

A decorative graphic on the left side of the slide, consisting of a complex network of thin, light teal lines forming a series of interconnected triangles and polygons, resembling a wireframe or a network structure.

SMART ENERGY SYSTEMS AND ENERGY ISLANDS

Nordic Energy Research Forum 2021

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ENERGY ISLANDS PROJECTS

The North Sea:

3 GW offshore wind by 2033, later at least 10 GW.

The Baltic Sea:

2 GW offshore wind by 2030.

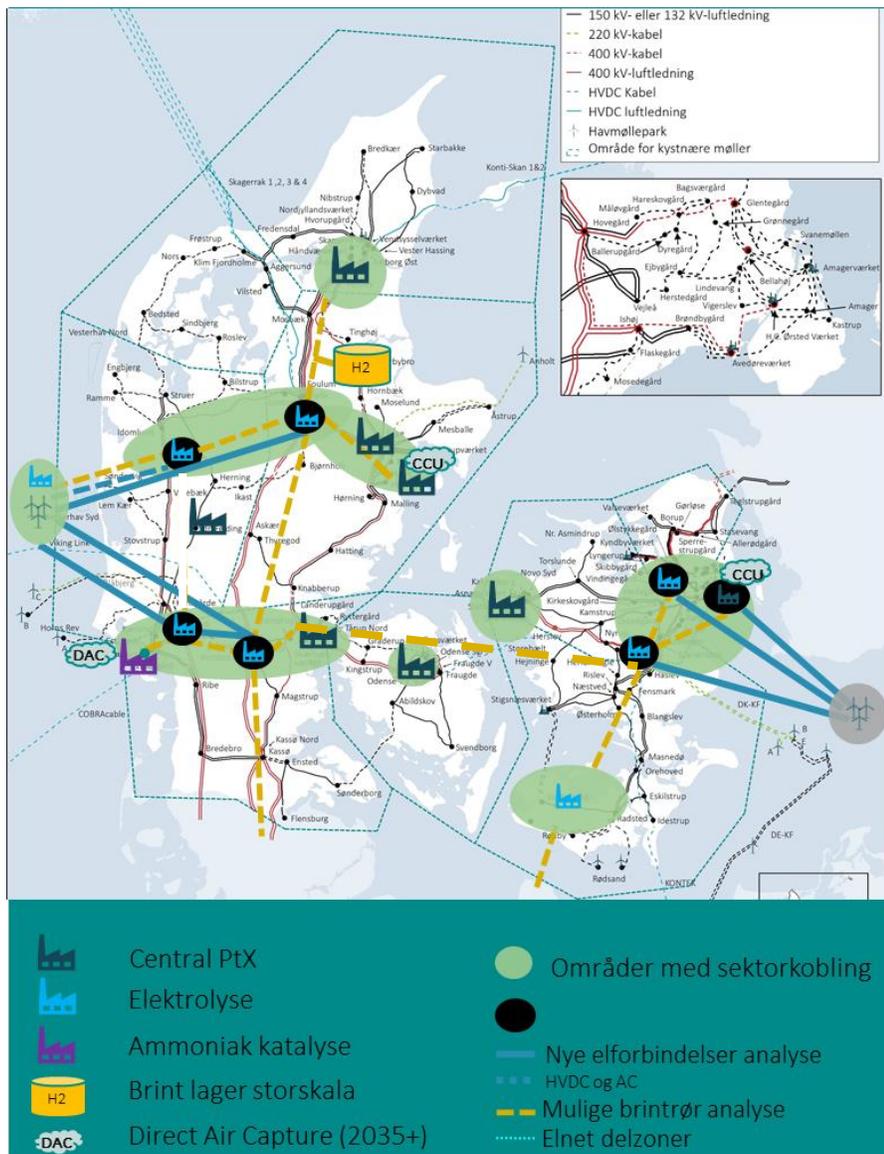
 NEW OFFSHORE WIND FARMS

 ENERGY ISLAND

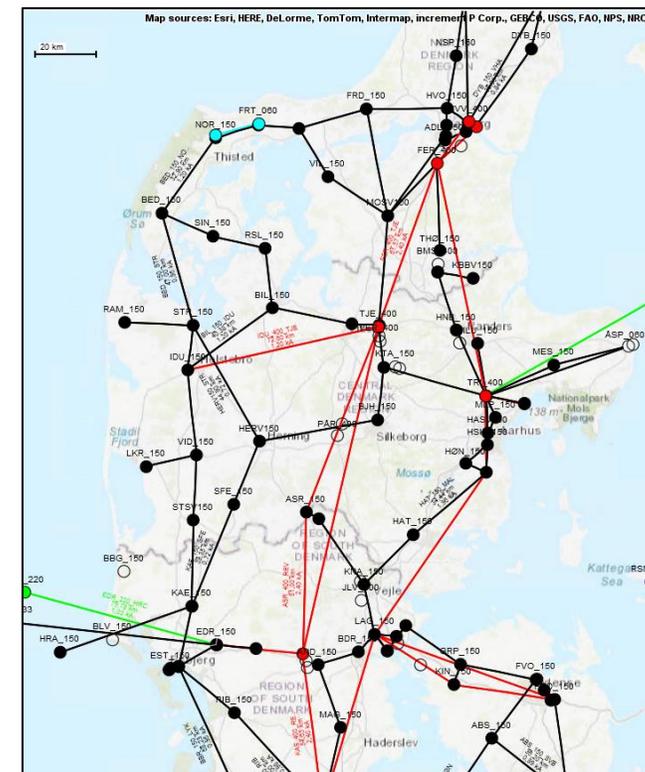
 ONSHORE CONNECTIONS, ALTERNATIVES



ENERGY SYSTEM PERSPECTIVES IN ENERGINET



Grid model



Market zones analysed to handle grid congestion - a part of the Smart Energy System

R&I ROADMAP

