

Strategic Planning for Marine Energy in Scottish Waters



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Environment & Consenting Work
Group**

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marinescotland

Planning

marinescotland

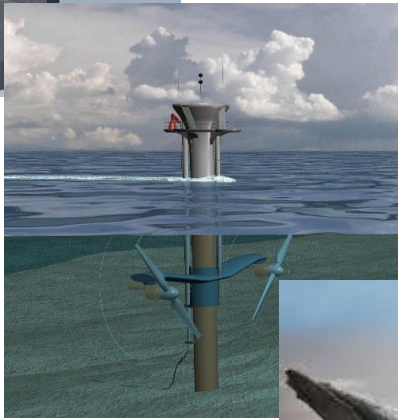
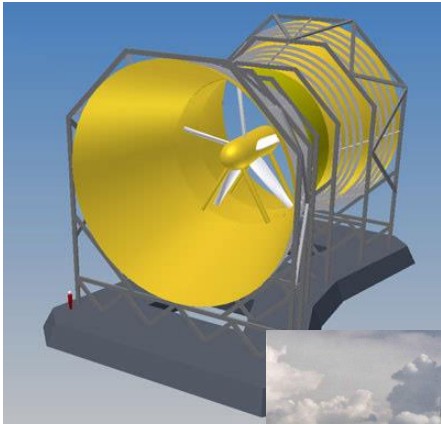
Licensing

Science

Scottish Government Marine Energy SEA 2007

Where?

What?



Who?



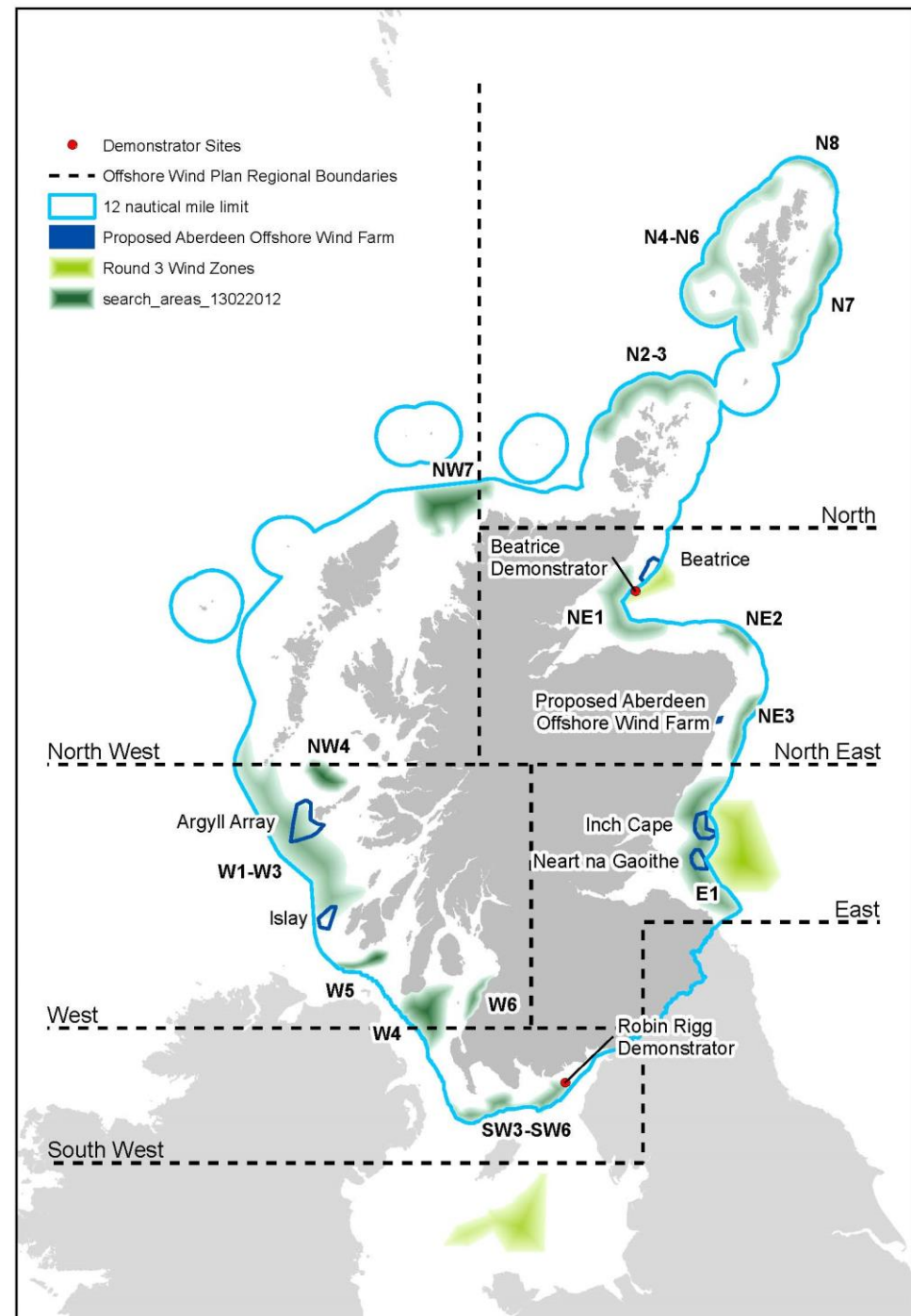
Blues Seas Green Energy –

Offshore Wind Plan Energy - 2011

Consented Projects

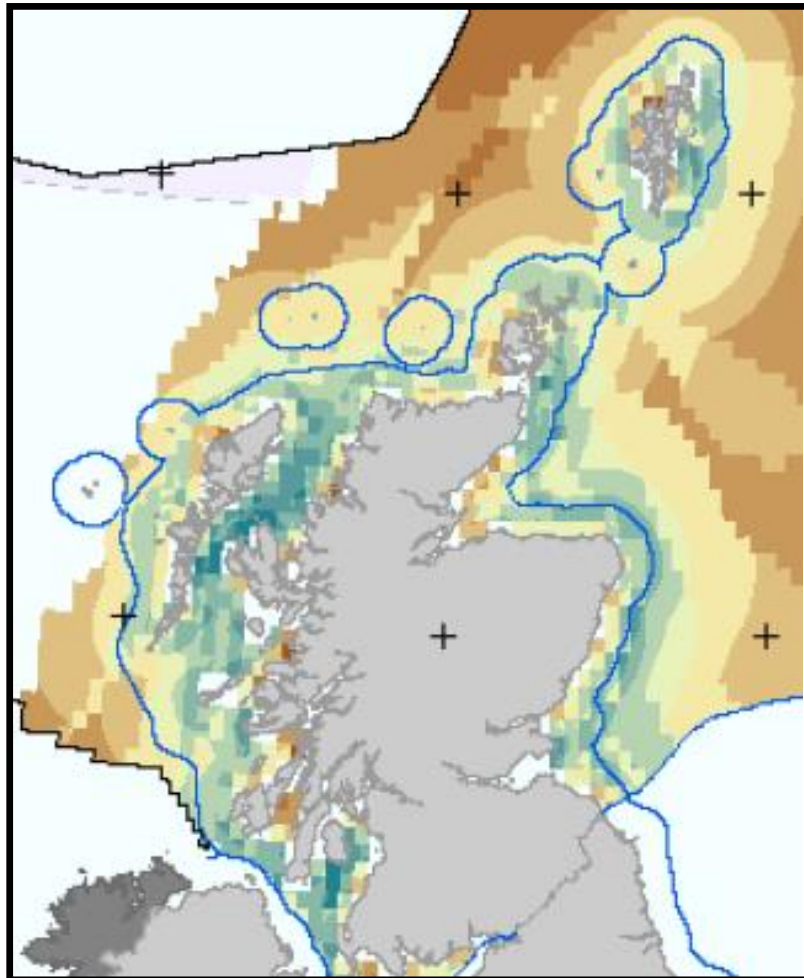
- Inch Cape
- Neart na Gaoithe
- Beatrice
- UK DECC SEA 2 Zones
 - Seagreen
 - MORL

**Dark Green Search
Areas** provided starting
point for current process



Marine Resource System (MaRS) – Resource Model

TECHNICAL MODEL

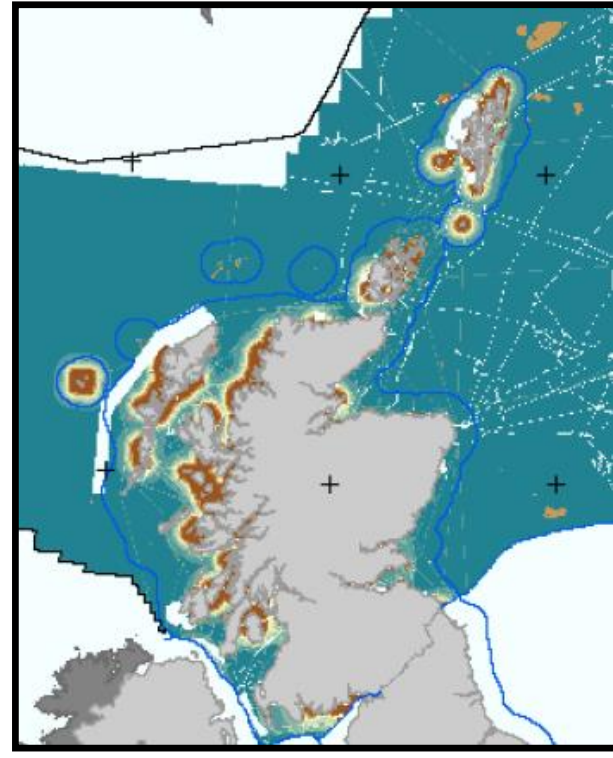
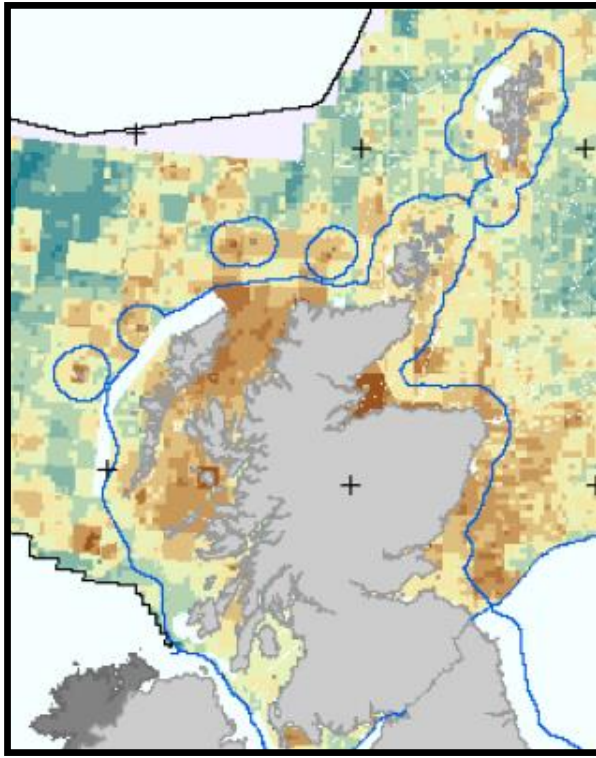
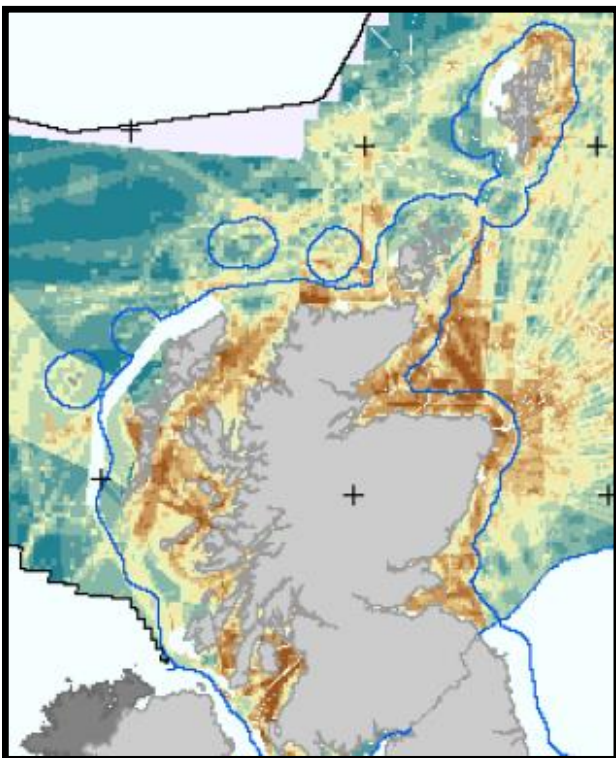


Constraints Models

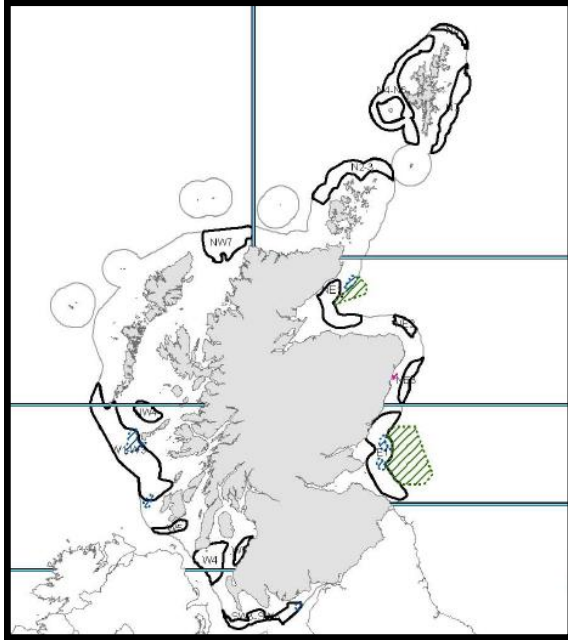
INDUSTRY

ENVIRONMENT

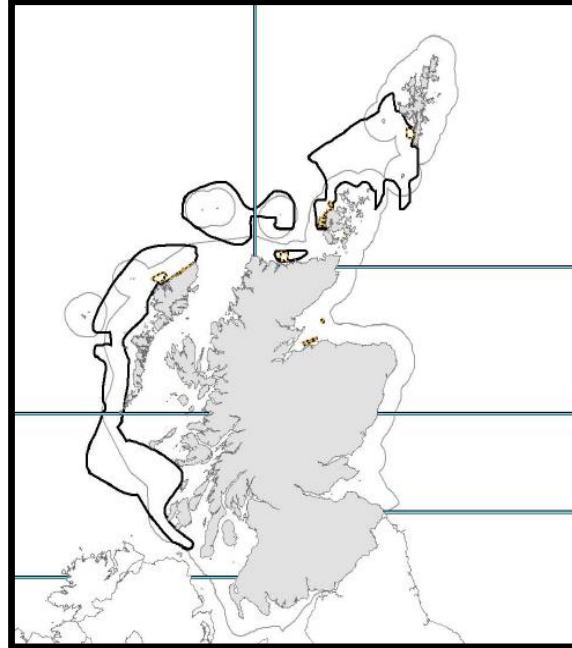
HERITAGE



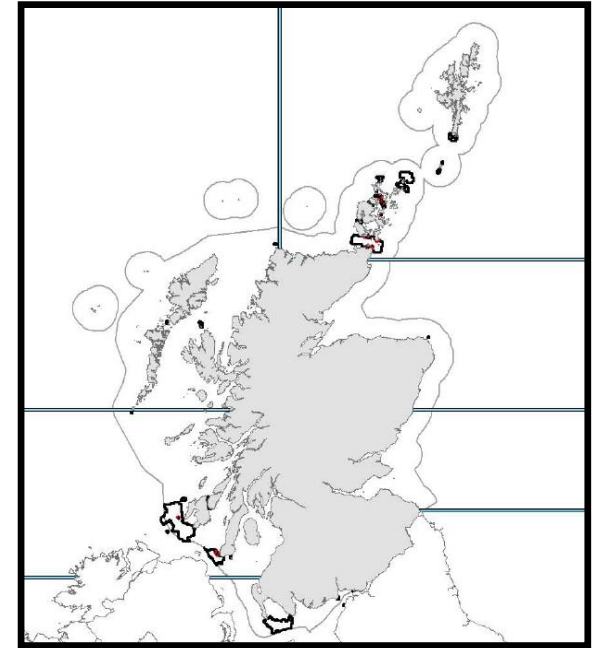
OFFSHORE WIND



WAVE

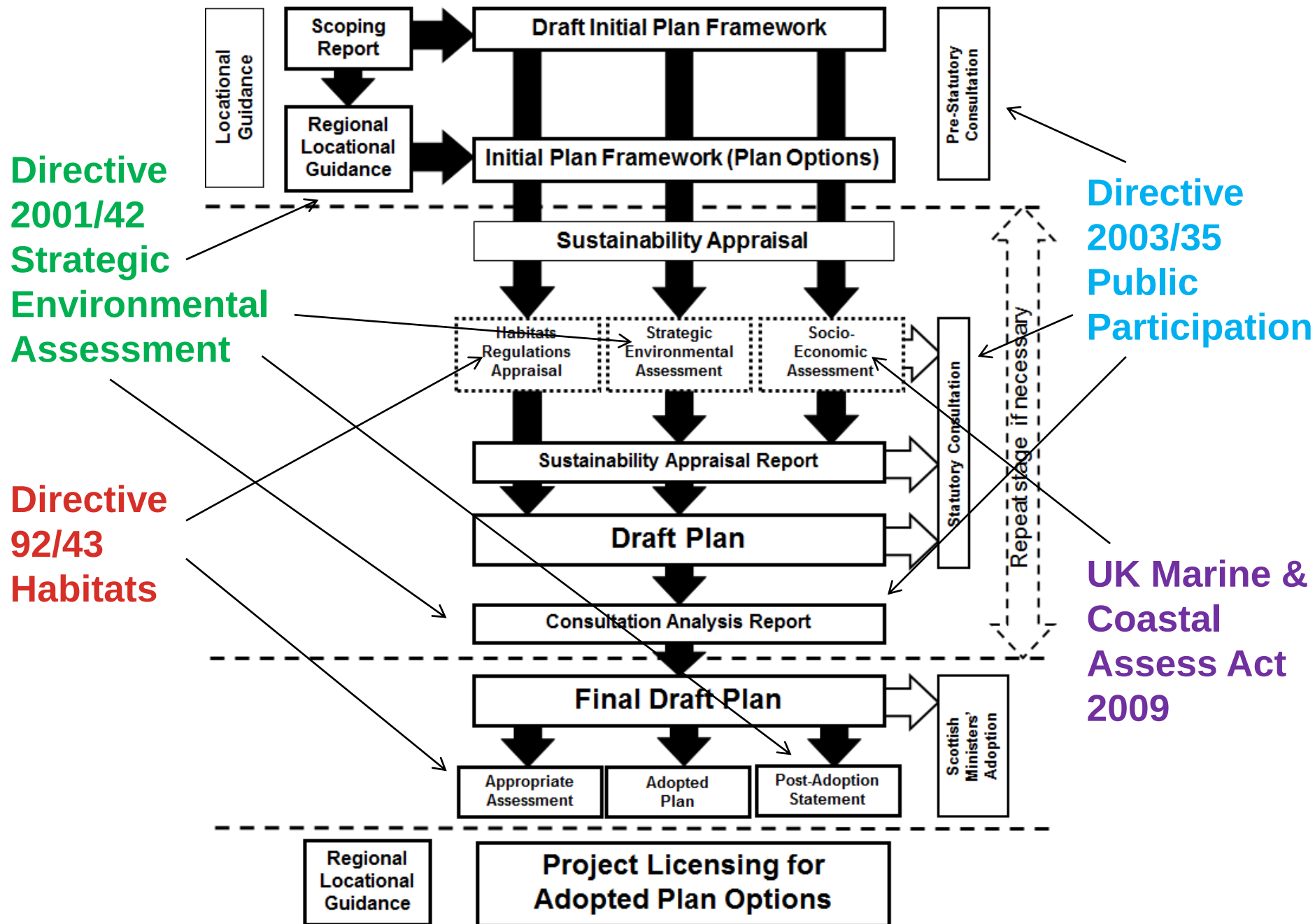


TIDAL



Early Stage Consultation

- Initial Views / Concerns on Resource Areas
- Information – Verification / Data Gaps / Updates
- Outline Process – Key Steps / Future Consultation



Potential Impacts

Environment



Industry



Socio-Culture



Sectoral Marine Plans

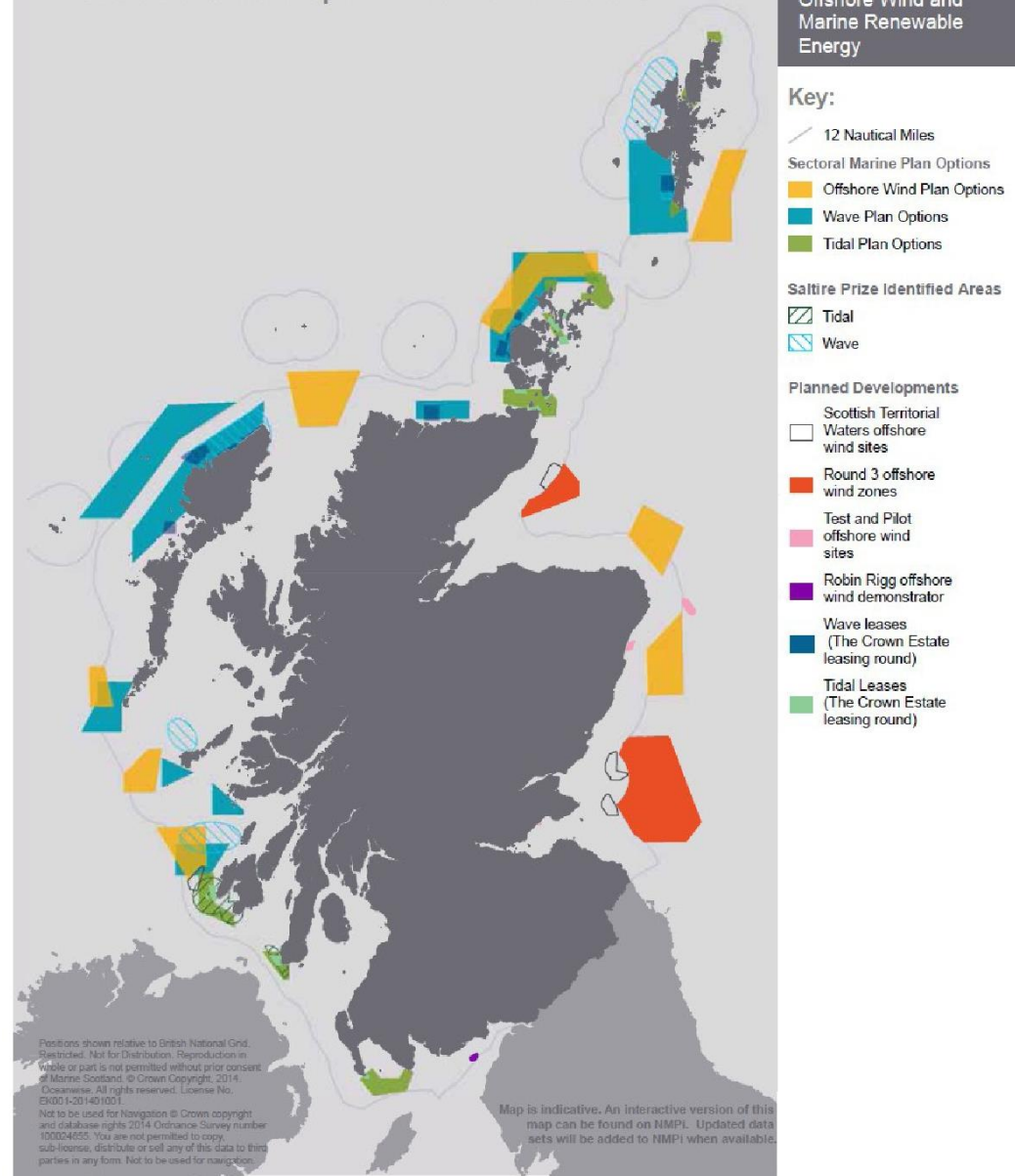
Offshore Wind
Wave
Tidal

Planned
Developments

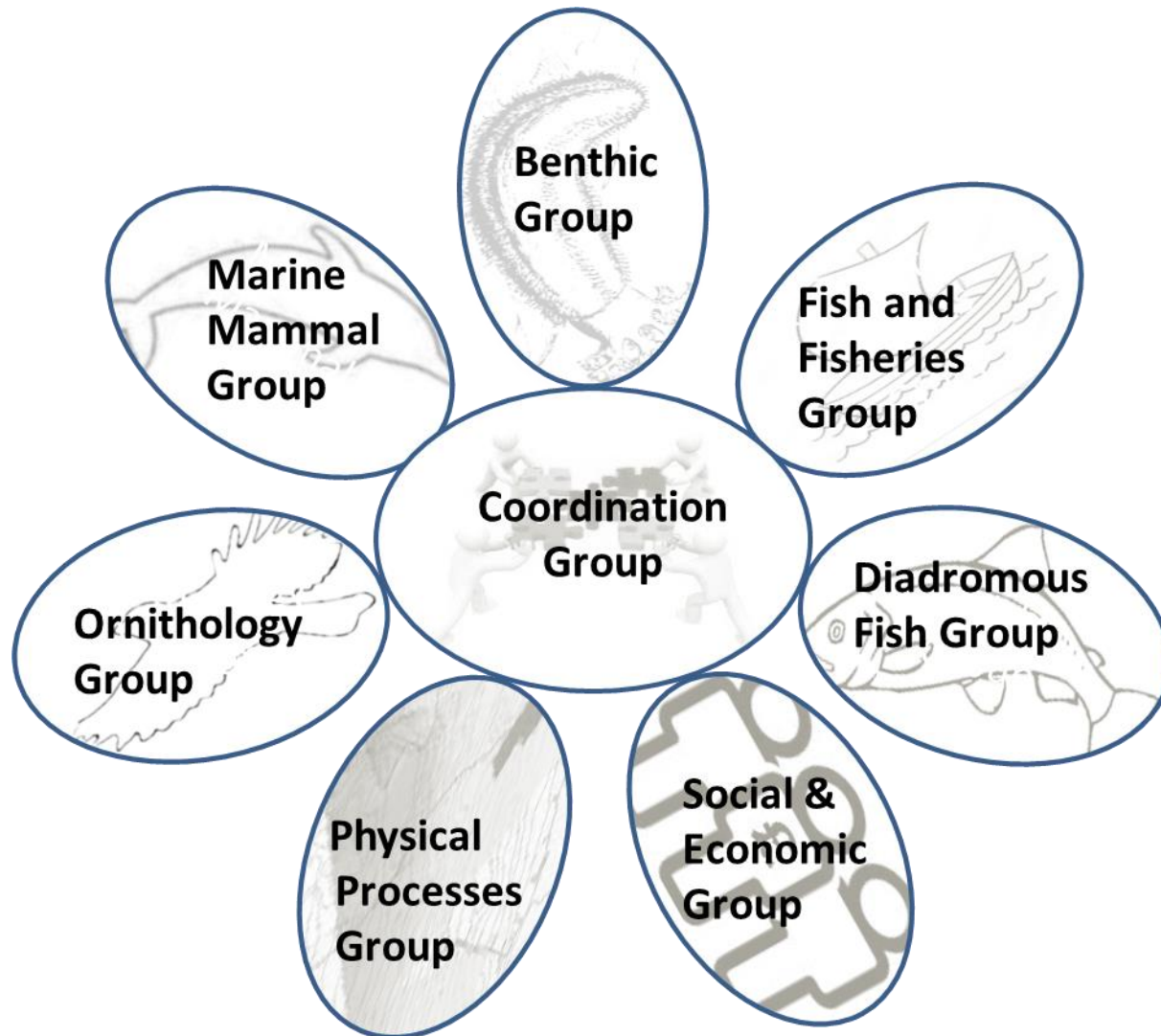
Consultation
Analysis & Post-
Adoption Statement

Map 9

Plan Options for Offshore Wind and Marine Renewable Energy and Planned developments in Scotland



Scottish Offshore Renewables Research Framework (SpORRAn)



EC Ocean Energy Roadmap

R&D

Prototype

Demonstration

Pre-Commercial

Industrial Roll-Out

Key Issues:

- Planning
- Consenting / Licensing
- Research & Monitoring

Ocean Energy Forum

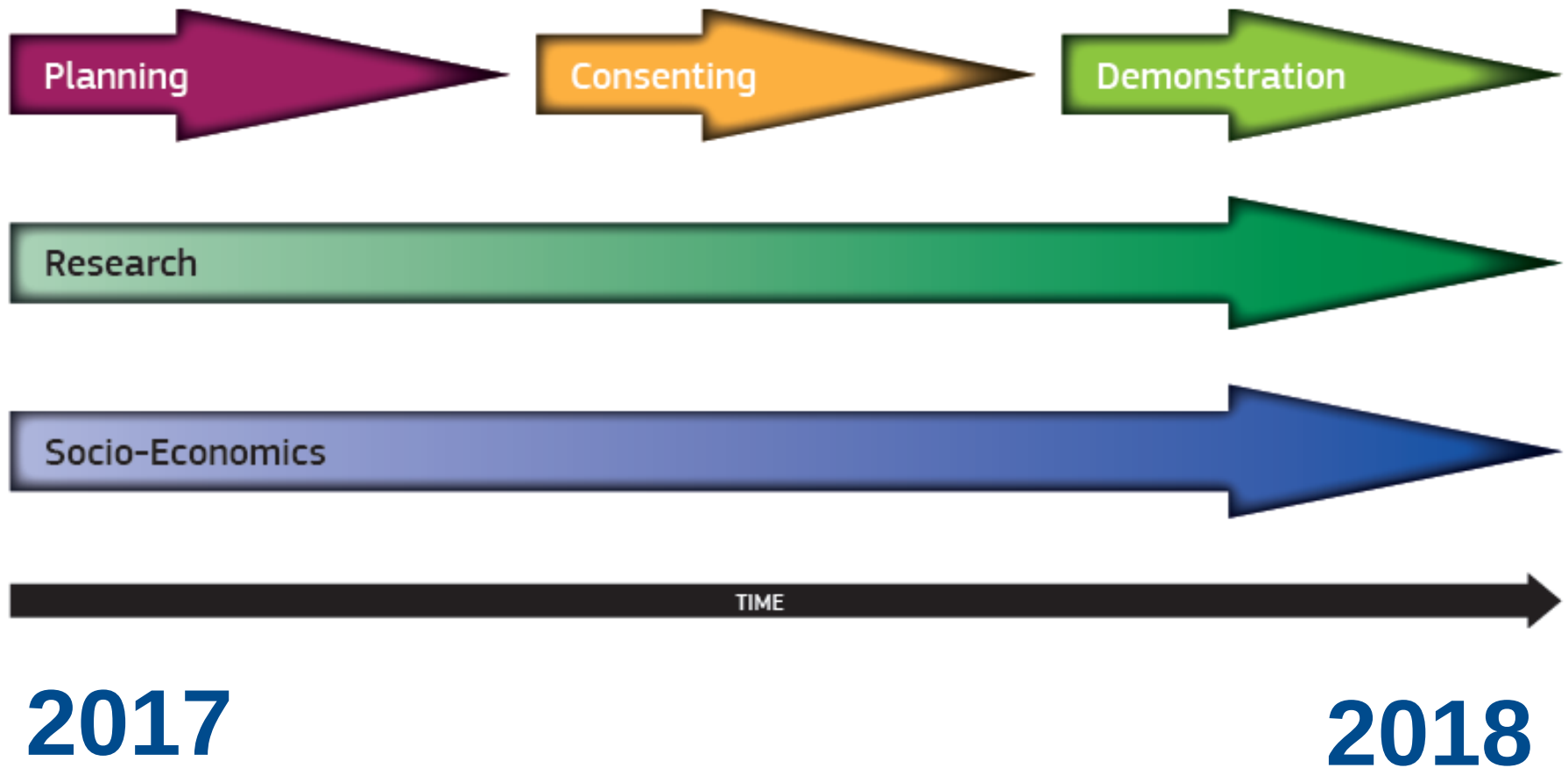
OCEAN ENERGY STRATEGIC ROADMAP
BUILDING OCEAN ENERGY FOR EUROPE



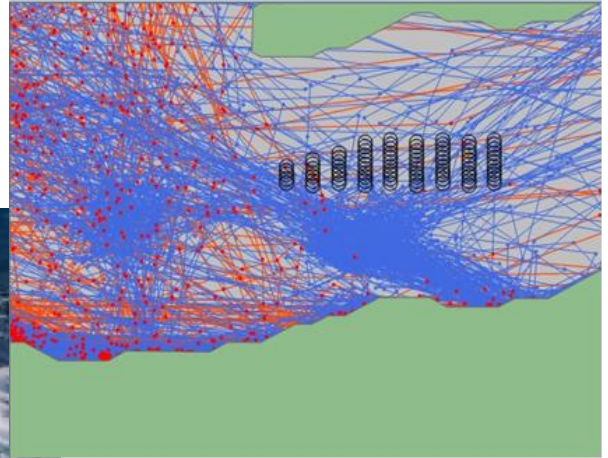
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Roadmap Action Plan

5 Key Projects:



Demonstration – MeyGen Project



Lessons learned.....

- Strategic Planning
- Research & Monitoring
- Sustainable Development

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- Thank You!!!

