

i-SUSTAIN _



Researching and sharing global best practices in sustainable development since 2003

44 International Study Tours, 850 Participants from OR and WA

(from March 2004 through Sept 2023)



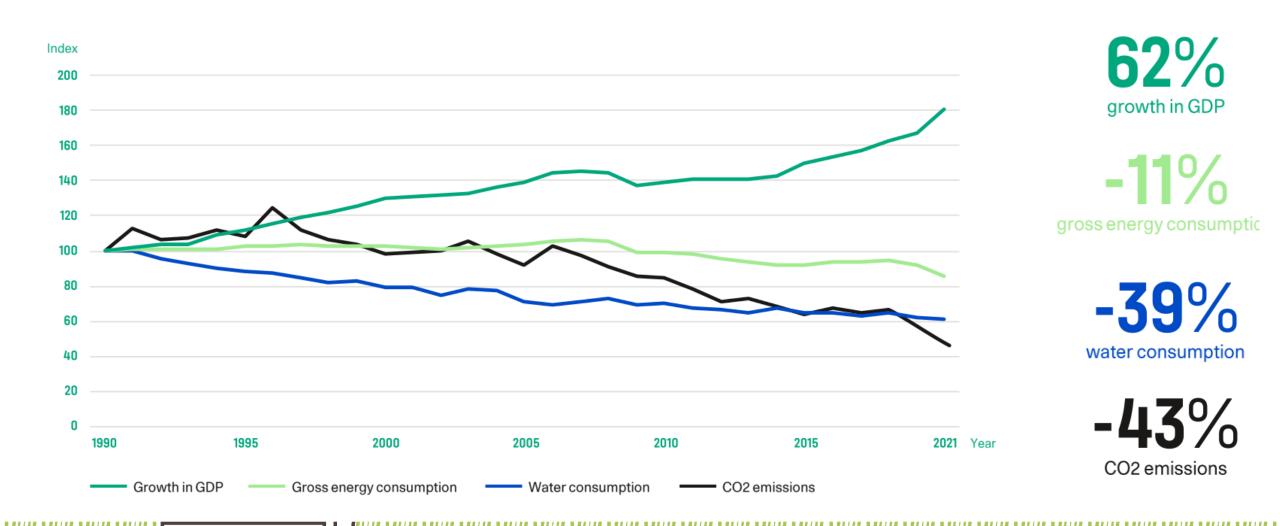


Why Denmark?

Denmark is the most positive view of the future that we have

- Many similarities to the Pacific NW
 - Size
 - Standard of living
 - Urban/rural
 - On the sea
 - Environmental ethic
 - Entrepreneurial/export oriented
- Big picture thinking creates unique solutions
- All sectors/political parties are in alignment about challenges such as climate change

Denmark's Green Transition



Decarbonizing the Gas System

Renewable Natural Gas

Carbon Capture

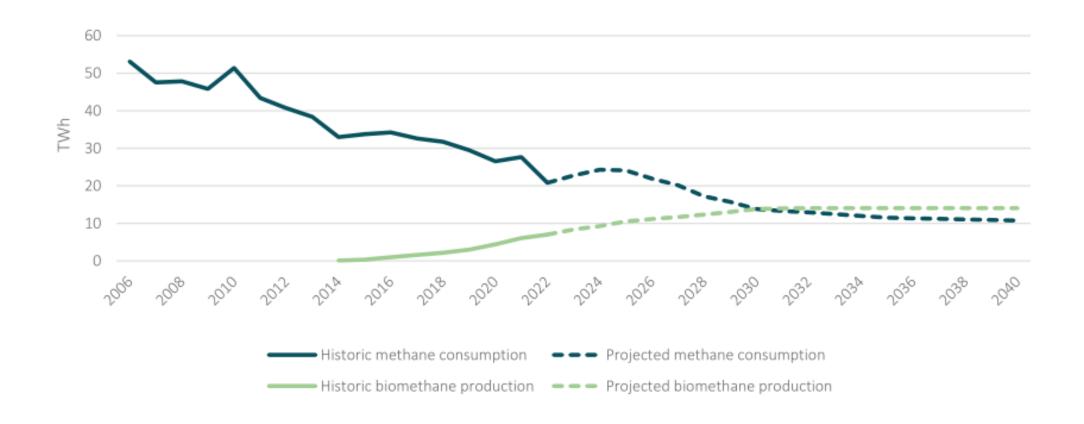
Hydrogen Economy (Power-to-X)

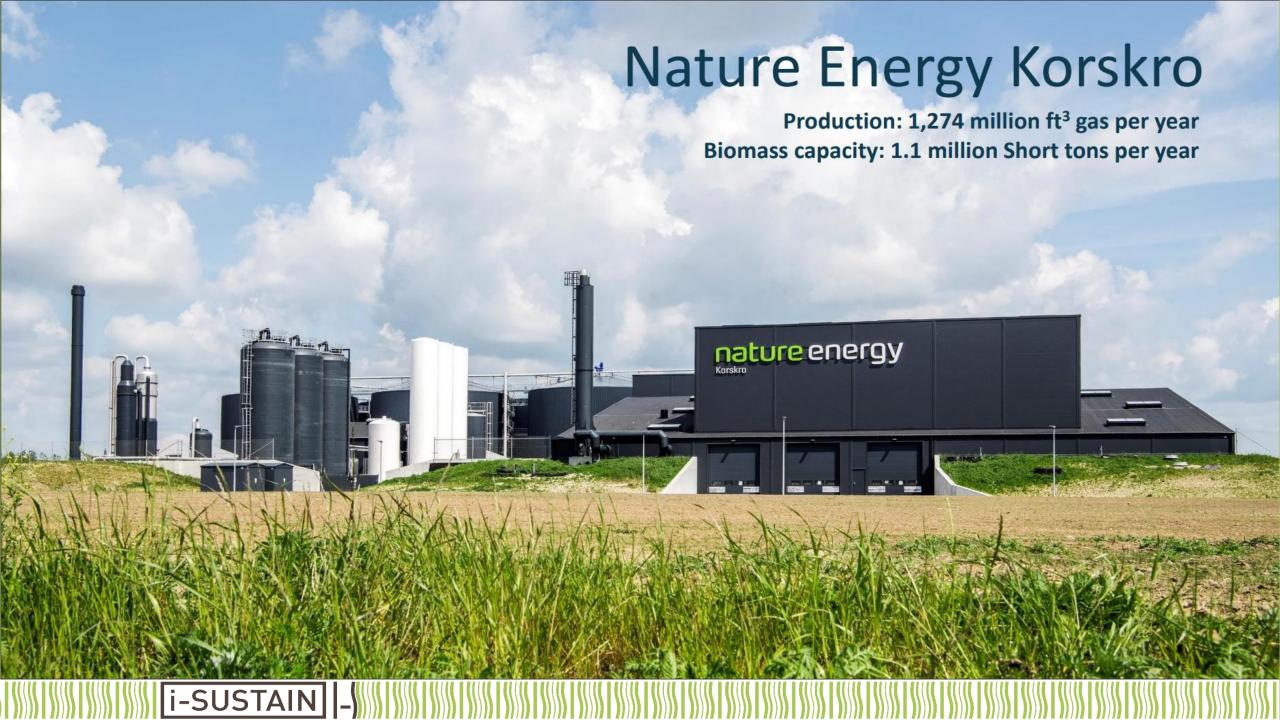


More than 40% of the supply in the national gas grid is now RNG



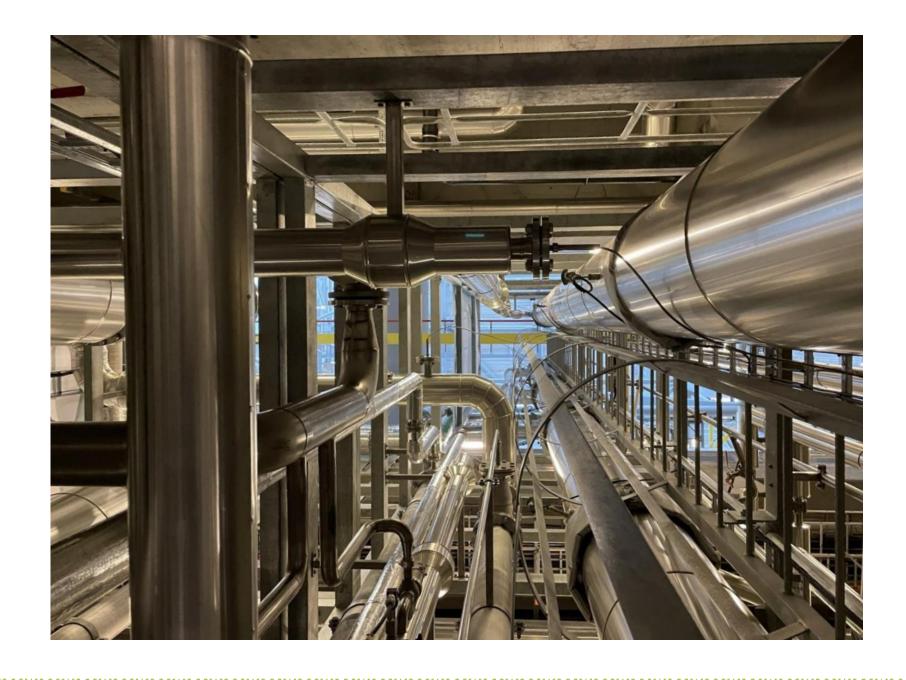
Danish Biomethane Consumption and Production



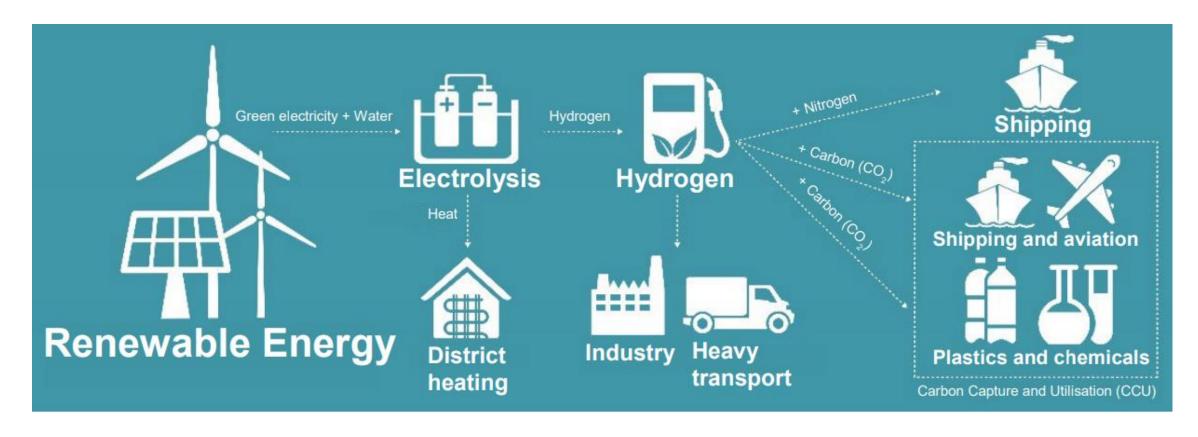


Carbon Capture

Microsoft has signed an agreement to purchase 250k tons of carbon removal per year over 11 years from one power plant



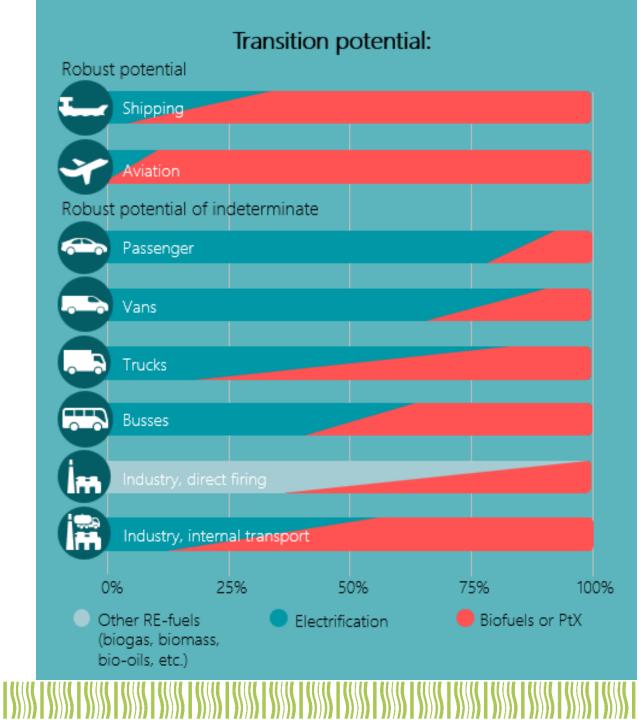
Power-to-X

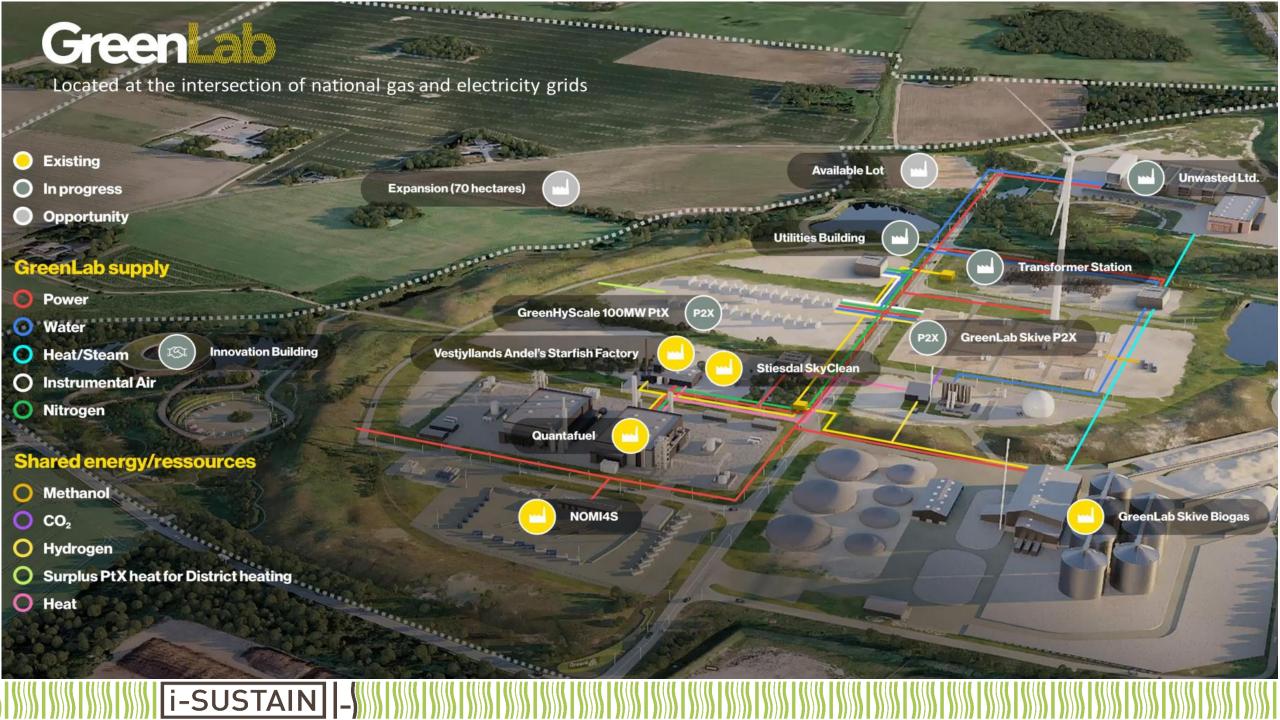


Green electrons in and green molecules out

Role of P-to-X

- Green hydrogen and e-fuels are expected to have a dominant position within shipping and aviation.
- Will play key role in industry and heavy transportation





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