

Highlands and Islands Enterprise – Renewable Energy

Wednesday 30th November 2016

MERIKA Research Day

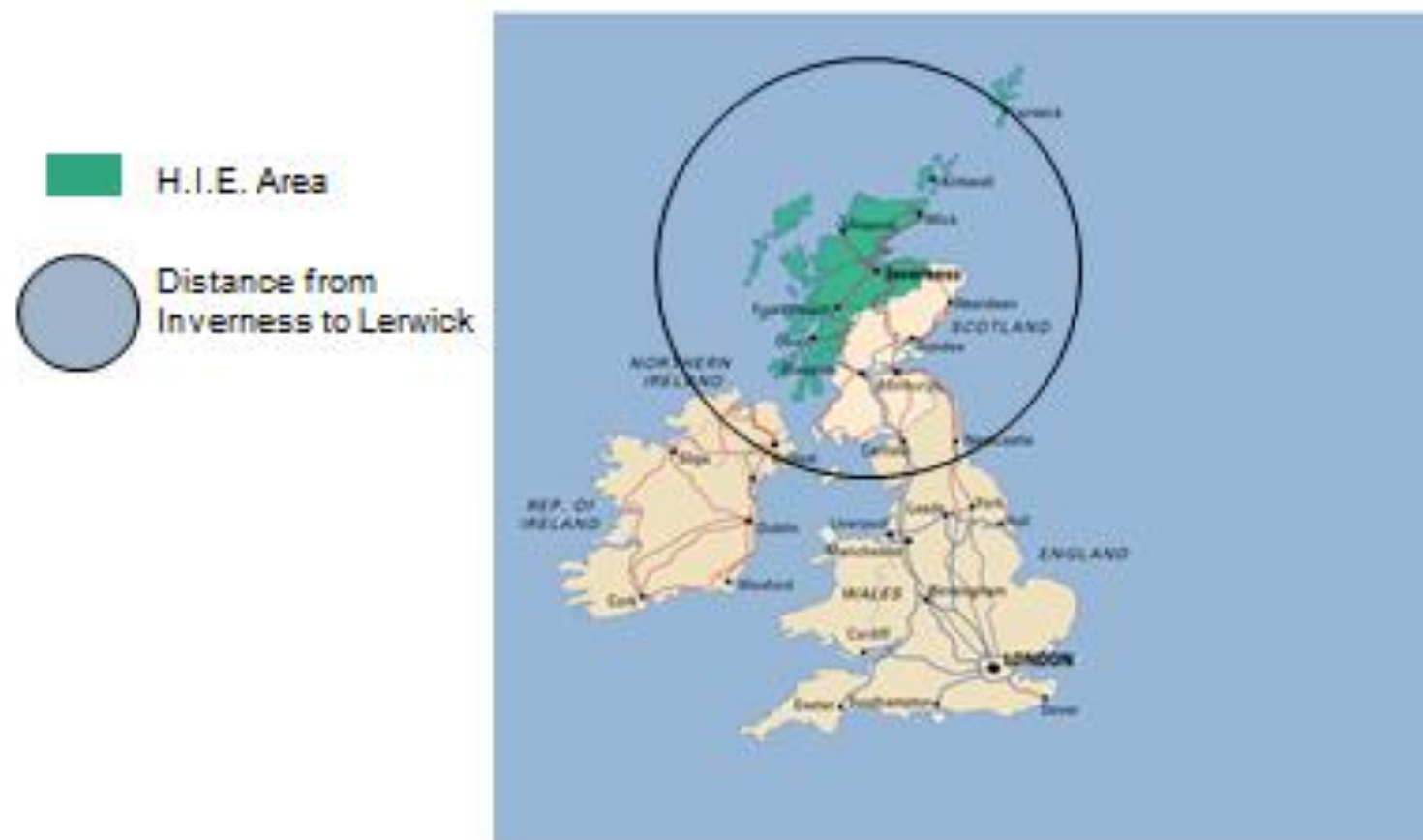
European Parliament, Brussels

Norma Hogan, Senior Development Manager
Energy and Low Carbon Team, HIE



Highlands and Islands Enterprise
Iomairt na Gàidhealtachd 's nan Eilean

Highlands and Islands in context



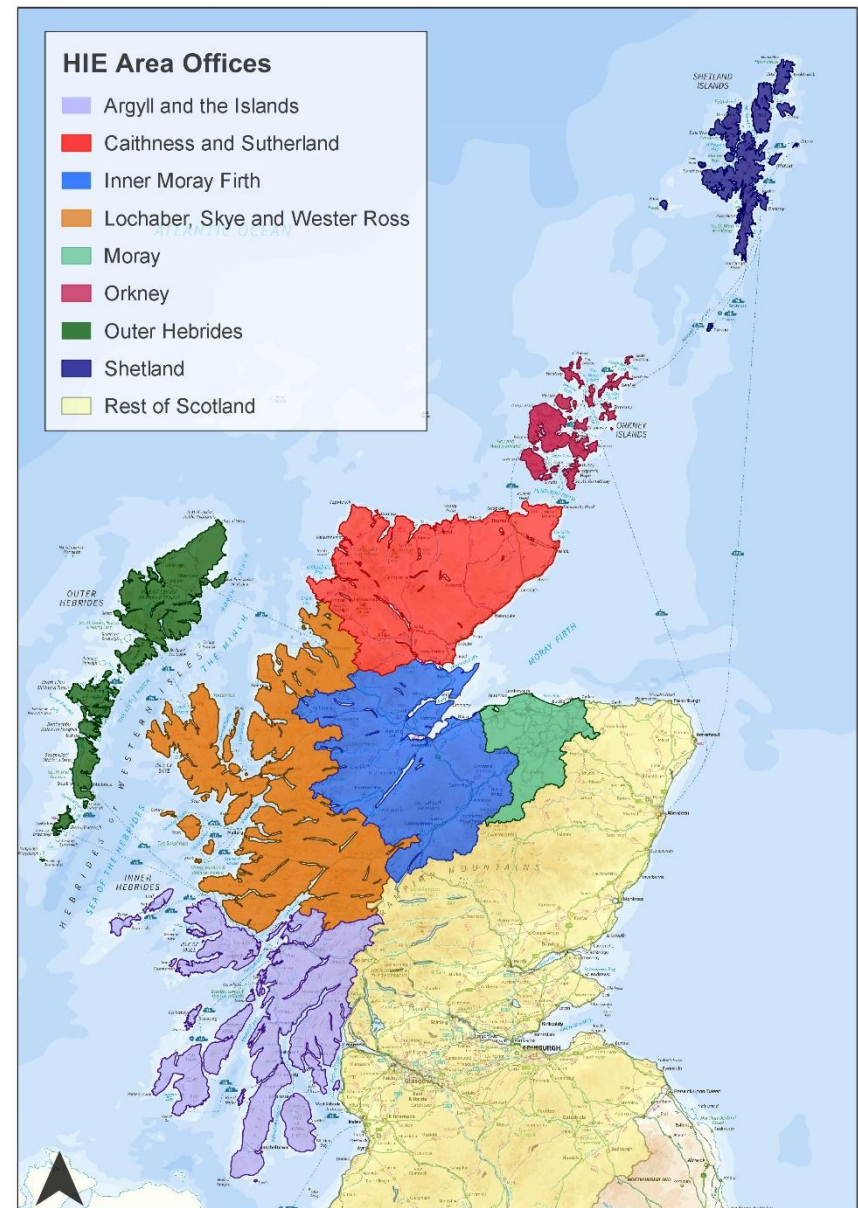
Highlands and Islands in context

**Milan and Lerwick
equidistant from
London**



About HIE: 2020 ambitions

- A world class digital region
- International marine renewables centre
- Home to more businesses operating in international markets
- International recognition for digital healthcare and marine science
- Dynamic, sustainable communities
- Globally connected
- Attractive to young people



Highlands & Islands Enterprise



Our Purpose

to generate sustainable and inclusive economic growth across the Highlands and Islands

Our Vision

For the Highlands and Islands to be a highly successful and competitive region in which increasing numbers of people choose to live, work, study and invest.

Our Priorities

- Supporting businesses and social enterprises to shape and realise their growth aspirations
- Strengthening communities and fragile areas
- Developing growth sectors, particularly distinctive regional opportunities
- Creating the conditions for a competitive and low-carbon region

HIE's priorities for sustainable economic growth:

- Supporting businesses and social enterprises shape and realise their growth aspirations
- Strengthening communities and fragile areas
- Developing growth sectors, particularly distinctive regional opportunities
- Creating conditions for a competitive and low carbon region

Vision – Renewable Energy

*To be recognised as an exemplar region
through the continuing development of a world class industry
in sustainable and renewable energy
using our people, knowledge, natural resources and technology
for the economic and social benefit of the Highlands and Islands*

Renewable Energy Priorities

HIE's priority action areas

- Supply Chain Development
- Infrastructure Provision
- Inward Investment and internationalisation
- Promotion and awareness raising
- Research, development and deployment
- Community energy
- Influencing policy direction
- Skills



- Renewable Energy Investment Fund
- WATERS
- Marine Energy Supply Chain Support
- SMART: Scotland
- Research and Development Grants
- Regional Selective Assistance
- Scottish Investment Bank
- Low Carbon Investment Transition Programme
- Wave Energy Scotland (WES)

- World's first full scale independently accredited test facility for wave and tidal devices in Orkney
- Full scale test tidal device site at Wall of Warness
- Full scale test wave device site at Billia Croo
- Testing facilities for full-scale grid-connected prototype devices in unrivalled marine conditions
- Two scale test sites for wave at Scapa Flow and tidal at Shapinsay

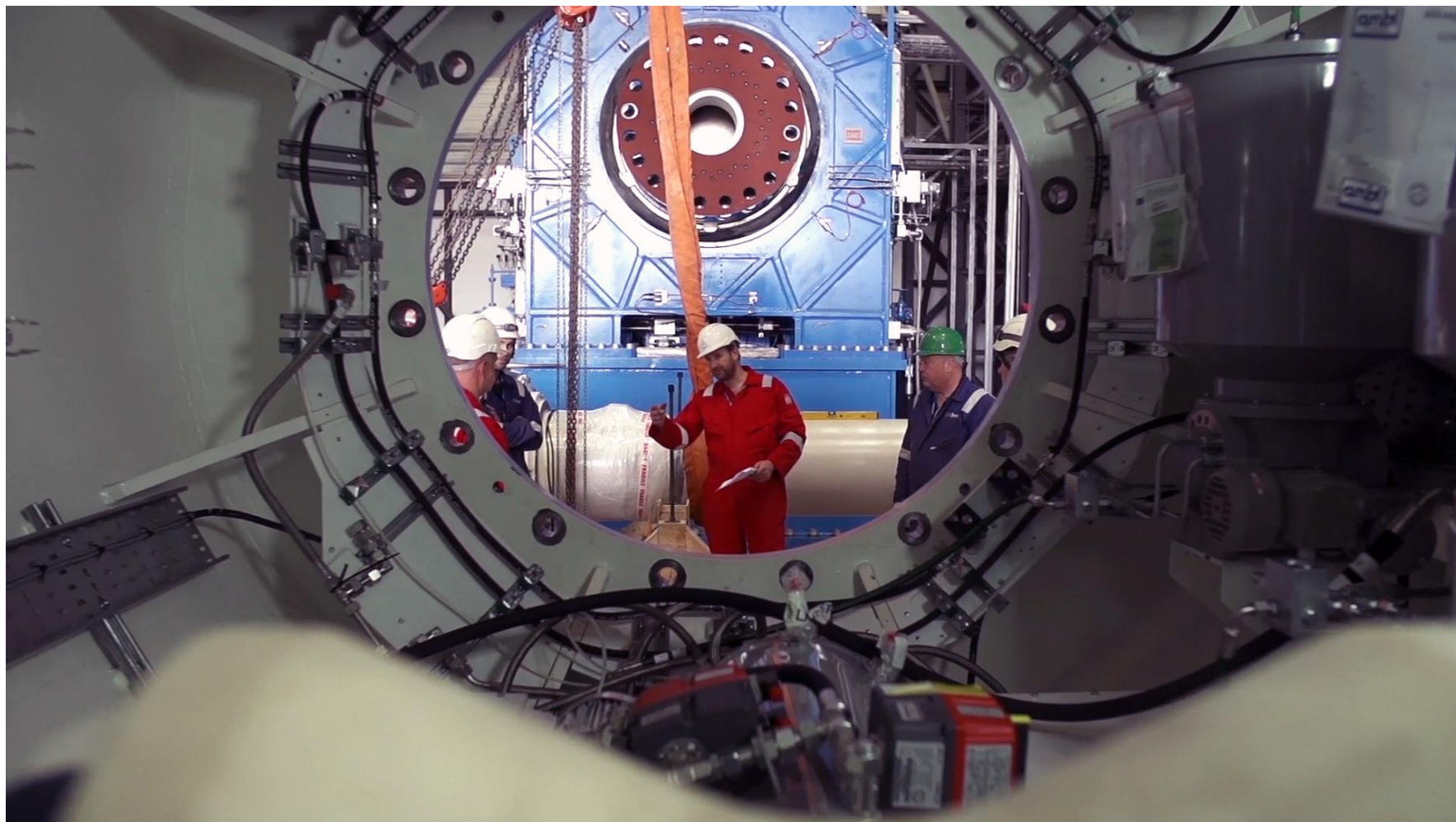
MeyGen Project



MeyGen Andritz Hammerfest Nigg Energy Park



MeyGen Andritz Hammerfest Nigg Energy Park



MeyGen Andritz Hammerfest Quayside Nigg Energy Park



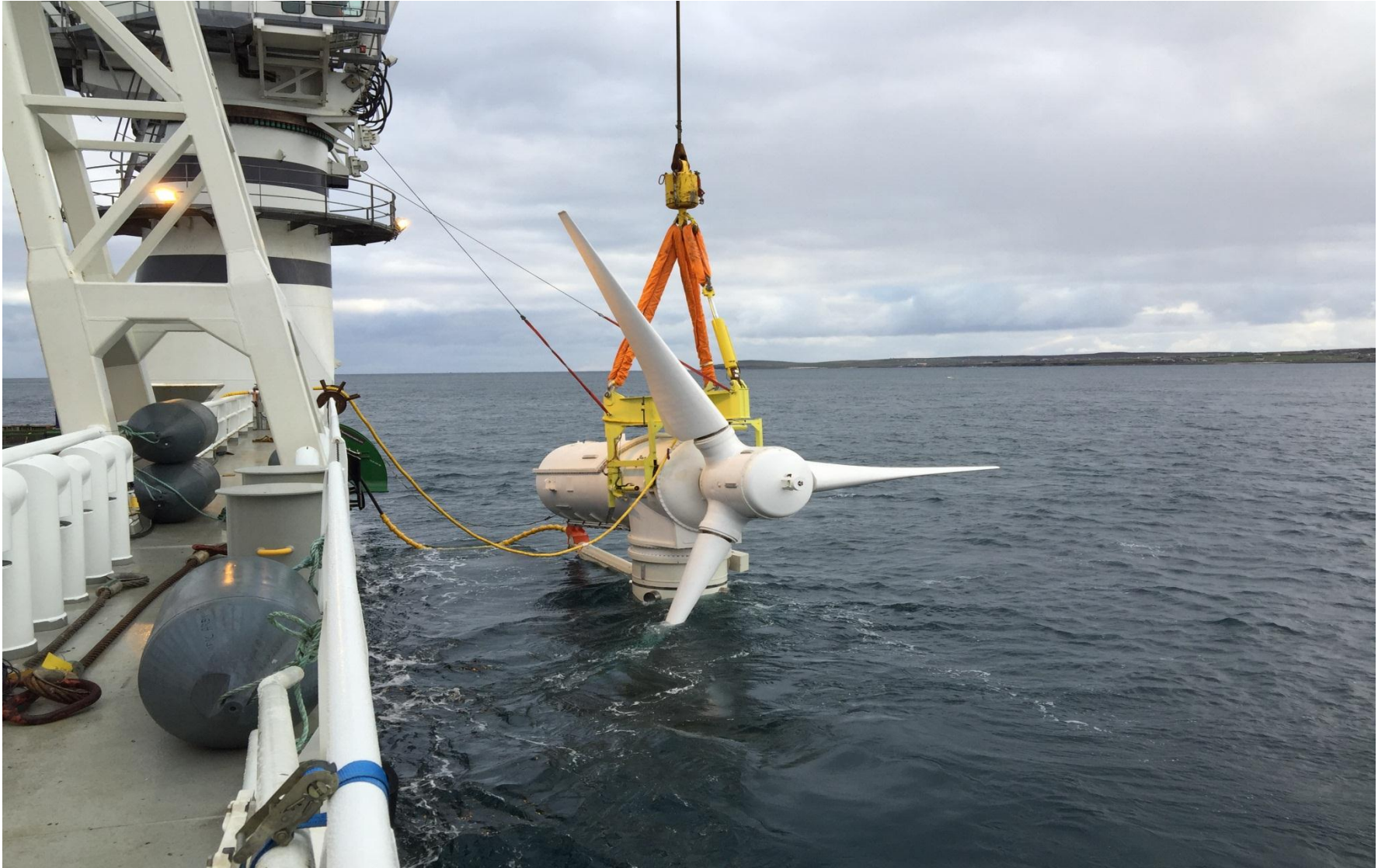
MeyGen Andritz Hammerfest Quayside Nigg Energy Park



MeyGen Andritz Hammerfest Deployment in the Pentland Firth



MeyGen Andritz Hammerfest Deployment in the Pentland Firth



MeyGen Andritz Hammerfest Deployment in the Pentland Firth



MeyGen Andritz Hammerfest Deployment in the Pentland Firth



Albatern Squid on the move



Albatern Squid transported to site



Albatern, Marine Harvest Mingary Bay project



Scotrenewables AR2000, Orkney



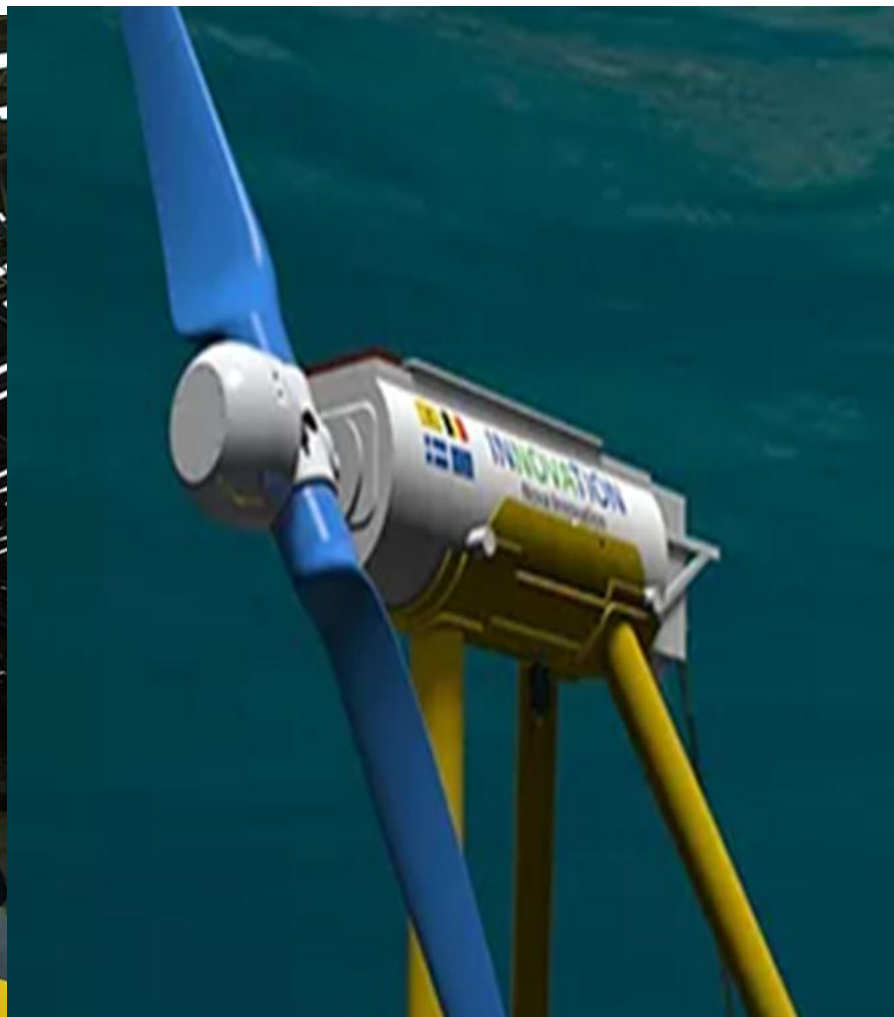
Scotrenewables AR2000 Orkney



Scotrenewables AR2000, Orkney



Nova Innovations 30kW and 100kW devices



Nova Innovation deployment Bluemull Sound, Shetland



Nova Innovation deployment Blumill Sound, Shetland



Nova Innovation deployment Cullivoe Pier Shetland



Key Infrastructure Investments



Conclusions

- Continuing investment opportunities in marine renewables
- Supportive Government policy
- Working with the supply chain in the Highlands and Islands to maximise economic benefit
- Continuing working with academia in the Region and encouraging the growth of strong links worldwide
- Keeping Scotland leading the world in Marine Energy

Thank you



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