

Member state workshop: Denmark – Danish Energy Agency

On the 24 October 2019, at the Ministry of Climate, Energy and Utilities offices.

Office/department
EAD/KEFM

Date
28. oktober 2019

Welcome

Anders Hoffmann, Deputy Permanent Secretary, welcomed all the participants.

Presentation by DG Climate Action

Christian Holzleitner, Head of Unit, DG CLIMA presented the EU Innovation Fund, during the presentation the participants had the opportunity to give their input and ask questions both related to the first call, but also to the different definitions used in the regulation for the Innovation Fund.

Project presentations from companies

4 companies looking for funding for their next phase of demonstration presented their projects:

The North Sea Electro-fuel Hub Vision

The presentation summarizes the vision of producing green fuels for the maritime sector from vast resources of off-shore wind in the North Sea. The wind energy is fed through electrolyzers to become Hydrogen and then ammonia. This green ammonia can through the re-designed ship engines become the zero-carbon maritime fuel of the future

SkyClean Carbon-Negative Fuel Concept

The SkyClean concept is to provide a carbon-negative fuel for the global aviation sector. This is achieved using a pyrolysis process with agricultural inputs such as straw and manure – while simultaneously sequestering CO₂ as biochar.

Large-scale CO₂ reduction in the cement industry

The presentation presents a range of potential technologies, which would lead to significant CO₂ reduction in the cement production. The technologies need to be demonstrated in pilot or demonstration scale before implementation.

Carbon Capture on WtE plant at ARC

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For more than one year ARC have looked into Carbon Capture, and the possibility for storage or utilization. Beside the actual status of the project the presentation will highlight the major obstacles (show stoppers) as well as possible partners in reaching the target of a full scale capture plant at ARC's premises in 2025. The presentation will include technical as well as political aspects of the project.

Discussion and questions

The workshop was completed with a discussion. Different topics was discussed, e.g. the importance of a project's TRL, how an application should look like, could a sector not covered by the EU ETS be eligible, how will the applications be assessed.