

An aerial photograph of a large industrial facility, likely a hydrogen production plant, situated in a rural landscape. The facility features several large, dark, cylindrical storage tanks, various industrial buildings, and piping. In the background, a line of wind turbines stretches across the horizon under a clear sky. A white, hand-drawn line graphic is overlaid on the image, framing the central text.

EXPERT SESSION

Driving the hydrogen industry forward

By Tejs Laustsen Jensen, CEO, Hydrogen Denmark

Status and next steps: driving the Danish hydrogen industry forward

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GreenLab Summit



Status

All is going well

- PtXtender
- New technology production facilities
- Growing ambitions in the Danish hydrogen industry (+22GW)
- EUHydrogen Bank
- Strategic focus on hydrogen and fuel cells through NZIA

Status

But we are facing challenges

- Increased pressure from the US (IRA)
- Growing threat from China

IEA Global Hydrogen Review 2023:

Half of the world's electrolysis capacity in China by 2024 (1.2GW)

- Risk of losing ownership of green industries (again)

EU imports 89% of solar panels from China

75% of production capacity for batteries is in China

Next steps

Need for much more active industry policy

- Acknowledge that (energy)industry is security
- Utilise TCTF for state aid funds directly to hydrogen and fuel cell industry
- Incorporate qualitative criteria in both DK and EU PtX tenders
- Strengthen efforts to increase EU funding success rate
- Focus strategically on economic security
- Use these measures as a lever for green industrial development