



North Sea Network

Opportunities for Energising deltas

Paulien Kooistra kooistra@energyvalley.nl





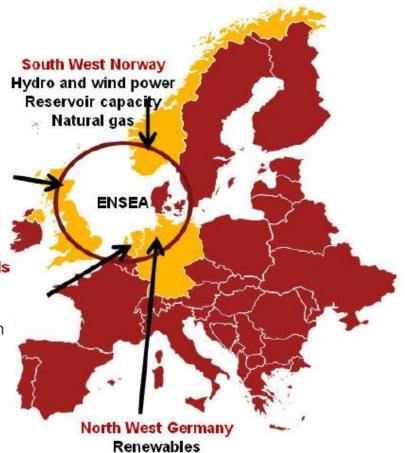
The Energy Mix around the North Sea

Scotland region

Oil & Gas
Offshore wind
Innovation intensive
Wave and tidal energy
Electricity transmission
systems

Northern Netherlands

Gas storage
Economic feasibility
Green gas production
Waste power plants
Tidal energy
Blue energy



Technology Development Smart Grids Storage Systems



European North Sea Energy Alliance



Energy System Integration

ENSEA Overall Objectives

Provide & analyze information

 Provide information on the capabilities, roles and connectivity of participating ENSEA research-driven clusters

Develop & implement a Joint Action Plan

- Derived from the analyses, imply an interregional strategy for the North Sea
- Focus: Specific themes relating to Energy Systems Integration for which macroregional cooperation is required
- Implement Joint Action Plan

Develop North Sea Energy Cluster

- Strengthen a network of research-driven energy clusters around the North Sea
- Promote the utilization of the Energy Systems Integration model as a
- Management tool for a sustainable energy transition





























Center for sustainable energy solutions















Political Network

- Active participation in the Conference of Peripheral Maritime Regions of Europe (CPRM), North Sea Commission, Wadden Sea Forum and the Benelux.
- Tidal and Wave Energy are priorities





- Tools for up scaling: Interreg B North Sea Programme
- Annual Conference in Assen (NL) 16th -17th June 2015