

Pentland Firth(Rnd1) Wave & Tidal Project

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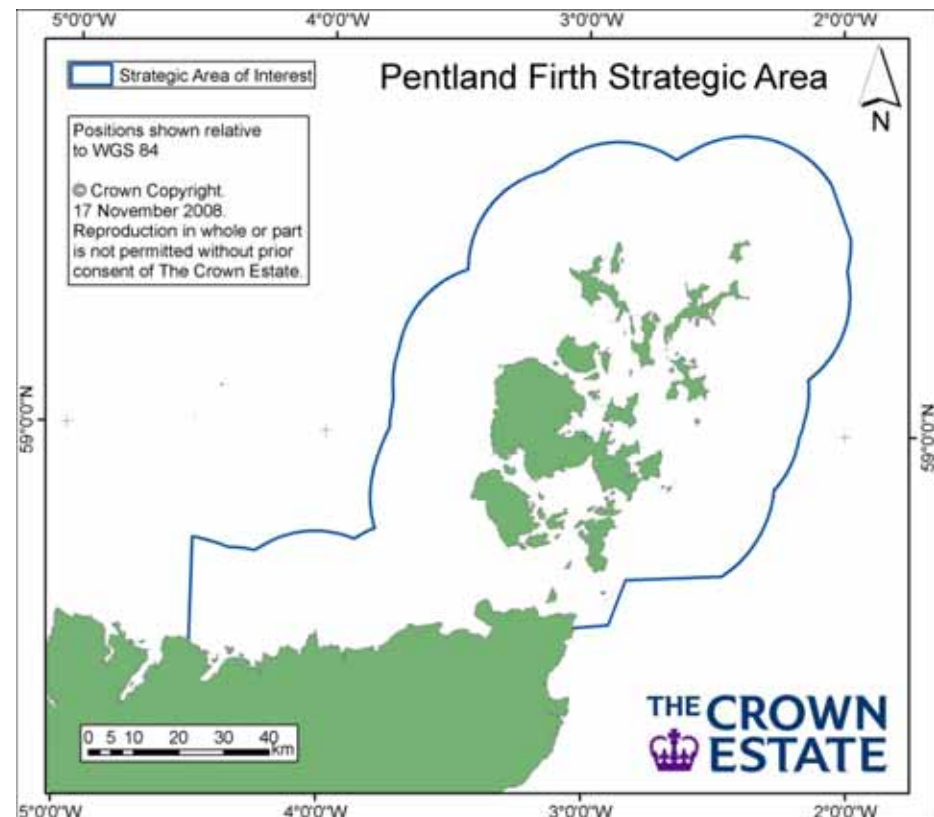


Agenda

- The Opportunity
- Why Pentland Firth?
- Recognition of the challenges
- Addressing the challenges through Pentland Firth Co-ordination Committee
- Tender Programme

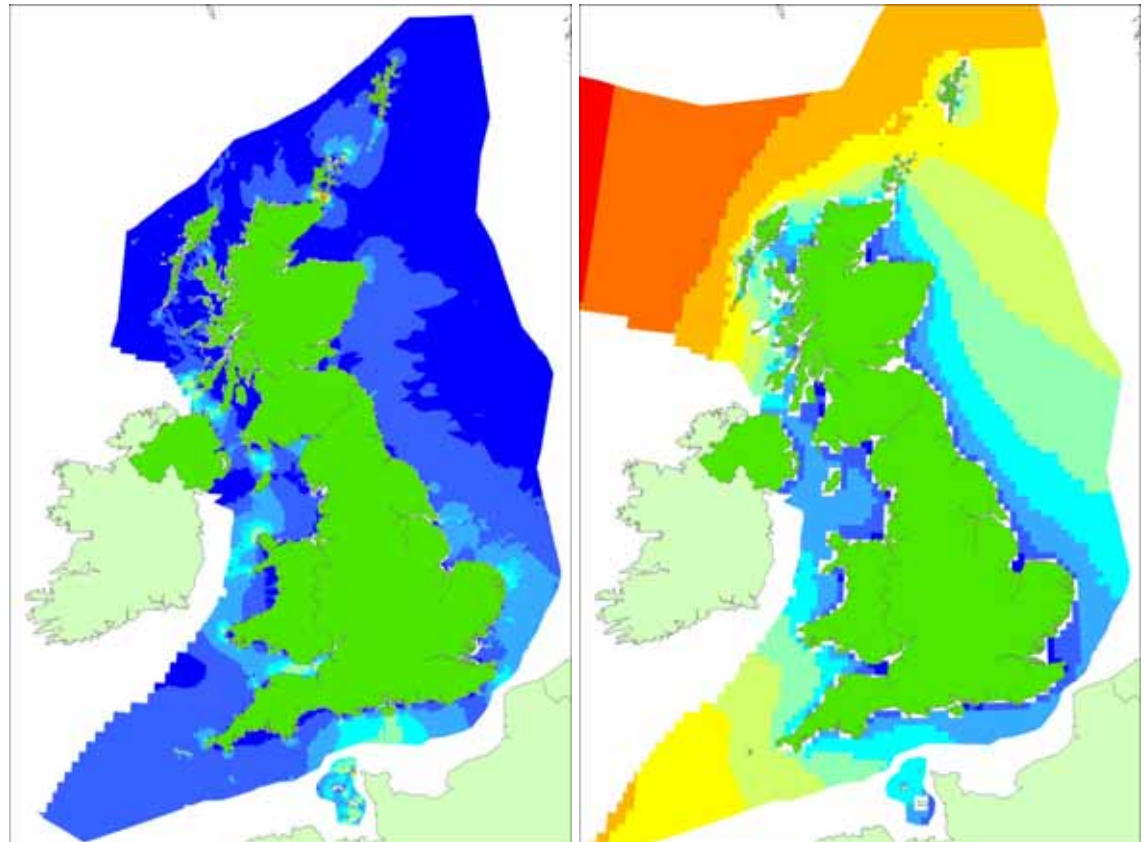
Pentland Firth Rnd1 – The Opportunity

- Industry to step up from proof of concept by delivering the worlds first large scale commercial deployment of wave & tidal devices
- Demonstrate the viability of the industry at a commercial scale
- Shape this new industry going forward
- Deliver at least 700MW by 2020 from this first round & create a supply chain & infrastructure that is capable of delivering beyond
- Creation of jobs & skills
- To learn fast from offshore energy sectors
- To capitalise on synergies with offshore wind



Why Pentland Firth?

- Resources
- Significant political will
- SEA
- Market demand



Recognising the Challenges

- Health & Safety
- Supply chain & Infrastructure
- Environmental impact
- Technical readiness
- Availability of grid

Pentland Firth Co-ordination Committee

- In Recognising the challenges PF Co-ordination committee has been established to enable delivery of Pentland Firth Project
- Partners are HIE, Scottish Government & The Crown Estate
- Focus is on delivery
- Workstreams being put in place to enable delivery;

Workstream

Health & Safety

Grid

Planning & Consents

Research & Development

Supply chain & Infrastructure

Communications

Project Services

Developers Forum

Organisation Lead

HIE

The Crown Estate

The Crown Estate

HIE

HIE

The Crown Estate

HIE

The Crown Estate

- Investment of resources by partners
- Will align with other stakeholder enabling groups i.e. MESP, MEG
- Developers Input into workstreams through developers forum

Tender Programme

38 Developers have been invited to submit Tender

- Tender submission deadline 15th May 09
- Clarifications interviews 2nd half of July 09
- Shortlist of preferred bidders approved Sept 09
- 1st Lease agreements in place Sept 09

Programme indicative and will be dependant upon response received on the 15th May

Summary of Key Points

- Clear opportunity to step industry up to commercial scale
- The challenges are recognised – We don't yet have all the answers
- The Crown Estate, The Scottish Government & HIE are working together as partners to remove the major barriers to delivery– Focus is on delivery
- 1st Lease agreements in place Sept 2009.