

Decarbonising Waste

EEW Energy from Waste GmbH

CEWEP Congress, Gdansk, 05/06/2025

Development of a large-scale carbon capture plant

EEW Delfzijl



What are we planning to build?



- › **Technical concept**
amine scrubbing, addition to lines 2 and 3 of the waste incineration plant
- › **Capacity:**
200,000 t/a
- › **Destination of CO₂:**
at least 128,000 t/a CCU, approx. 72,000 t/a CCS
- › **Current:**
construction and operation permit received in February 2024, procurement process incomplete

Learnings so far



eew



Opportunities

- › **General**
 - › Permitting procedure
- › **CCU**
 - › Location outside chemical park with potential customers (gaseous)
 - › Agreement on delivery conditions
- › **CCS**
 - › SDE++ subsidy
 - › Transport options include train, inland barge or sea vessel



Challenges

- › **General**
 - › Procurement: Contract terms
- › **CCU**
 - › No greenhouses or other options for direct use
 - › CO2 demand dependent on availability of cheap, green hydrogen
 - › SDE++ subsidies not available
 - › Innovation Fund
- › **CCS**
 - › Location in the North of the Netherlands complicates transport

Thank you!



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