

Planning for Offshore Renewable Energy Infrastructure in Scottish Waters



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Project Lead

**– Sectoral Marine Planning & Scenario Mapping
for Offshore Renewable Energy**

marinescotland

Marine Planning in Scotland

- **Marine (Scotland) Act 2010 / UK Marine & Coastal Access Act 2009**
 - UK Marine Policy Statement
 - National Marine Plan
 - Regional Marine Plans
- **EU legislation requires Strategic Environmental Assessment (SEA) of Plans / Programmes**
 - **Sectoral Marine Plans**
 - Strategic Environmental Assessment
 - Habitats Regulations Appraisal
 - Socio-economic Assessments
 - Consultation Analysis

Sectoral Marine Planning – ‘Proportionate’ Licensing

- **Identify strategic opportunities**
- **Identify strategic constraints**
- **Identify strategic measures for mitigation (if possible)**
- **Identify key strategic issues for consideration at the project level**
- **Enhance the framework in which consenting recommendations can be made to Scottish Ministers**

Sectoral Marine Planning Process

Identify / Refine Search Areas

∨
Consultation

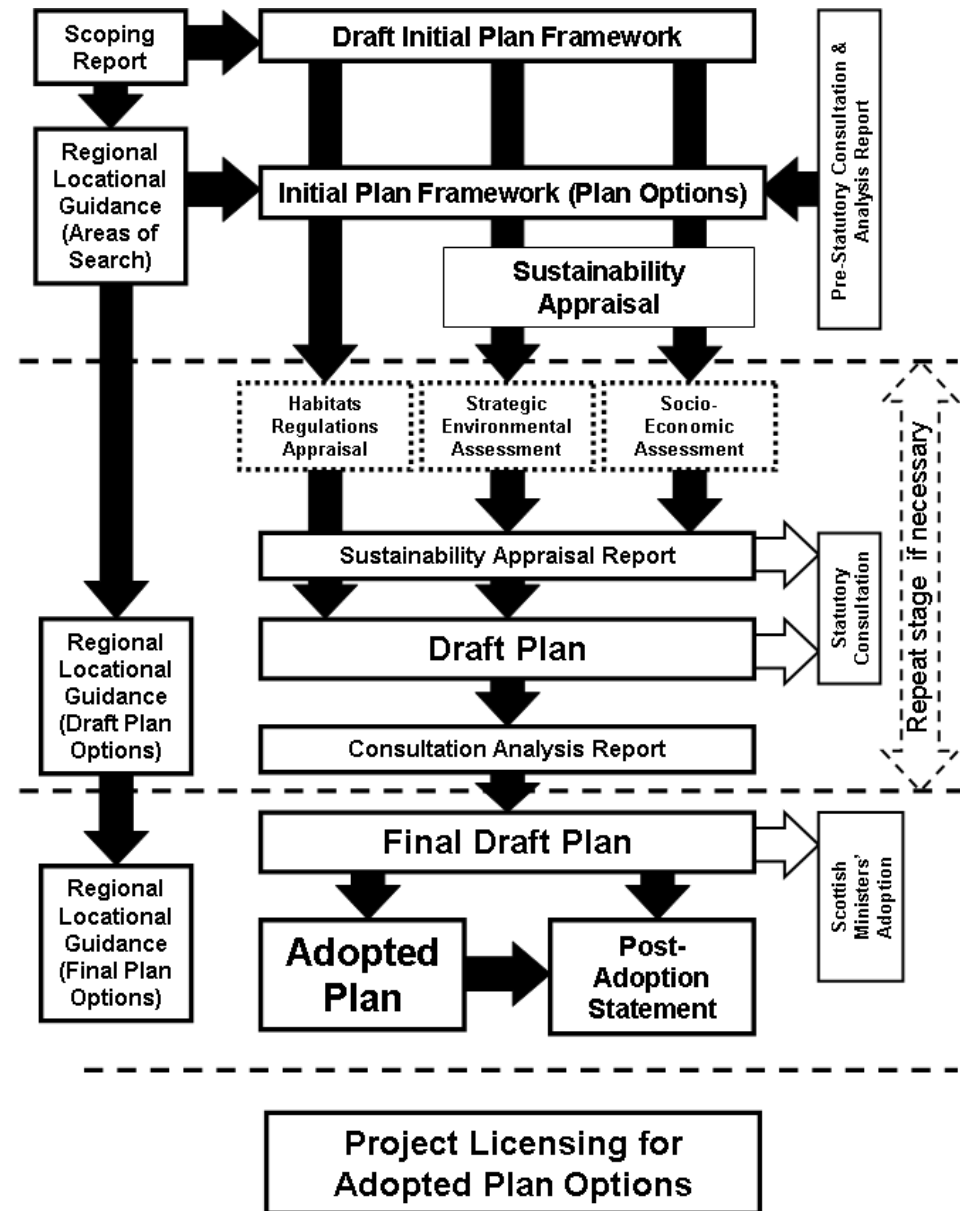
∨
Refine Areas

∨
Assess Areas

∨
Statutory Consultation

∨
Finalise Areas

∨
Adopt Areas

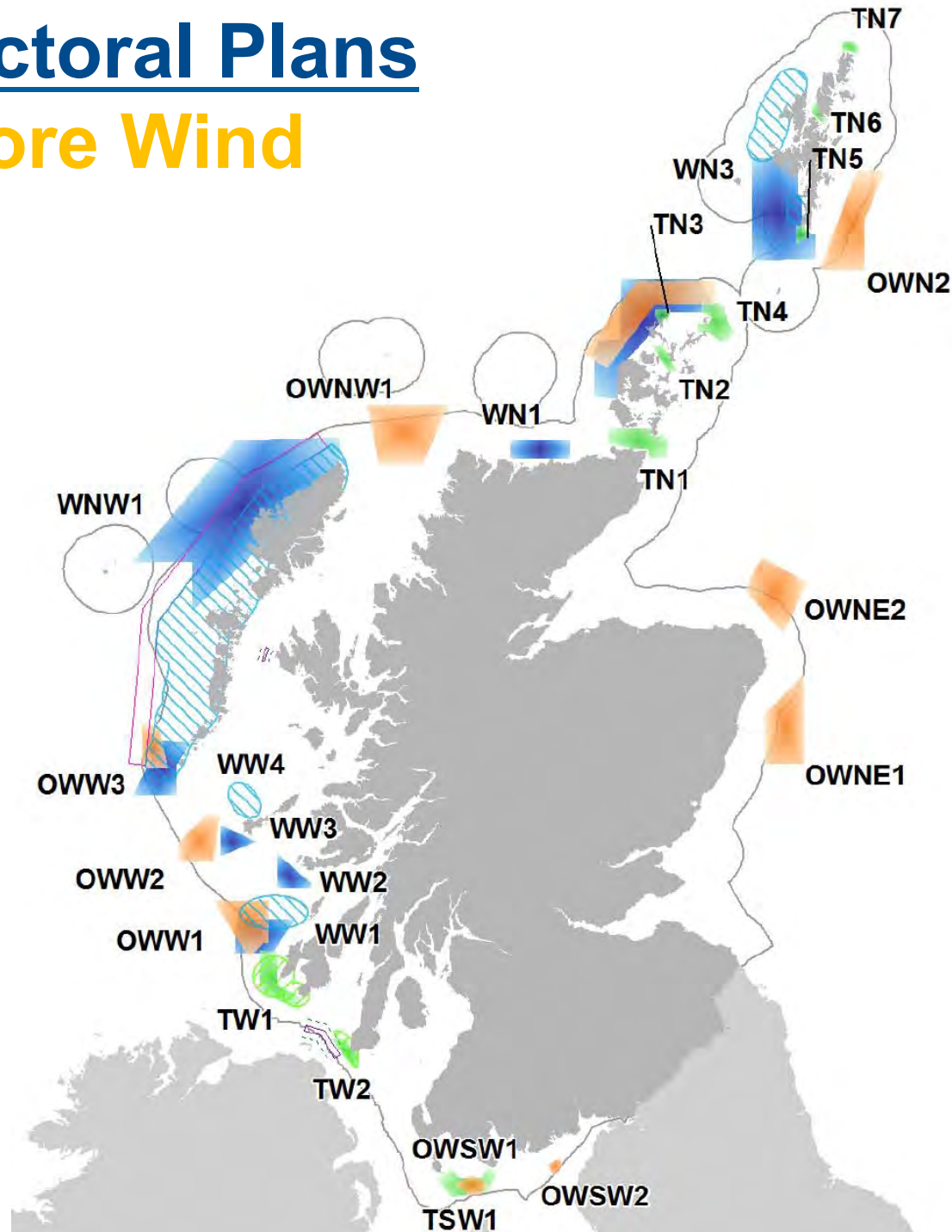


Developing the Draft Sectoral Plans

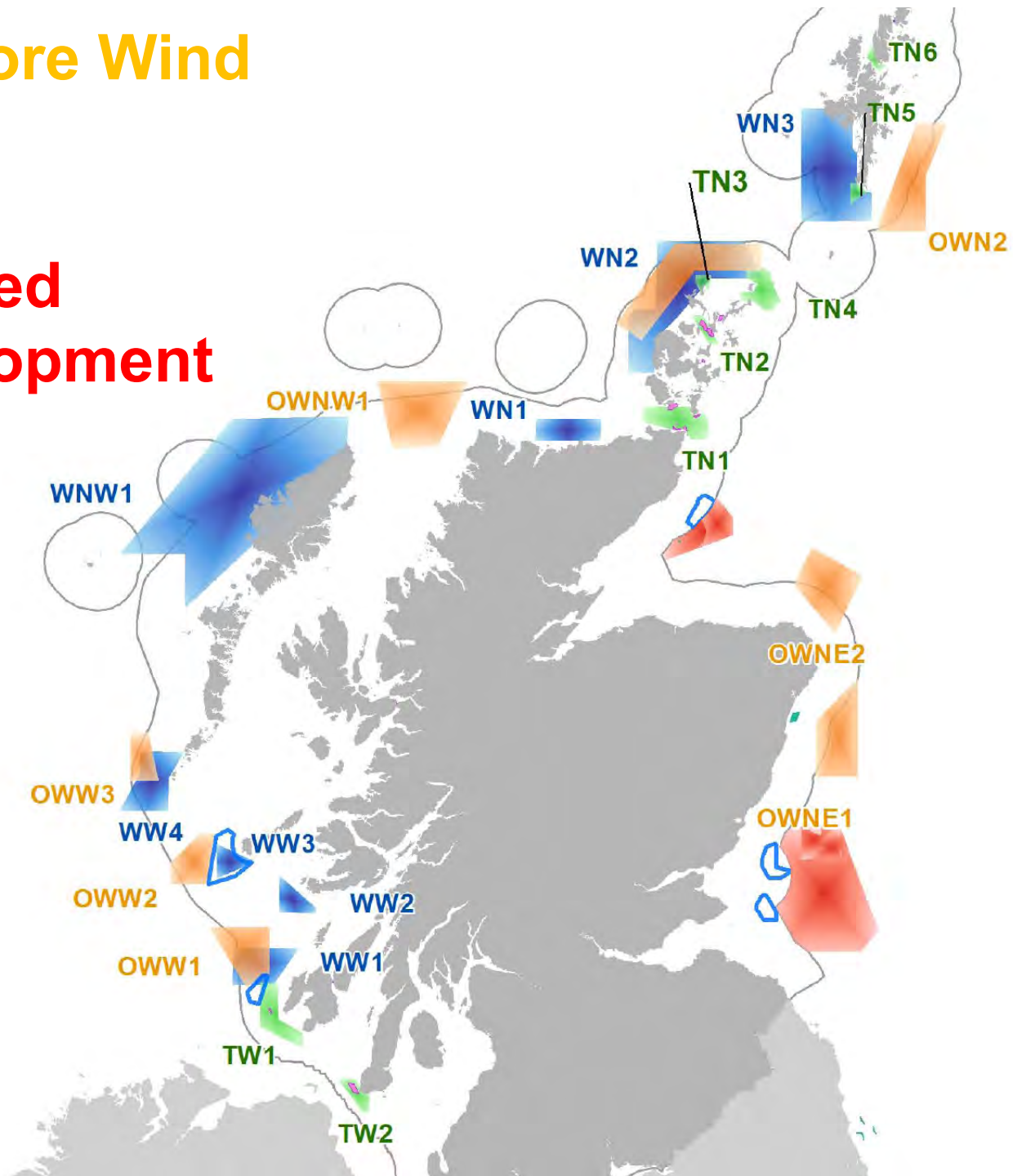
- Draft 'Plan Options' identified
- Draft Plan Options subject to sustainability appraisal:
 - Strategic Environmental Assessment
 - Habitats Regulations Appraisal
 - Socio-economic Impact Assessment
- The assessment findings contained the Draft Plans and subject to consultation

Draft Sectoral Plans

- Offshore Wind
- Wave
- Tidal

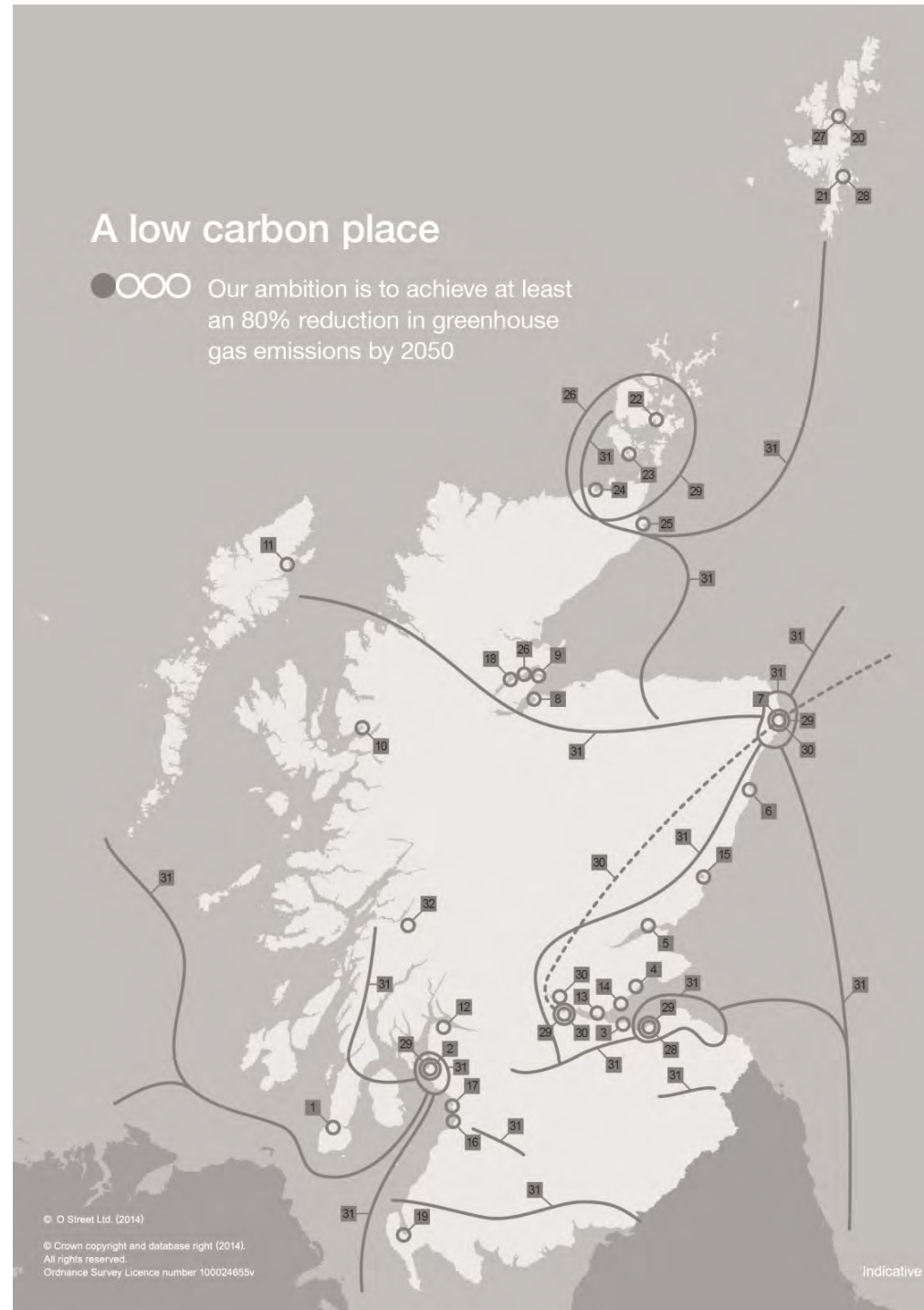


- Offshore Wind
- Wave
- Tidal
- Planned Development

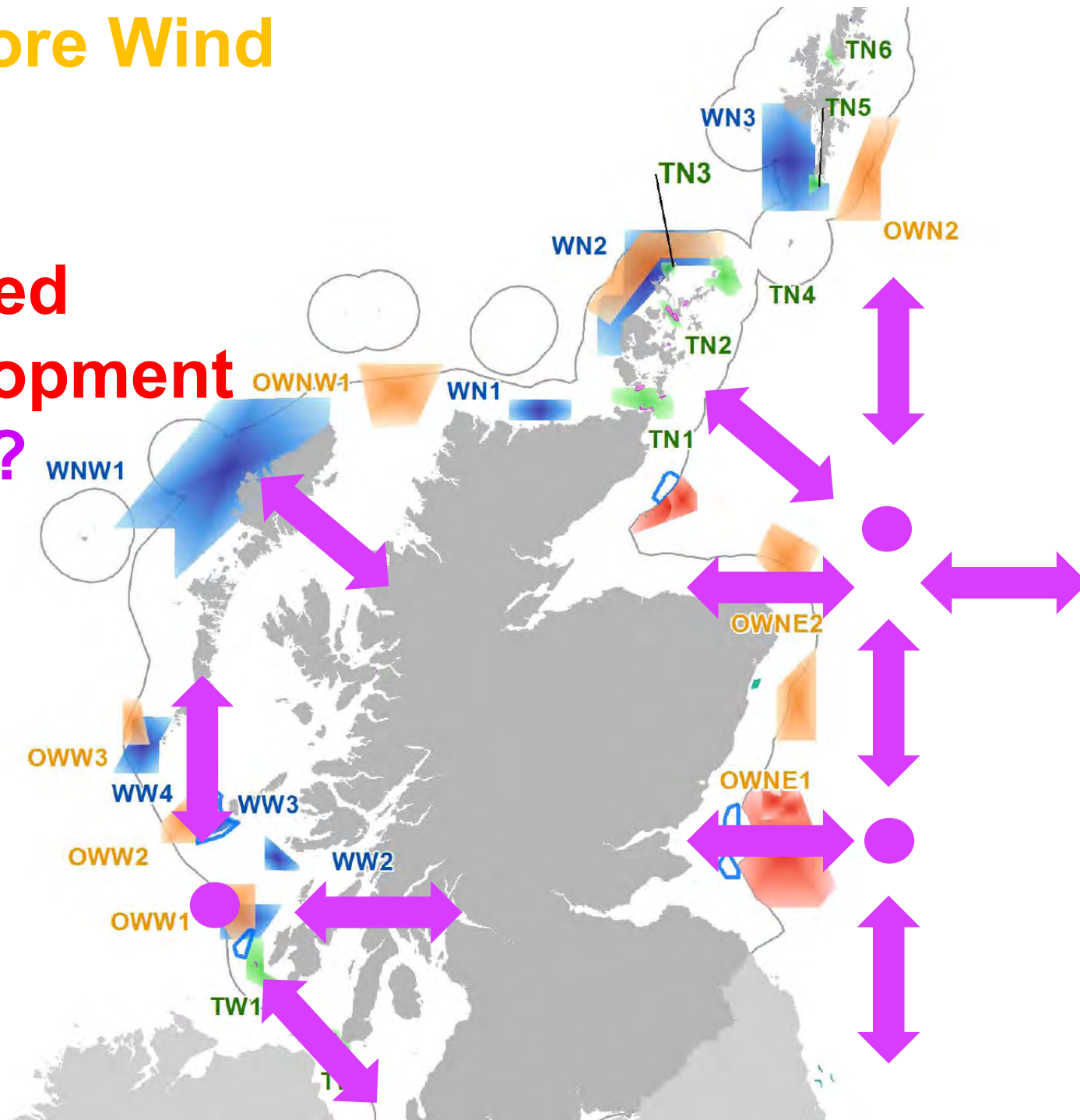


National Planning Framework 3

- Integration of Terrestrial & Marine Grid
- Strategic Landing Points
- Terrestrial Hubs

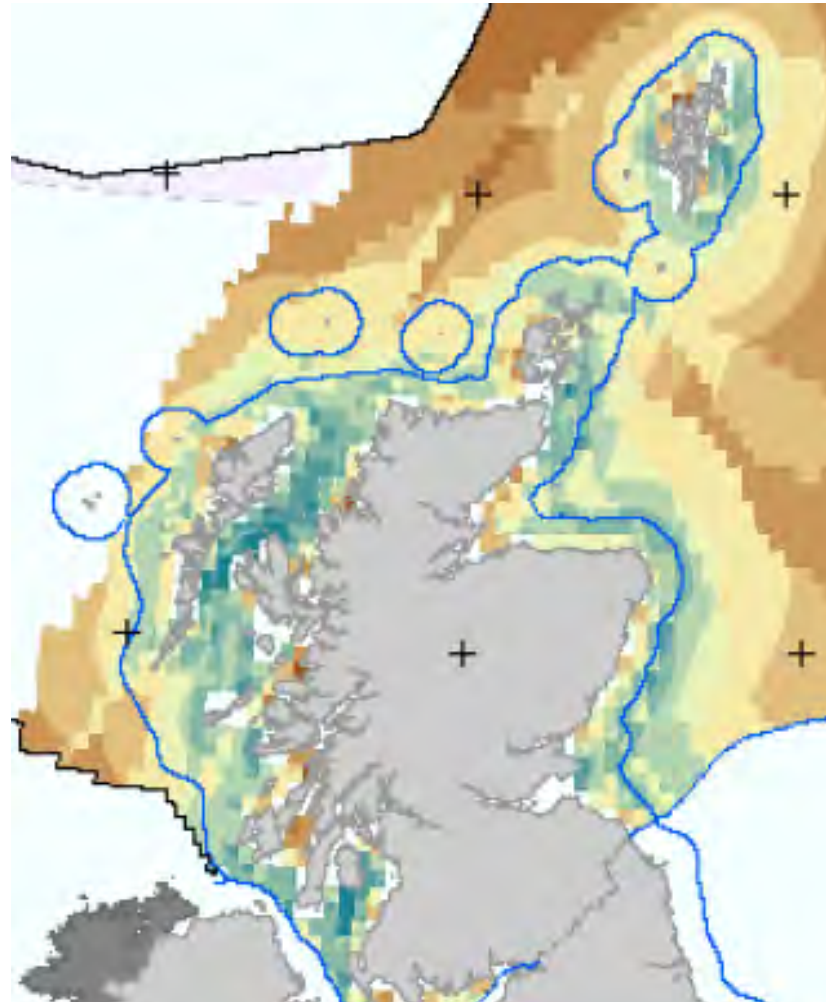


- Offshore Wind
- Wave
- Tidal
- Planned Development
- Grid??



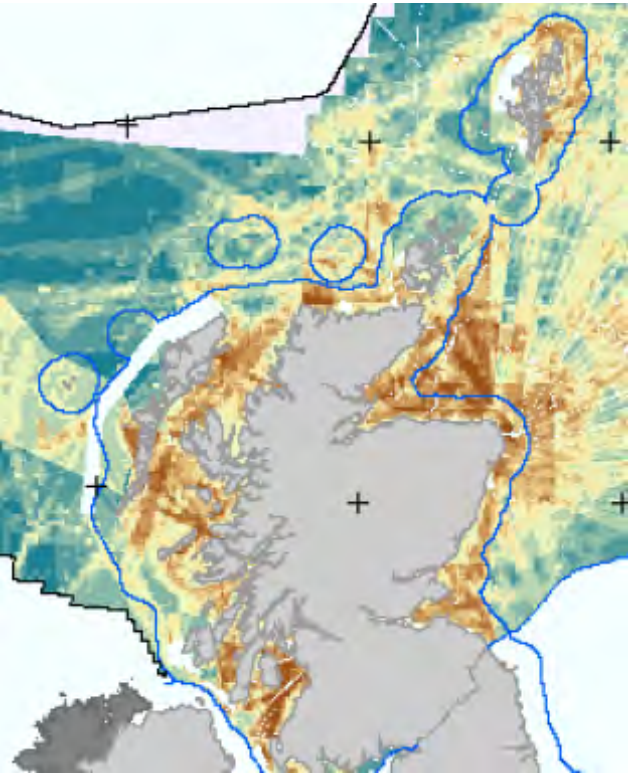
Resource

TECHNICAL MODEL

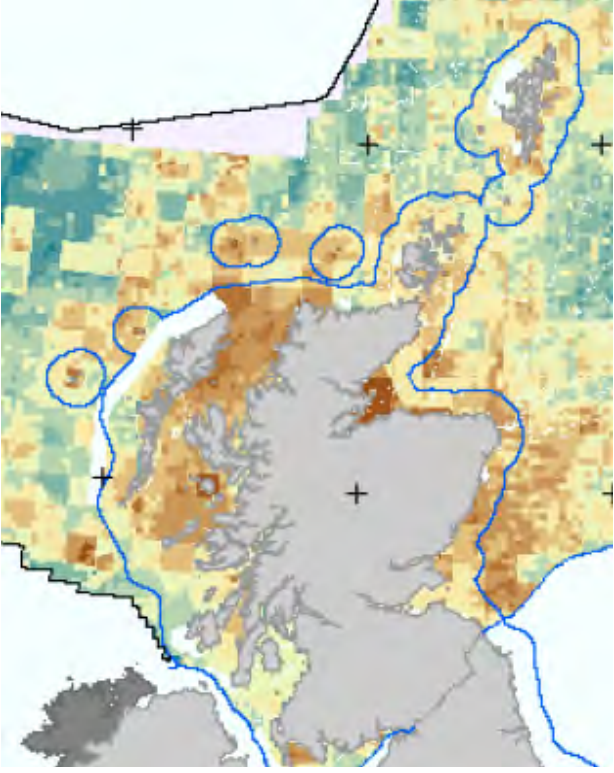


Constraints Models

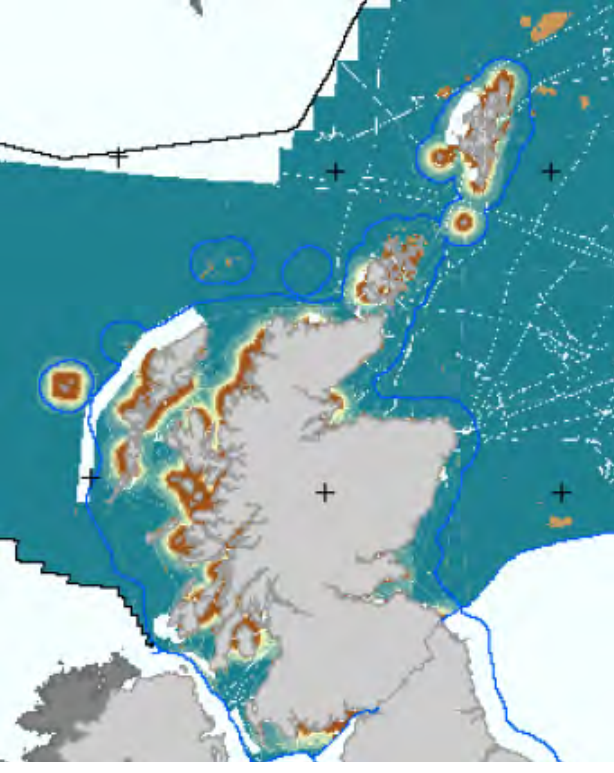
INDUSTRY



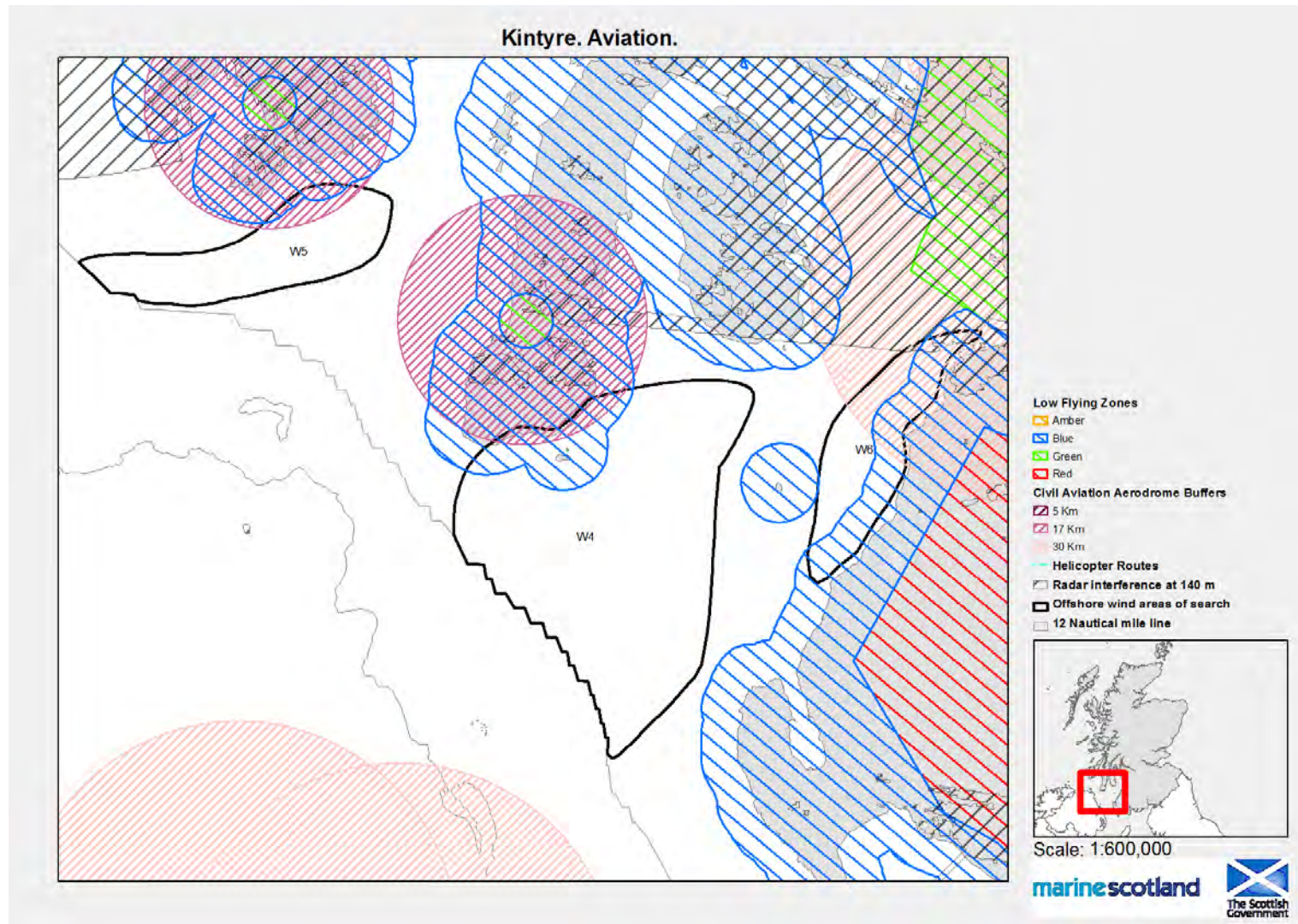
ENVIRONMENT



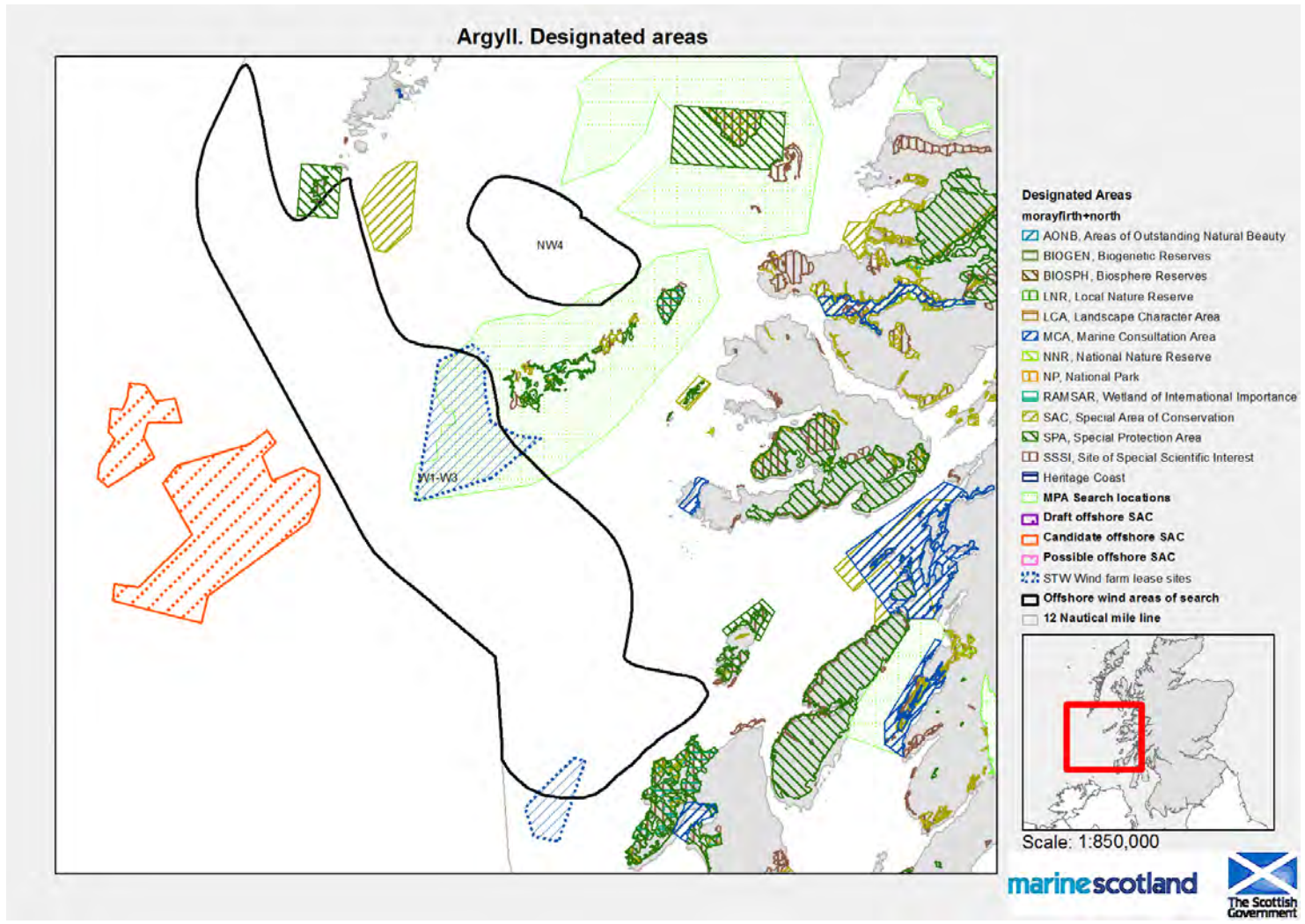
HERITAGE



Draft RLG – Offshore Wind – Aviation

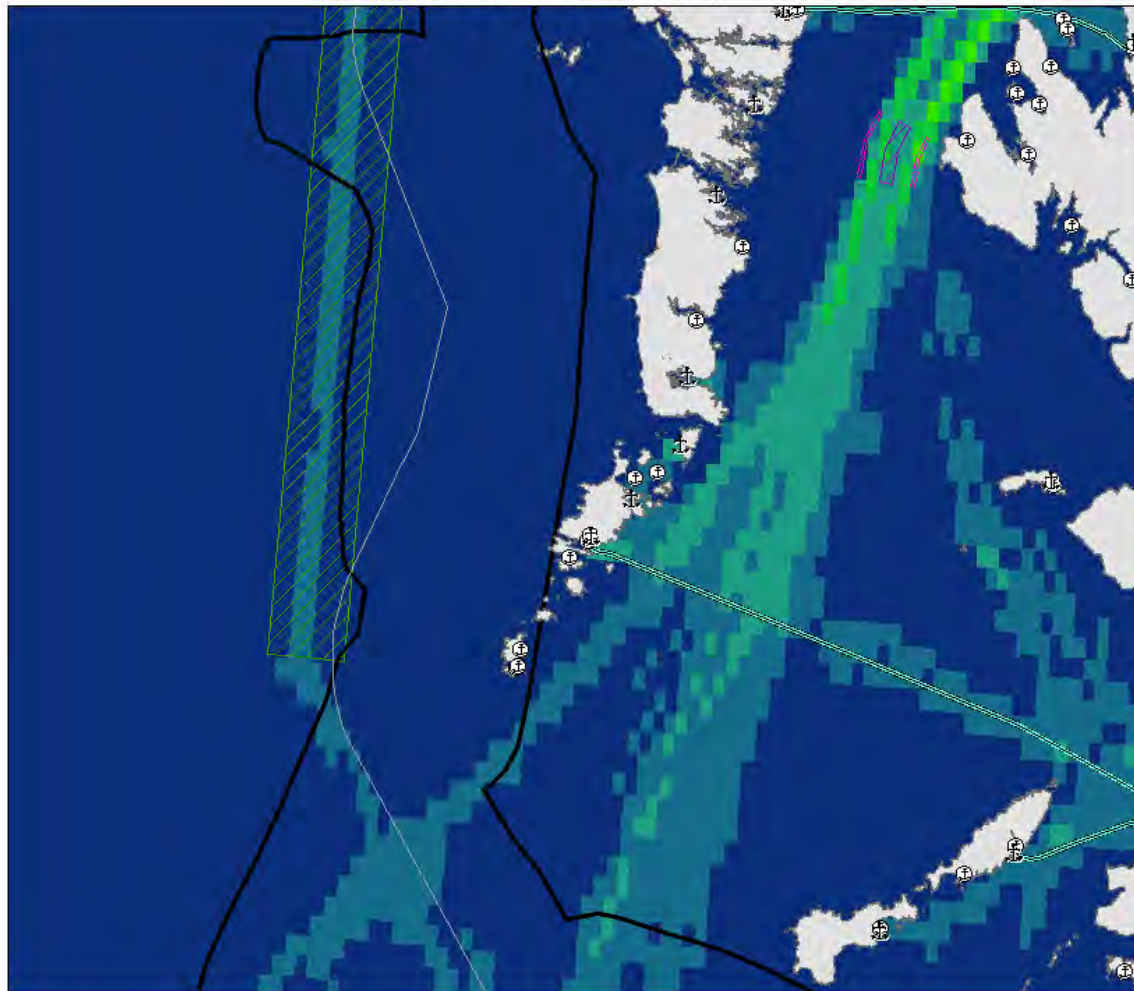


Draft RLG – Offshore Wind – Designated Areas



Draft RLG – Wave – Shipping

Barra and Tiree. Shipping



- Ports handling > 2 MTon of freight / year
- Ports
- Anchorage site
- Anchor berth
- Berth
- Shipping Routes**
- Ferry Routes
- Cruise Ships / Oil Supply Vessels
- Oil Tankers
- Other
- IMO Routing**
- Deep Water Route
- Traffic Lane
- Separation Lane
- TSS limit
- Area to be avoided
- Precautionary Area
- Deep Water Route
- Traffic Lane
- Separation Zone
- Shipping Density (Average Jan, Mar, Jun, Sep)**
- 0 - 2
- 3 - 6
- 7 - 12
- 13 - 20
- 21 - 30
- 31 - 43
- 44 - 64
- 65 - 96
- 97 - 160
- 161 - 326
- Marine Environmental High Risk Areas**
- MEHRAs
- Offshore wave areas of search
- 12 Nautical mile line



Scale: 1: 700,000

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Consultation Events

Pre-consultation workshops

- Offshore Wind Industry
- Fishing Industry
- Shipping and Ports Sectors
- RYA
- SEA Consultation Authorities
- Environment NGOs

Sectoral Stakeholder Consultation Sessions

- Aquaculture
- Shipping, Sailing, Ports and Aviation
- Tourism and Recreation
- Offshore Wind Industry
- Fishing Industry
- Scottish Coastal Forum / Scottish Environment LINK
- Institute of Ecology and Environmental Management

Regional workshops – Pre- and Statutory Consultation Stage

- Ullapool
- Inverness
- Edinburgh
- Dumfries*
- Wigtown*
- Campbeltown*
- Oban
- Stornoway
- Lerwick / Brae
- Peterhead
- Dundee
- Barra
- Tiree*
- Kirkcudbright
- Islay*
- Port William
- Coll
- Elgin
- Glasgow

Stakeholder Involvement

- **Scoping ‘Area of Search’ Stage –**
 - RLGs present applied information for stakeholder comments
 - Stakeholders have opportunity to input more accurate and up-to-date information
 - Communities engage in ‘Pre-consultation’ Events
- **Draft Plan Option ‘Assessment Stage’ –**
 - Stakeholders form Steering Group for Sustainability Appraisal to ensure –
 - Correct information has been applied
 - They are content with assessment methodology to account for impacts
- **‘Consultation’ Stage**
 - Engage with communities around Scotland
- **Consultation Analysis Stage**
 - Verify consultation results and ensure key themes are captured

Timetable

- **Process will commence in early 2014**
- **First Stage - Scoping for Plan and Sustainability Appraisal (SEA & Socio-economics)**
- **Draft Plan for consultation late 2014 / early 2015**
- **Engagement with Fishing, Shipping, Aviation, Tourism, Recreation, Defence, Aquaculture, Salmon fisheries & Coastal Forums Groups & Communities**

Questions?

- **Further Information -**
- **Offshore Renewable Energy Planning Webpage**
- <http://www.scotland.gov.uk/Topics/marine/marineenergy/Planning>
- **Offshore Renewable Energy Planning Mailbox**
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- david.pratt@scotland.gsi.gov.uk