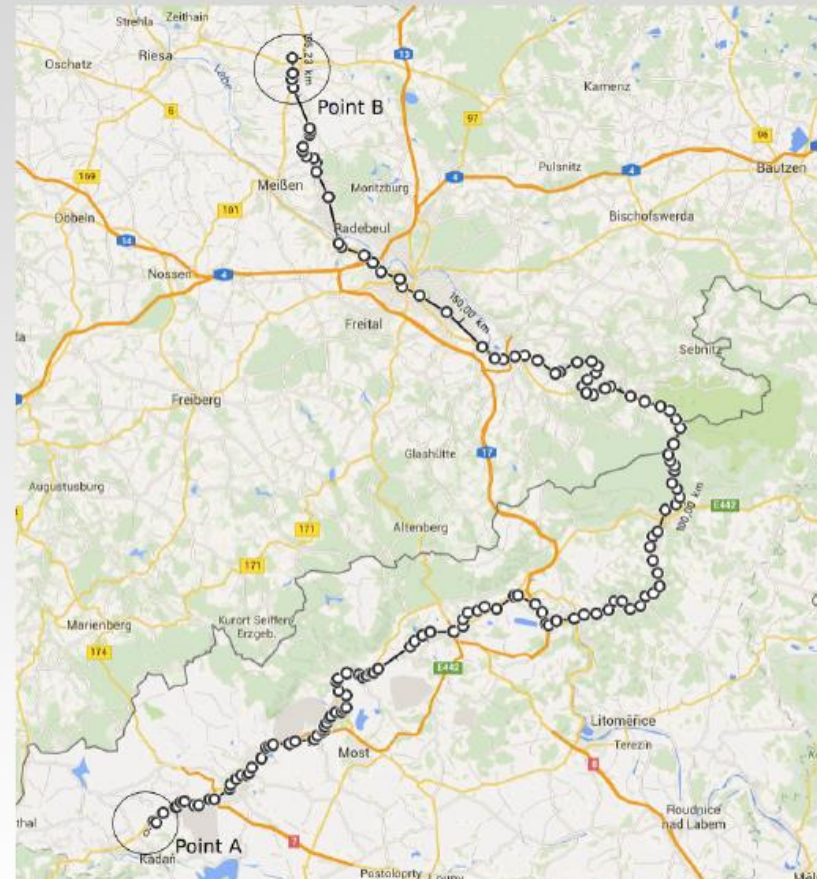
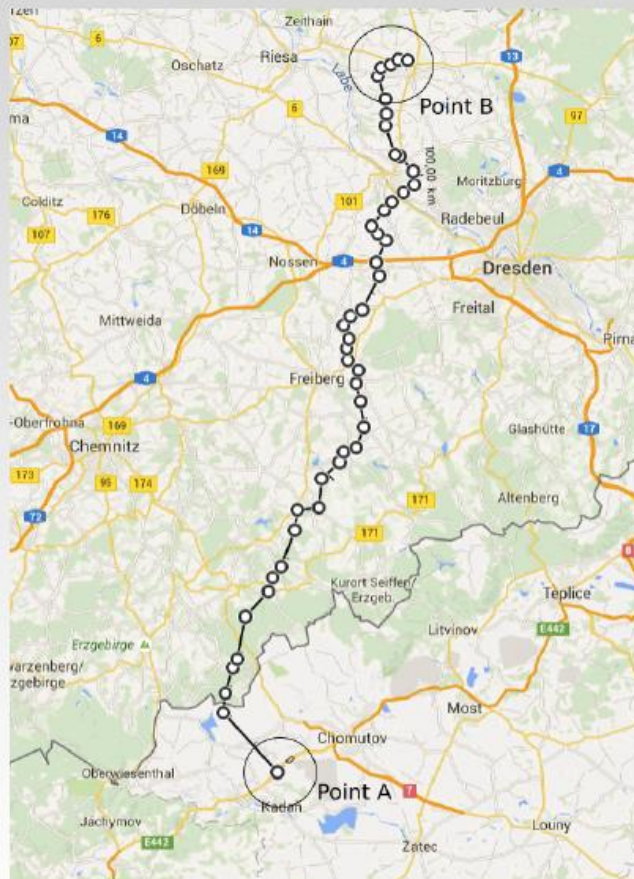
# General benefits or issues of analysed type of transport



Assessment of transport type for conditions in the Czech republic:

	Pipeline	railway
Impact on landscape	Yes	No
Impact on Residents	Yes	Yes
Investment demands	Big	Small
New built up area	Big	Small
Infrastructure	No	Yes
Load factor of transport corridors	Very low	High

- The length of the transport route via pipeline is about 120 km.
- The length of the transport routes via railway is about 200 km.





THANK YOU FOR YOU ATTENTION

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Information about project NF-CZ08-OV-1-003-2015

[www.czech-norway-pilotccs.com](http://www.czech-norway-pilotccs.com)  
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