European Commission perspectives on the development of offshore grids in the Baltic Sea Region

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17th Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency
Tallinn, 29 September 2017
2030 Framework for climate & energy

A 2030 Framework for climate and energy, including EU-wide targets and policy objectives for 2020-2030

**Targets for 2030:**
- a 40% cut in greenhouse gas emissions compared to 1990 levels;
- at least a **27% share of renewable energy consumption**;
- at least 27% energy savings compared with the business-as-usual scenario.

- a stable policy framework on greenhouse gas emissions, renewables and energy efficiency
- more certainty for investors
- EU's leadership
Progress towards national RES targets
The Role of BEMIP in addressing energy & climate challenges in the Baltic Sea Region

A Memorandum of Understanding on the reinforced 'BEMIP' (June 2015):
- Re-defining and broadening the scope of the initiative;
- Reinforcing the structure of the initiative, including dedicated working groups;
- A new BEMIP Action Plan identifying specific measures, action points and projects to be implemented by 2020.

BEMIP now includes: the internal energy market, interconnections and power generation (comprising nuclear energy) and other areas, such as security of supply, energy efficiency and renewables.
Challenges, opportunities and solutions in electricity infrastructure

Baltic Energy Market Interconnection Plan (BEMIP)

- Removing bottlenecks and further integrating the Baltic States’ markets among themselves
- Enhancing the integration of the Baltic States’ into the rest of the EU
- Integrating renewable energy

Projects of Common Interest (PCIs) under the TEN-E Regulation
BEMIP Working Group on Renewables

- A common vision and regional renewables pledge for 2030, taking into account the considerable natural RES potential in the BEMIP region
- A step-wise cooperation and alignment of certain elements of the RES support schemes by 2020
- Enhancing the market design to make a market fit for RES integration, which could act as an effective foundation of the 2030 framework
- Develop the perspectives and design options for possible joint renewable energy projects and cross-border cooperation in the BEMIP region, including on offshore wind power

building a BEMIP Action Plan for offshore wind
Study on Offshore Wind in the Baltic Sea

Overall Aim
- Identify the main areas of actions necessary to put in place a Baltic Sea Offshore Wind Cooperation initiative
- Best practices and lessons learned from the NSOG initiative

Working Packages
- Identify offshore wind potential & most promising locations
- Identify grid infrastructure needs & optimization within a coordinated approach
- Identify market & regulatory barriers & solutions to overcome them
- Identify non-financial barriers & solutions to overcome them
- Develop a roadmap for the Baltic Sea Offshore Wind Cooperation initiative (including potential PCIs)

Timing
- Start: autumn 2017
- Duration of project: 12 month
Thank you for your attention!
Back-up slides
1. Security, solidarity and trust
2. A competitive and completed internal market
3. Moderation of demand
4. Decarbonisation of the EU energy mix
5. Research and innovation
Clean Energy for All Europeans

- Measures to keep the EU competitive as clean energy transition changes global energy markets;
- Achieving global leadership in renewable energies growth sector of the future;
- Partnership with Member States to monitor progress towards 2030 targets;

Proposals on:
- Electricity Market Design;
- Renewables;
- Energy Efficiency;
- Regulation on the Governance of the Energy Union Climate Monitoring Mechanism Regulation (MMR) & provisions of the Paris Climate Agreement