

NI Offshore Renewable Energy Strategic Action Plan 2012-2020

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Department of Enterprise, Trade and Investment
MRIA Conference 10 February 2012



Progress 2010-2012

- MRIA Conference 2010 – consulting on wide ranging draft Offshore Plan and its Strategic Environmental Assessment.
- MRIA Conference 2011 – Imminent announcement of The Crown Estate Leasing Round process.
- MRIA Conference 2012 – The Crown Estate Leasing Round fully underway.



Aims of the ORESAP

- To optimise the amount of renewable electricity generated from offshore renewables in NI waters to:
 - Enhance diversity and security of supply,
 - Reduce carbon emissions,
 - Contribute to the SEF 40% 2020 renewable electricity targets and beyond and
 - Develop business and employment opportunities for NI companies.
- Up to 900MW offshore wind and 300MW tidal by 2020, without significant impact on environment /other users.



ORESAP Key developments in 2011

- Establishment of the Offshore Renewable Energy Forum.
- Completion of the Habitats Regulations Appraisal.
- Publication of the Regional Locational Guidance.
- 5 ROCs for wave and tidal developments up to 30MW by 2017.
- Signing of the Memorandum of Understanding between UK and Irish Governments re marine jurisdiction for offshore renewables.
- The launch of the first NI Crown Estate Offshore Renewable Energy Leasing Round.



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TCE Leasing Round

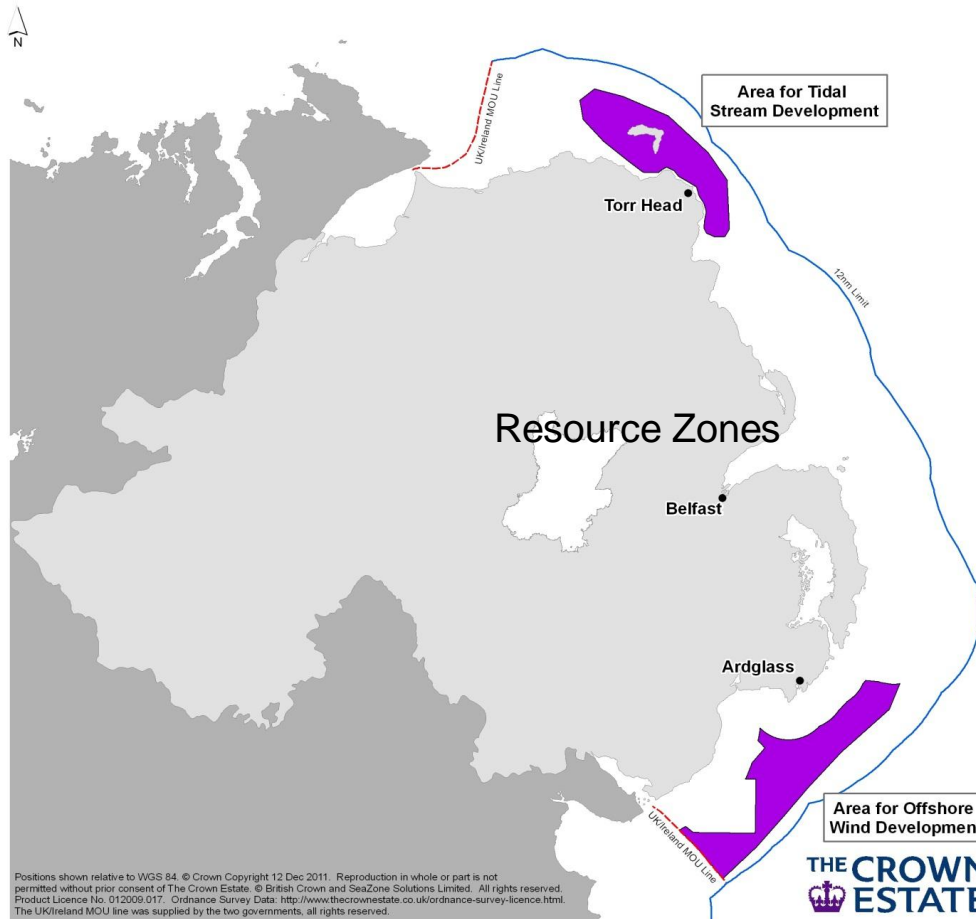
- Launched March 2011- offshore wind and tidal opportunities.
- Industry Design Discussion stage April to June 2011.
- Expressions of Interest December to January 2012.
- One developer for 600MW offshore wind off South East Coast.
- Multiple projects for tidal, ranging from under 10 MW to 100MW at Rathlin/ Torr Head.



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Resource Zones



Development Potential in NI Waters

Wind : 600MW

Tidal : 200 MW

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TCE Leasing Round

- February 2012 – Invitation to Tender.
- Autumn 2012 – Grant of Development Rights.
- 2012 -2015 - Developers to secure necessary Marine Licence and Electricity Generation consents including stakeholder engagement and survey work.
- 2015-2016 onwards – initiation stages for projects.
- Contribution to 40% renewable electricity target by 2020 and beyond.



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ORESAP 2012-2020

- Range of ongoing work to facilitate the development of offshore projects;
 - SEA/ HRA recommendations re data gaps etc,
 - Work with NIE, SONI and the Utility Regulator on NIE grid development plans,
 - Invest NI focus on business / supply chain opportunities / tidal test opportunities,
 - Work with DOE on the NI Marine Bill and development of NI Energy Bill,
 - Ensure NI benefits from UK/ EU funding mechanisms.
- Executive approval and publication Spring 2012.



Towards successful offshore renewable energy development

- Significant activity and progress over the last three years.
- Drawing to end of the development of this strategic framework stage.
- Focus on the implementation of the ORESAP actions and support for emerging projects.



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