

ZEP feedback on the Proposed Trans-European Energy (TEN-E) Evaluation Roadmap

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ZEP is a European Technology and Innovation Platform (ETIP) under the Commission's Strategic Energy technologies Plan (SET-Plan), and acts as the EU's technical adviser on the deployment of Carbon Capture and Storage (CCS), and Carbon Capture and Utilisation (CCU).

ZEP welcome the timing of the TEN-E review as Europe prepares for the rapid decarbonisation required to achieve climate targets outlined in the Clean Energy for all Europeans¹ and European Commission's 2050 vision².

The TEN-E Regulation is vitally important to enable cross-border decarbonisation, and is particularly essential to enable the deployment of cross-border CO₂ transport infrastructure networks for CO₂ storage.

There are currently five candidate PCI projects in cross-border carbon dioxide transport networks being considered for the 4th PCI list. This is one more than the 3rd PCI list, and for the 2020-2030 period; as more CO₂ storage projects are realised, the desire for support for cross-border CO₂ transport networks is expected to rise.

In order to more accurately assess the benefits of cross border CO₂ networks, ZEP recommends that the Commission incorporate the findings of both the North Sea Basin Task Force's study into the *Development of a CO₂ transport and storage network in the North Sea*³, as well as the Neele et al, (2013) study titled *A Roadmap Towards a European CO₂ Transport Infrastructure*⁴.

¹ <https://ec.europa.eu/energy/en/topics/energy-strategy-and-energy-union/clean-energy-all-europeans>

² A Clean Planet for all — A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy (COM(2018) 773 final), 28 November 2018.

³ Pershad, H. and Slater, S., 2007. Development of a CO₂ transport and storage network in the North Sea (Report to the North Sea Basin Task Force). *Department for Business, Enterprise and Regulatory Reform (BERR), Element Energy, BGS and Pöyry Energy*.

Available at: <https://hub.globalccsinstitute.com/sites/default/files/publications/179408/development-co2-transport-storage-network-north-sea-report-north-sea-basin-task-force.pdf>

⁴ Neele, F., Mikunda, T., Seebregts, A., Santen, S., van der Burgt, A., Stiff, S. and Hustad, C., 2013. A roadmap towards a European CO₂ transport infrastructure. *Energy Procedia*, 37, pp.7774-7782.