

ECO-BASE

Publieke samenvatting / Public summary

Aanleiding

The Paris Agreement calls for greenhouse gas emission pathways consistent with keeping the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the increase to 1.5 °C. Storing CO₂ is an essential part of reaching this target and commercial utilization of CO₂ is one of the foreseeable mechanisms to create a business case for the storage process. Out of the different utilization scenarios available at the moment CO₂-EOR is the only one capable of continuously utilizing large volumes of carbon dioxide, creating a revenue stream and allowing smooth transition into permanent storage and deployment of large scale CCUS.

Doelstelling

The objective of the project is to support deployment of CCUS by screening the available data, developing CCUS roadmaps and preparing for CO₂-EOR pilots in the SEE area. The project team will access the whole revenue stream and focus on optimization of the CO₂-EOR combined with permanent CO₂ storage (EORStore – Enhanced Oil Recovery with Storage) as a single, undividable process.

Korte omschrijving

ECO-BASE will access EORStore potential through the following activities: - For Romania, Turkey and Greece, create an inventory of CO₂ sources (potential capture projects) and sinks (potential sites for geological storage and for CO₂ utilization through enhanced oil production with permanent

Projectinformatie / Project information

Projectnummer / Project number

ACT271495

Subsidiebedrag / Grant amount

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Algemene informatie / General information

Penvoerder / Secretariat

TNO, Netherlands Organisation for Applied Scientific Research

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storage); - Perform EORStore case studies as a reference for country-wide EOR potential assessment, identify and prepare solid business cases and CCUS revenue streams; - Set up country-based roadmaps for CCS, with a key accelerator role for CO₂-EOR; - Organize knowledge transfer workshops for local CCS stakeholders.

Resultaat

ECO-BASE aims to develop prospective revenue streams and business models for CO₂-EOR in South-Eastern Europe (SEE) and therefore to support large scale CCUS deployment in the region.

De data in deze applicatie is afkomstig van de Rijksdienst voor Ondernemend Nederland (RVO) en wordt in samenwerking met de Topsector Energie ontsloten.

Voor meer informatie over de Topsector Energie, ga naar www.topsectorenergie.nl.

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