A “Big-Bang” for the North Sea

Claude Turmes, MEP

Ostende, 23 October 2015
Regional markets as a basis for system organisation

European Parliament Resolution of 16 September 2015:
“emphasises that while the right of each Member State to decide its energy sources mix is guaranteed by the Treaty, regional cooperation (e.g. in the Baltic region, South-East European region, Central and Western European region, and North Sea region) would

Source: Heinrich Böll Stiftung / Ecofys
Regional markets for cost-optimisation

Off-shore wind is already the most European of all RES:
• Supply chain is already European
• Installation is already a cross-border market
• Grid is already transnational

Even more regional cooperation needed for:
• Joint spatial and grid planning
• Security of supply
• Market flexibility / balancing
Different financing models

**UK Wind Farms**

- Burbo Extension: 213
- Walney Extension: 213
- Hornsea 1: 199

15 years ≈ 62,500 FLH

**DK Wind Farms**

- Horns Rev 2: 70
- Rødsand 2: 67
- Anholt: 142
- Horns Rev 3: 104

50,000 FLH

Source: Peter Meibom, Dansk Energi
Isolation comes with a high price
Why a « big bang » for the North Sea?

1. To put an end to situations of isolation

2. To ensure system adequacy at macro-regional level – need of a strong governance with the EC in the driving seat: from NSCOGI to a BEMIP-type of holistic partnership

3. To invest in a sector capable to represent 8% of the European electricity demand by 2030 (66 GW of installed capacity) – source EWEA

4. To create local jobs and ensure EU technology leadership in off-shore wind turbines, cables, transformers
What to do now?

1. An **NSCOGI** + with a strong Secrétariat organising projects to bring costs down (planning, harmonisation of safety requirements, standardisation)

2. A special *financial vehicle* linked to the EFSI (Juncker Plan) to reduce capital costs and attract different type of investors

3. Implement *pilot projects*, building upon the Dogger Bank lessons and moving to joint support mechanisms
The « Luxembourg Declaration »

THE LUXEMBOURG DECLARATION

Boosting investments in energy efficiency and renewable energy sources in the energy union

Luxembourg, 23 September 2015

By Claude Turmes, Member of the European Parliament
Thank you for your attention!

Claude Turmes
Member of the European Parliament
President of EUFORES, the European Forum for Renewable Energy Sources

European Parliament
Rue Wiertz, 60, ASP 04 F 255/253, B-1047 Brussels
Phone: +32 2 28 47 246 - Fax: +32 2 28 49 246
Claude.Turmes@europarl.europa.eu