



SEED
FUNDING

WASTE-TO-ENERGY PLANTS AS CARBON SINK- Exploring the feasibility of CO₂ capture applied to waste combustion

Seed Funding

Sustainability

The more than 500 waste-to-energy (WtE) plants operating in Europe are collectively responsible for over 100 Mtpa CO₂ emissions, making them attractive targets for CO₂ capture and storage (CCS). The project aims to establish a long-lasting cooperation on the topic, building on the existing expertise within Una Europa partners on CCS technologies, WtE flue gas treatment, and sustainability assessment of complex systems. A series of workshops has been organized to discuss key challenges in the integration of CCS and WtE (complexity of flue gas composition, variety of scale, public perception issues, opportunities for CO₂ utilization within WtE plants) and identify R&D priorities to be explored in future calls.

Details

Budget: €9,000

Duration of funding period: July 2020 - March 2022

Key contact

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Partners involved

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