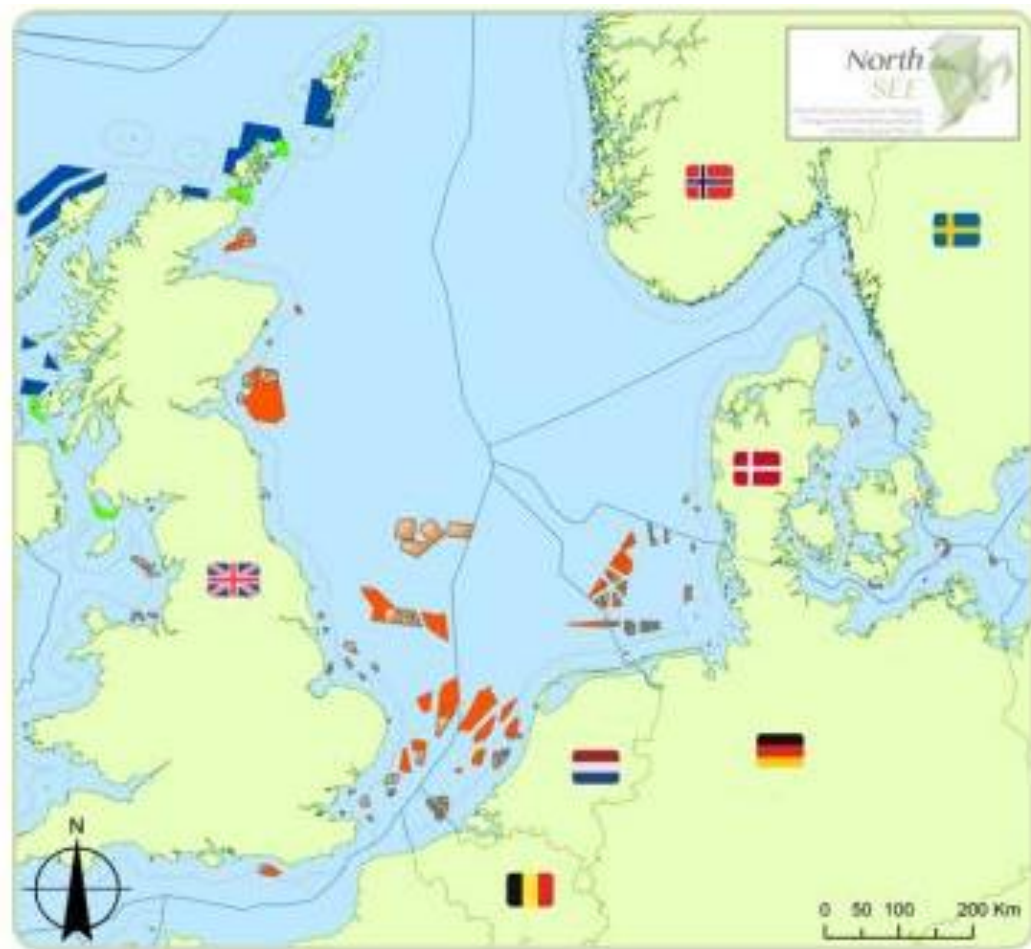


Regional Development Session Discussion

Liming Qiao, GWEC
GOWST 2021, 26 October, 2021



Case Study: North Sea regional collaboration on MSP, grid and supply chain



Credit: NorthSEE

Legend

Offshore Wind Farms

- Existing sites
- Future government designated planning areas

Base Layers

- EEZ Borders
- 12 NM Zones
- Countries

Other Renewables

- Existing wave energy sites
- Plan options for wave energy
- Existing tidal energy sites
- Plan options for tidal energy

Coordinate Reference System:
ETRS 89 LAEA, EPSG: 3035

Date: 13.06.2018

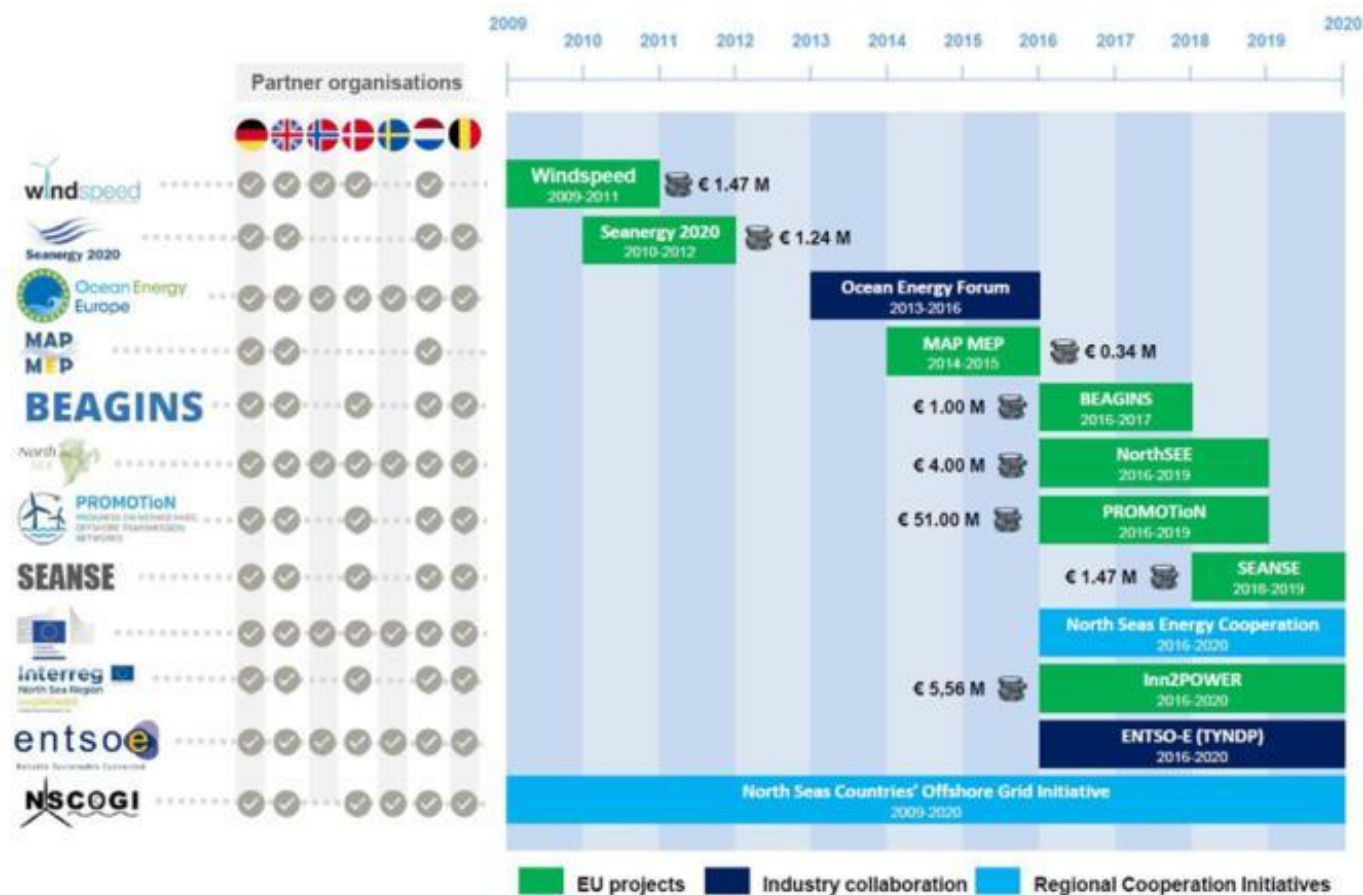
Producer: COAST – University of
Oldenburg

Regional cooperation on interconnection and meshed grid integration, marine spatial planning (MSP) and sector coupling in the North Sea has created a thriving and cost-efficient offshore renewable energy hub.

Currently, APAC region lacks significant mechanisms for international cooperation around offshore wind. Areas like fisheries and interconnection can be addressed using a collaborative approach:

- Can TW take a lead in the regional collaborations?
- Can the regional governments start to think of: supply chain coordination, MSP coordination and others?

Case Study: North Sea regional collaboration shows importance of shared responsibility in tackling challenges



Transnational initiatives have tackled key market barriers:

- Environmental impact of ocean energy
- Interconnection, grid efficiencies and transmission standards
- MSP and stakeholder management (other ocean uses, mapping)
- Understanding offshore energy potential

What's Taiwan's role in facilitating these regional collaboration?