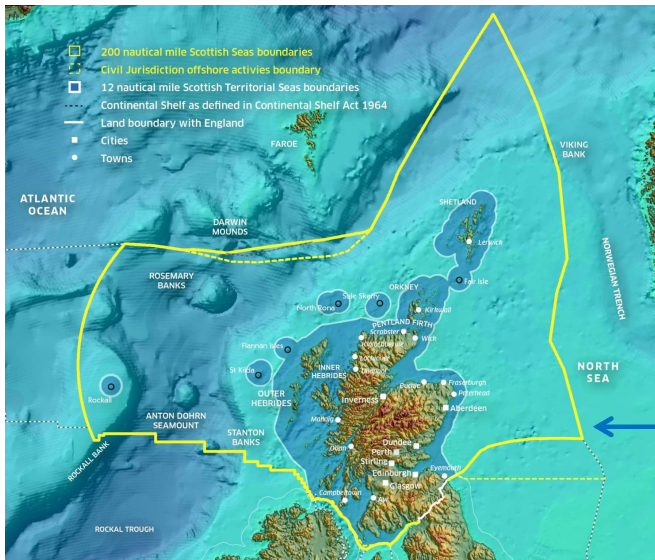


Marine Spatial Planning in Scotland

Drew Milne
Senior Policy Officer – Marine Planning



Scotland's Seas



62%
of UK sea area

Covers over 6 x
Scotland's land
mass


National Marine
Planning area
out to 200NM





National and Regional Marine Planning

Scotland's National Marine Plan
A Single Framework for Managing Our Seas

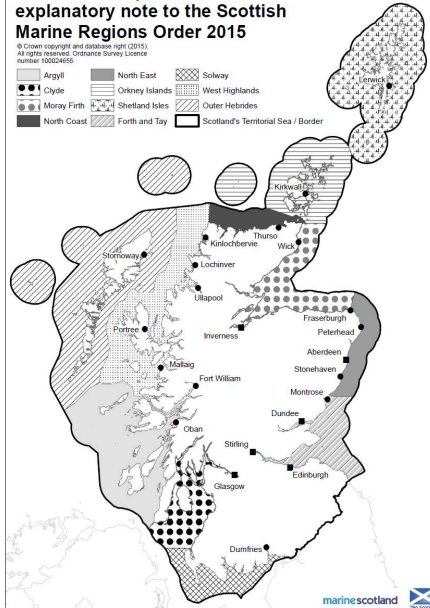


marine scotland

Illustrative map referred to in the explanatory note to the Scottish Marine Regions Order 2015

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Argyll	North East	Solway
Clyde	Orkney Islands	West Highlands
Moray Firth	Shetland Isles	Outer Hebrides
North Coast	Forth and Tay	Scotland's Territorial Sea / Border



marine scotland

Strategic Planning for Marine Energy in Scottish Waters

Sectoral Planning



The Scottish Government

marine scotland

Marine Scotland and Crown Estate Scotland

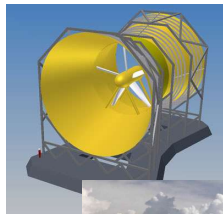
marinescotland

Marine Planning
and Licensing
Authority



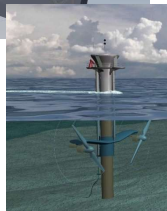
Crown Estate
Scotland
Oighreachd a' Chrùin Alba

Seabed Leasing
Agency



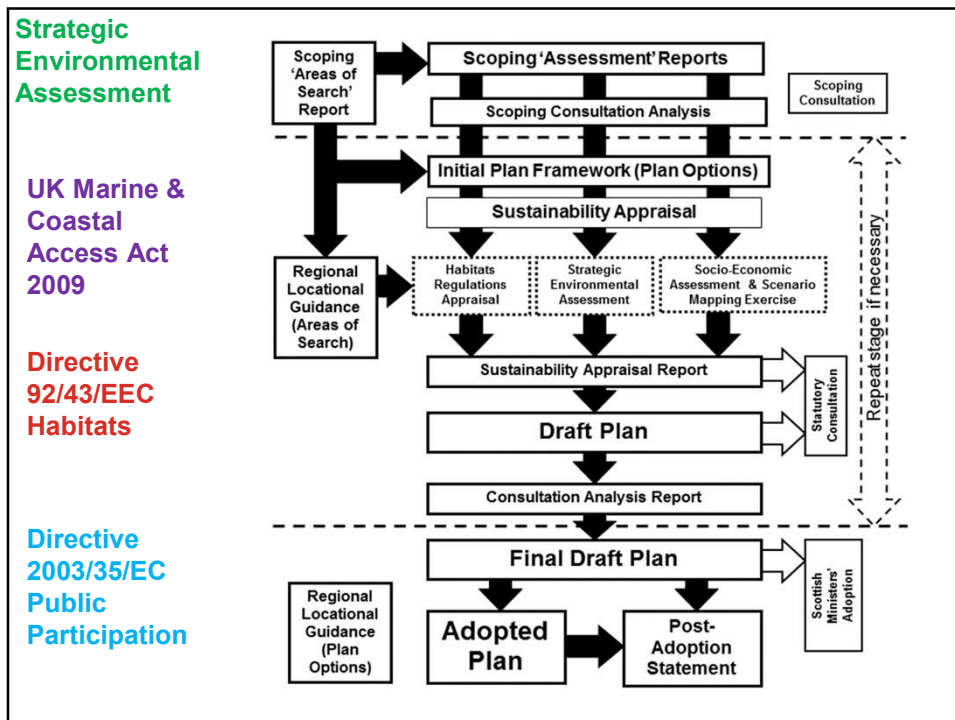
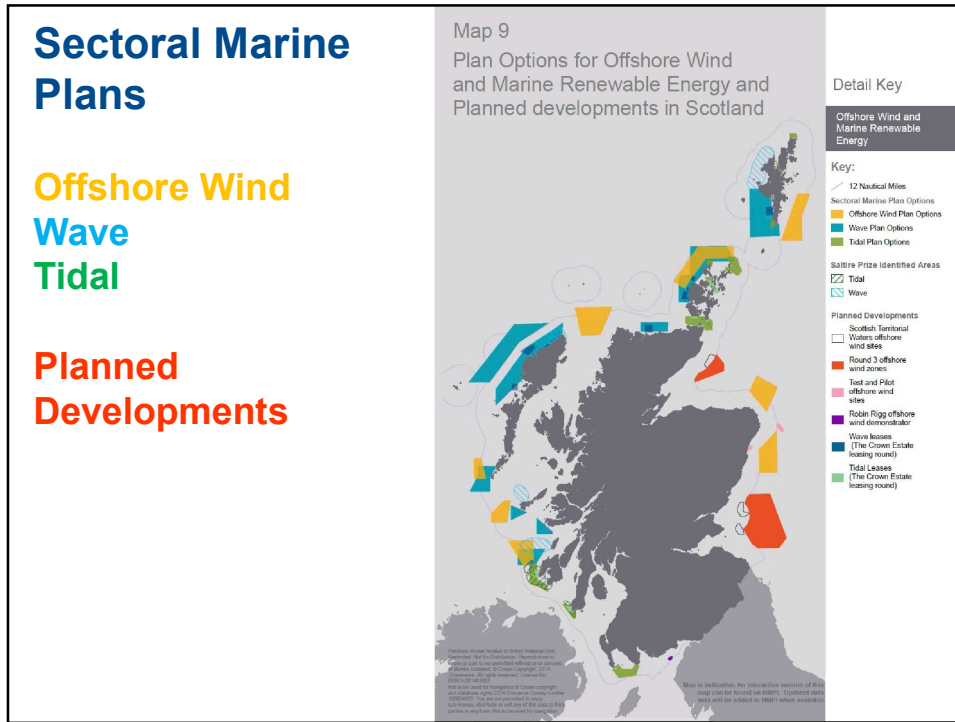
What?

Where?



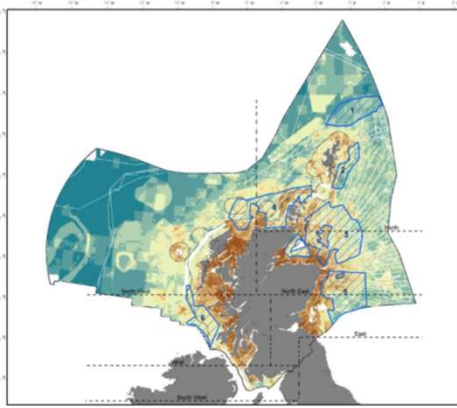
Who?



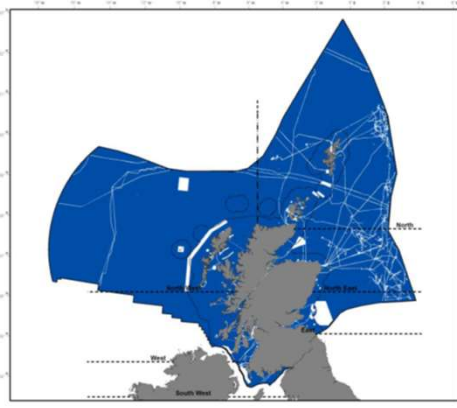


Opportunity and Constraints Analysis

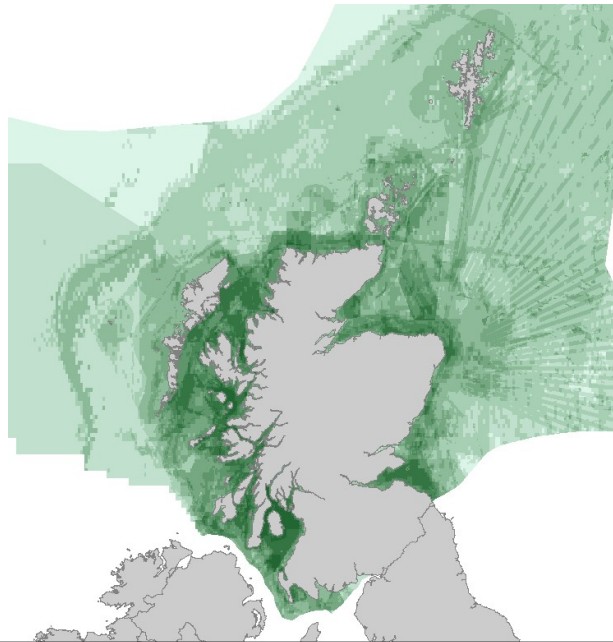
Constraint and Areas of Search



Exclusions

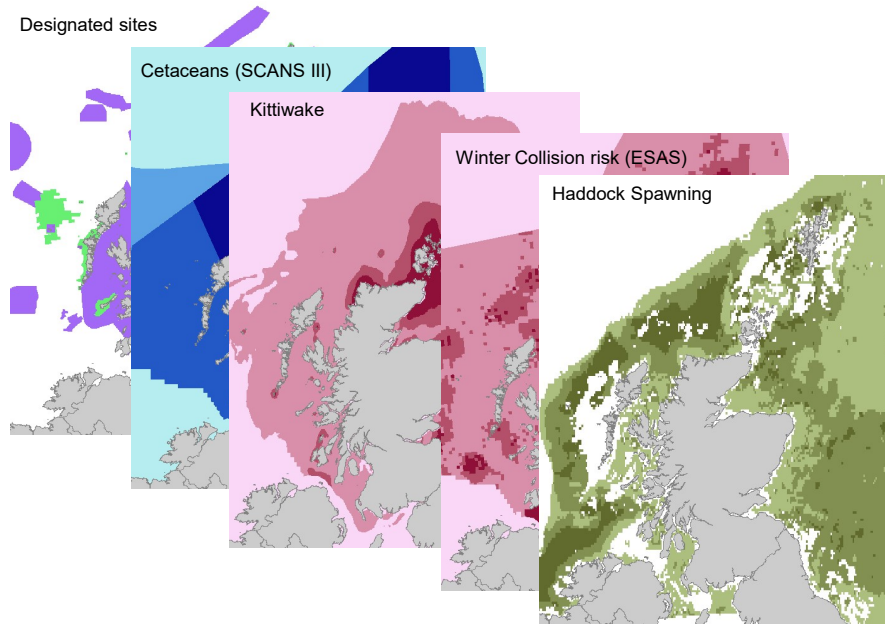


Socio-economic model

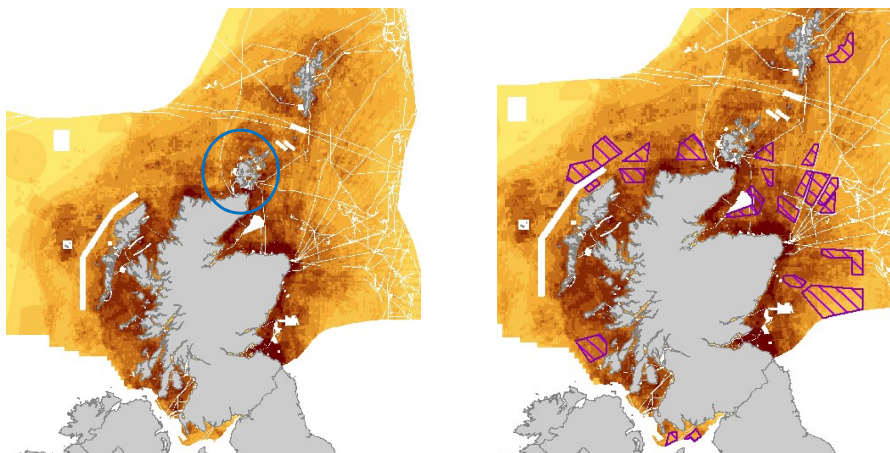


Environmental Data

Designated sites

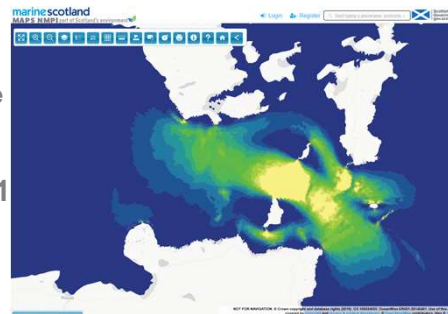


Final Opportunity and Constraint Analysis – revised Areas of Search



Pentland Firth and Orkney waters - Wave and Tidal

- Wave and tidal SEA carried out in 2007/2008
- Assesses the potential effects on the environment from adding at least 1,300 MW of marine renewable capacity around Scotland
- Helped to inform the Marine Policy Statement
- PFOW Marine Energy resources
 - details the outputs of a hydrodynamic wave model of the area. Regional level resource information
- PFOW leasing round 2010 – 11 lease agreements
- Meygen – first phase in operation - 6 MW



Next steps and what could be improved

- Scotland has resource but this needs to be narrowed down to likely realistic scenarios
- Spatial analysis and assessment will benefit from more up-to-date and realistic data
- MeyGen example and evidence could provide a real opportunity to see how this can work at scale. Also gives a realistic example of potential impact
- Adjusting the planning and project process to different goals. E.g. smaller scale projects or off-grid solutions.

How do we address those gaps?

marinescotland

ScotMER

Scottish Marine Energy Research Programme

Collaborative research to support the sustainable development of offshore renewable energy in Scotland's seas



ScotMER Programme

- To deliver coordinated and collaborative research to facilitate the sustainable development of the offshore renewables sector in Scotland.
- Three parts to ScotMER:

Identify and prioritise knowledge gaps

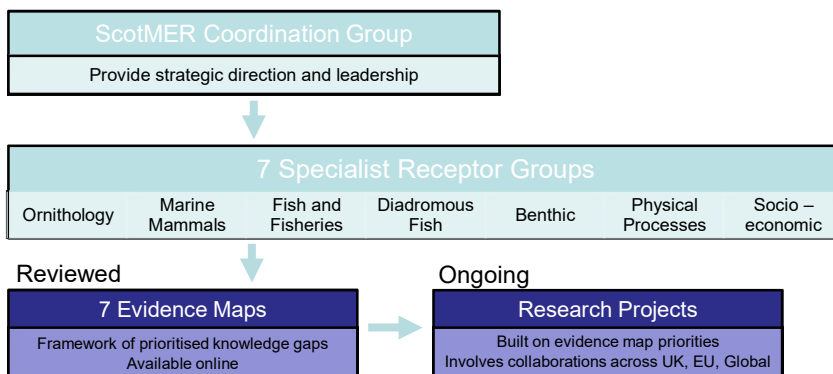


Research to address knowledge gaps



Communication of research outputs

Coordinated and collaborative approach



For more information about sectoral marine planning please visit:
www2.gov.scot/Topics/marine/marineenergy/Planning

drew.milne@gov.scot

Or contact the team at:

SectoralMarinePlanning@gov.scot

THANK YOU