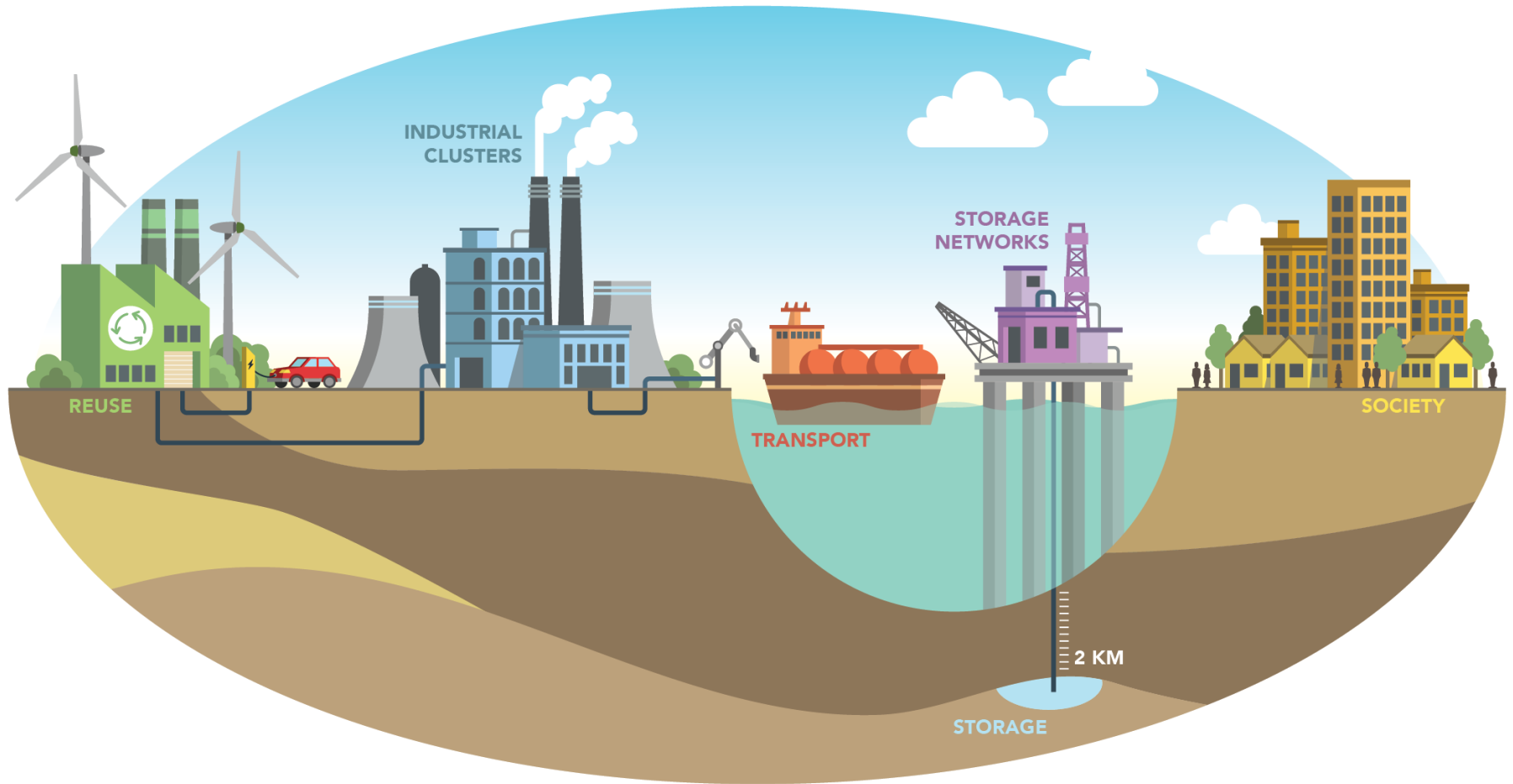


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Projects



Project no 271501, ACT – Accelerating CCS technology

 Peter van Os (TNO)

Coordinator of ALIGN CCUS

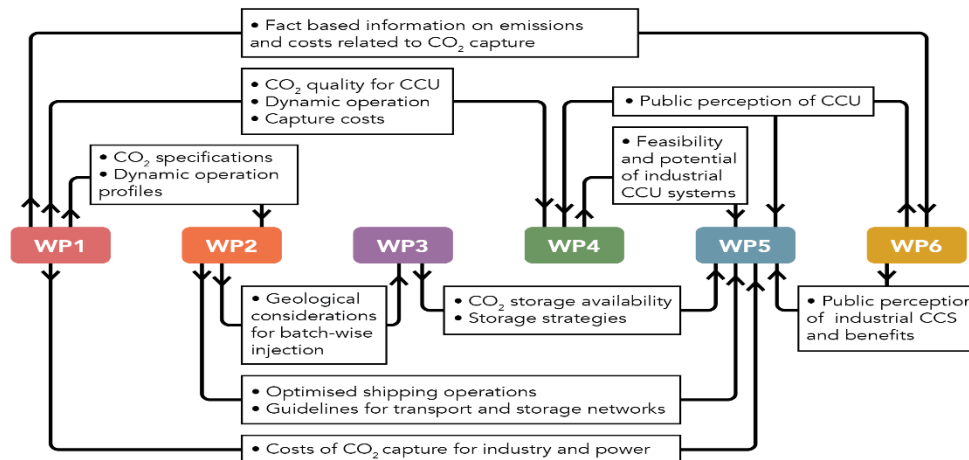
Accelerating Low Carbon Industrial Growth through CCUS

- 31 partners from 5 countries (Germany, Norway, Romania, United Kingdom, The Netherlands)
- ~23 Million Euro project budget, ~15 Million Funding
- September 1st 2017 until September 1st 2020
- Full chain project: Capture, Transport, Storage, Utilization, Clusters, Social Acceptance



Objectives

- To enable large scale, cost effective implementation of CCUS by 2025 with a focus on decarbonizing industrial cluster, the project encompasses a number of focused but interlinked objectives:
 - **Capture:** Enable near-term deployment of CO₂ capture by improving performance and reducing costs
 - **Transport:** Optimising large-scale CO₂ transport
 - **Storage:** Reduce uncertainty in the provision of large-scale storage networks
 - **Utilisation:** Establish the contribution of CCUS as an element for large-scale energy storage and conversion
 - **Social acceptance:** Implementing CCUS in society



Impact

- ALIGN will combine the results from each of these objectives to deliver actionable blueprints in ERA-NET ACT countries: Teesside and Grangemouth (UK), Rotterdam (NL), North Rhine-Westphalia (DE), Grenland (NO) and Oltenia (RO, in which CCUS enables low-emission industries, through geological storage or through utilization of CO₂).



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ACT ALIGN CCUS Project No 271501

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