ENERGINET

The Clean Energy Future: Transmission and Policy

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GREEN ENERGY FOR A
BETTER WORLD



ENERGINET



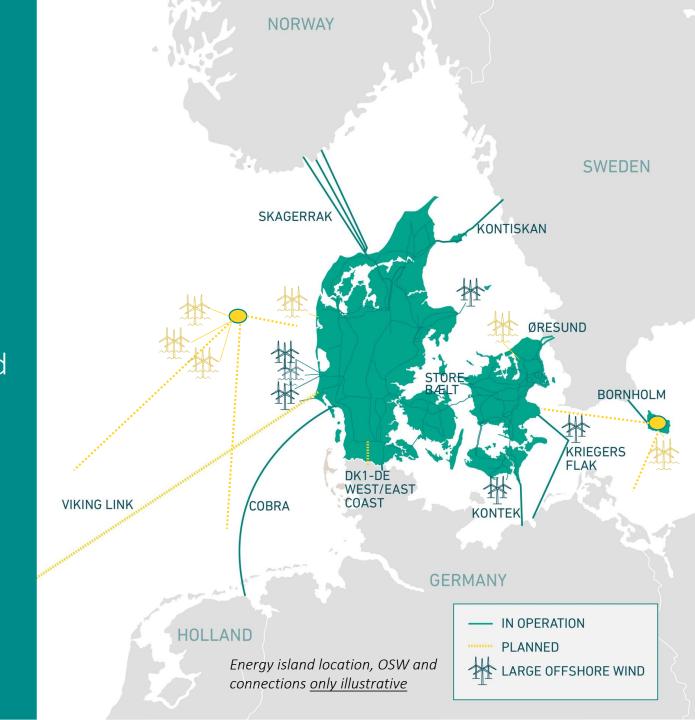
Ambitious offshore wind target



How to integrate offshore wind

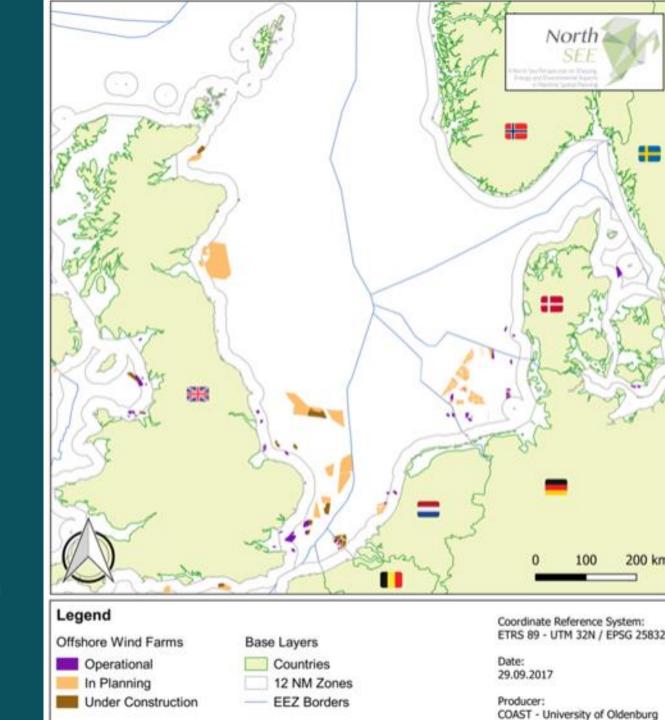


Solutions for affordable integration



AMBITIOUS OFFSHORE DEVELOPMENT

- GEOGRAPHY distance between production and consumption
- SIMULTANITY production and consumption
- PREDICTABILITY uncertainty and complexity
- ACCELERATED DEVELOPMENT technologies, electricity use, digitilization



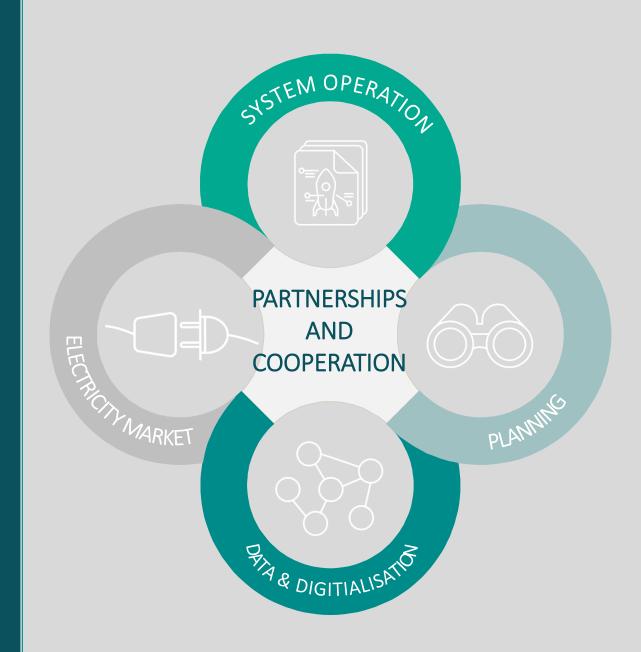
HOW TO INTEGRATE OFFSHORE WIND

ESTABLISHED TOOLS

- Strong grid and interconnections
- International electricity and gas markets
- Specialised analyses and models
- Long-term planning

NEW TOOLS

- Connected system development
- Sector coupling (electricity, gas, heating, transport)
- Market incentives and operational optimisation
- New players and partnerships

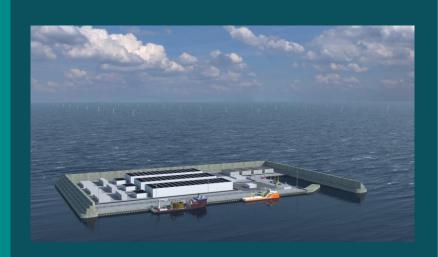


SOLUTIONS FOR AFFORDABLE INTEGRATION

INTERNATIONAL COOPERATION

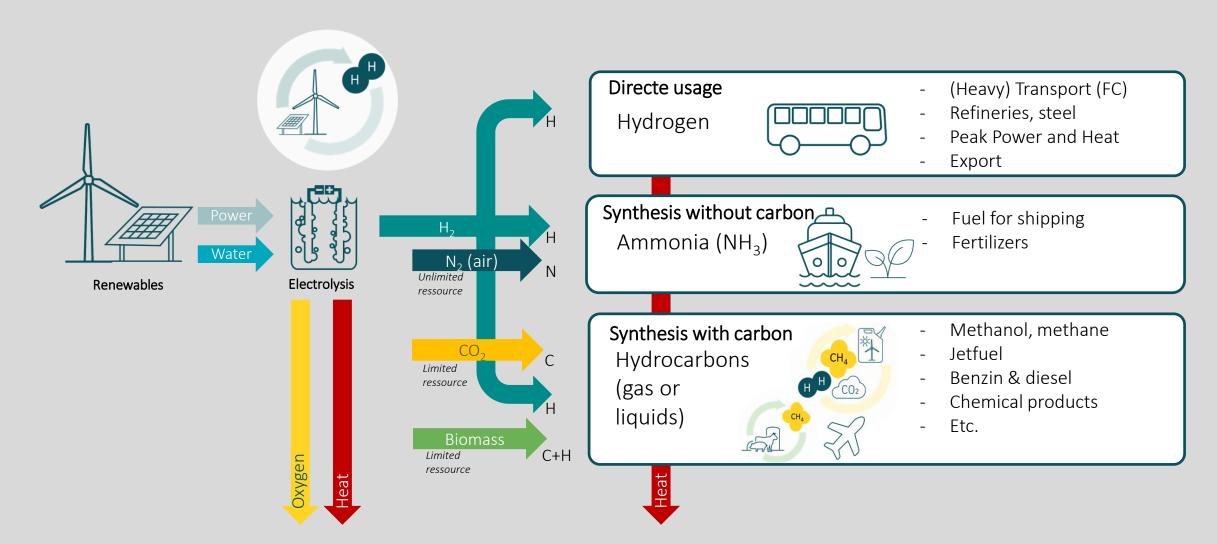
- NORTH SEA WIND POWER HUB/ BALTIC OFFSHORE GRID INITIATIVE - OFFSHORE WIND AND ENERGY ISLAND INCREASING VALUE
- ELECTRIFICATION AND
SECTOR COUPLING







POWER-TO-X: INCREASING VALUE FROM RENEWABLES AND CO2 NEUTRALITY



DANISH EXPERIENCES

Accelerated green transition and reduced long term costs

- Regional long term planning
- Common cross border electricity market and grid planning
- Promote technology development
- Collaboration with society



Thank you for your attention

