

An aerial photograph of an industrial park or cluster, featuring several large industrial buildings, storage tanks, and a prominent wind turbine in the foreground. The landscape is green and hilly, with more wind turbines visible in the distance. A white, hand-drawn mountain outline is superimposed over the image, framing the central text.

EXPERT SESSION

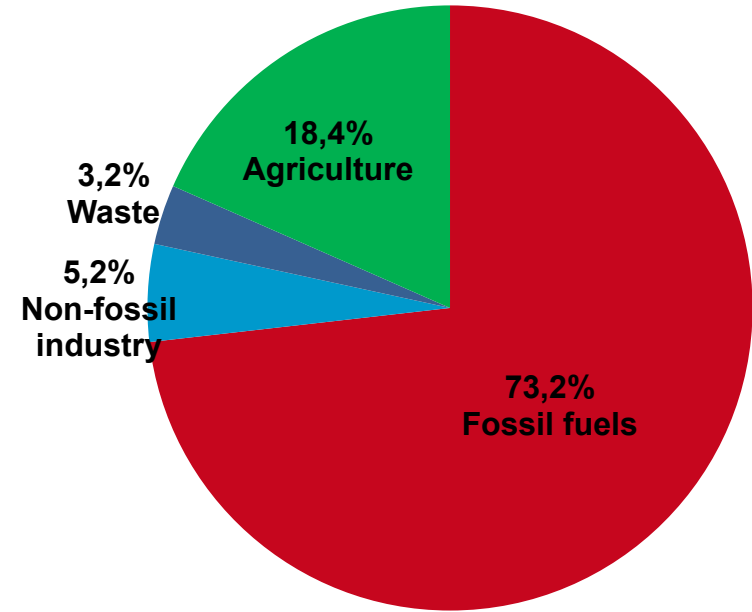
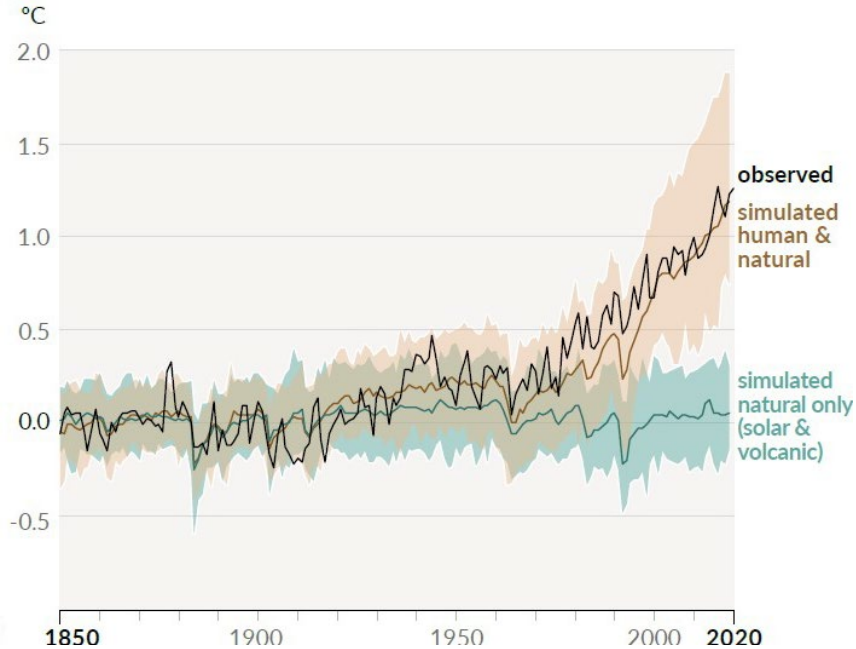
Scaling of technology through industrial clusters

By Jacob Nørgaard, CEO, Stiesdal



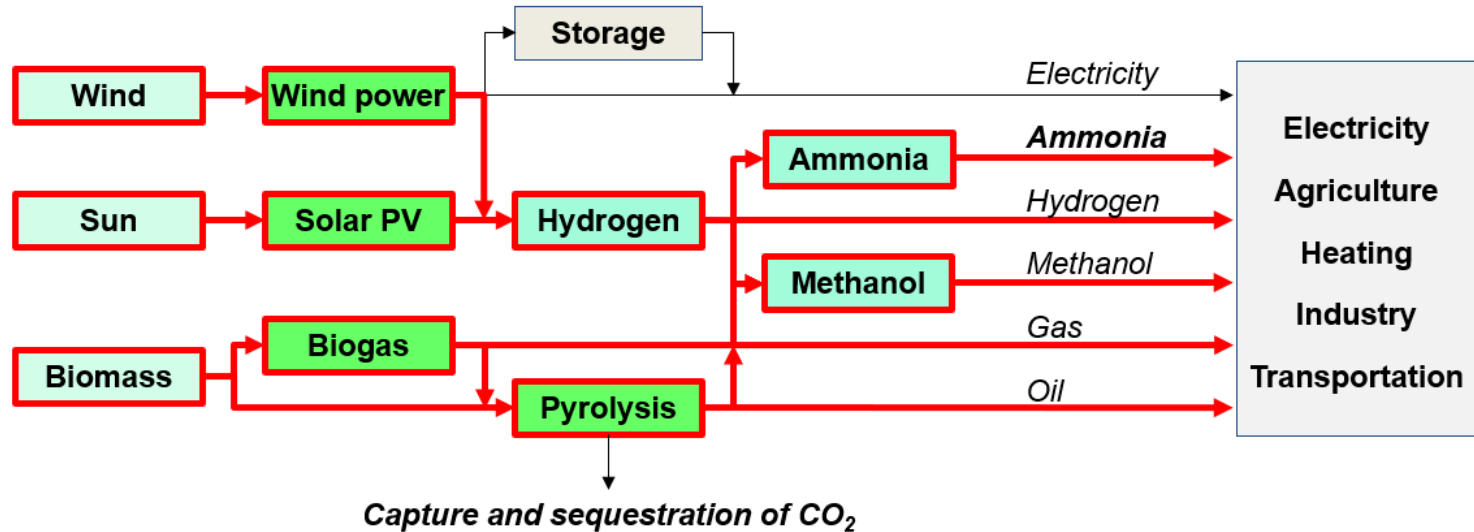
Scaling of Technology

Global warming is man made ... and is mainly driven by fossil fuel combustion



We need a New Energy System

and many of the technologies that will be required to a significant extent be driven by hydrogen



We need scale and speed..





Stiesdal Offshore

- Offshore wind power systems

- Main focus:

Tetra floating foundations

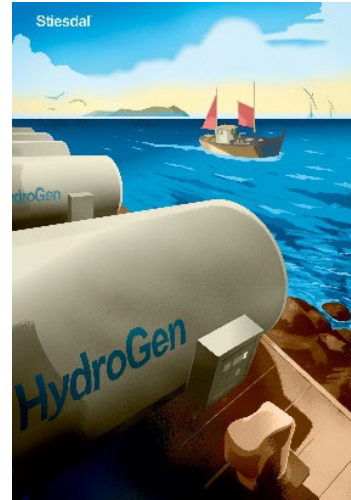


Stiesdal Storage

- Electric energy storage systems

- Main focus:

GridScale thermal storage systems



Stiesdal Hydrogen

- Hydrogen and Power-to-X systems

- Main focus:

HydroGen electrolyzers



Stiesdal SkyClean

- CO₂ sequestration with fuel production

- Main focus:

SkyClean pyrolysis systems



From test unit to commercial plant in 3 years





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