

Governance and European Ambition for Marine Space

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European Ambition



“Scenarios and drivers for sustainable growth from the seas”

The Commission President called for boosting new sources of growth, employment and social cohesion in the maritime sector:

“... sustainability not only implies long term economic opportunities, but also enhancing skills and promoting advanced technologies, whilst ensuring the protection of Europe’s maritime zones... Maritime Spatial Planning will be a key instrument for decision making in this respect...”

[Political Guidelines for the next Commission 2010-2014, Jose Barroso, September 2009]



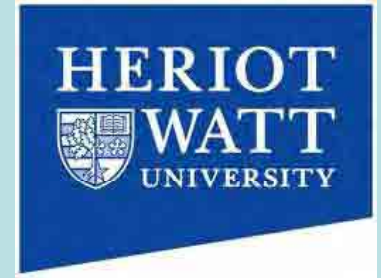
Aims and Objectives



- Principal aims - jobs, economic growth and the mitigation of climate change
- Principal objectives - sustainable growth and ecosystem based management



Marine Planning in Scotland



Ministers MUST

- a) Set economic, social and marine ecosystem objectives
- b) Set objectives relating to the mitigation and adaptation to climate change
- c) Assess the Scottish Marine Area and gather evidence
- d) Summarise significant pressures and human activity impacts on the area or region

Marine (Scotland) Act 2010 Part 2 Section 3(3)



Social and Economic Priority



“ In recognition of the social and economic benefits the marine environment offers individuals, communities and business alike, Scottish Ministers have adopted a policy of presumption of use within Marine Protected Areas”

Marine (Scotland) Bill Policy Memorandum 2009 (Para. 54)



Spatial Activities

Promoted by DG-MARE



- Renewable offshore energy
- Clean energy efficient ships
- Large multi-functional offshore platforms
- Minerals, rare metals, oil and gas
- Biotechnologies
- Artificial islands and floating homes



Governance and the Institutional Landscape



- AIM - Good governance: transparency, accountability and a balance between state, market and people
- MEANS - Institutions and process able to anticipate and deal fairly with conflicts
- Old and new institutions



Institutional Landscape State

- UNCLOS Article 76 Commission
- MSFD and OSPAR
- Marine Scotland and the MMO
- The Crown Estate



Institutional Landscape Market

- Financial Markets
- Developers, operators and their trade organisations
- The Crown Estate

Institutional Landscape

Local and Civil Society



- Local Councils
- Community Councils
- Commoners
- Civil Society Organisations



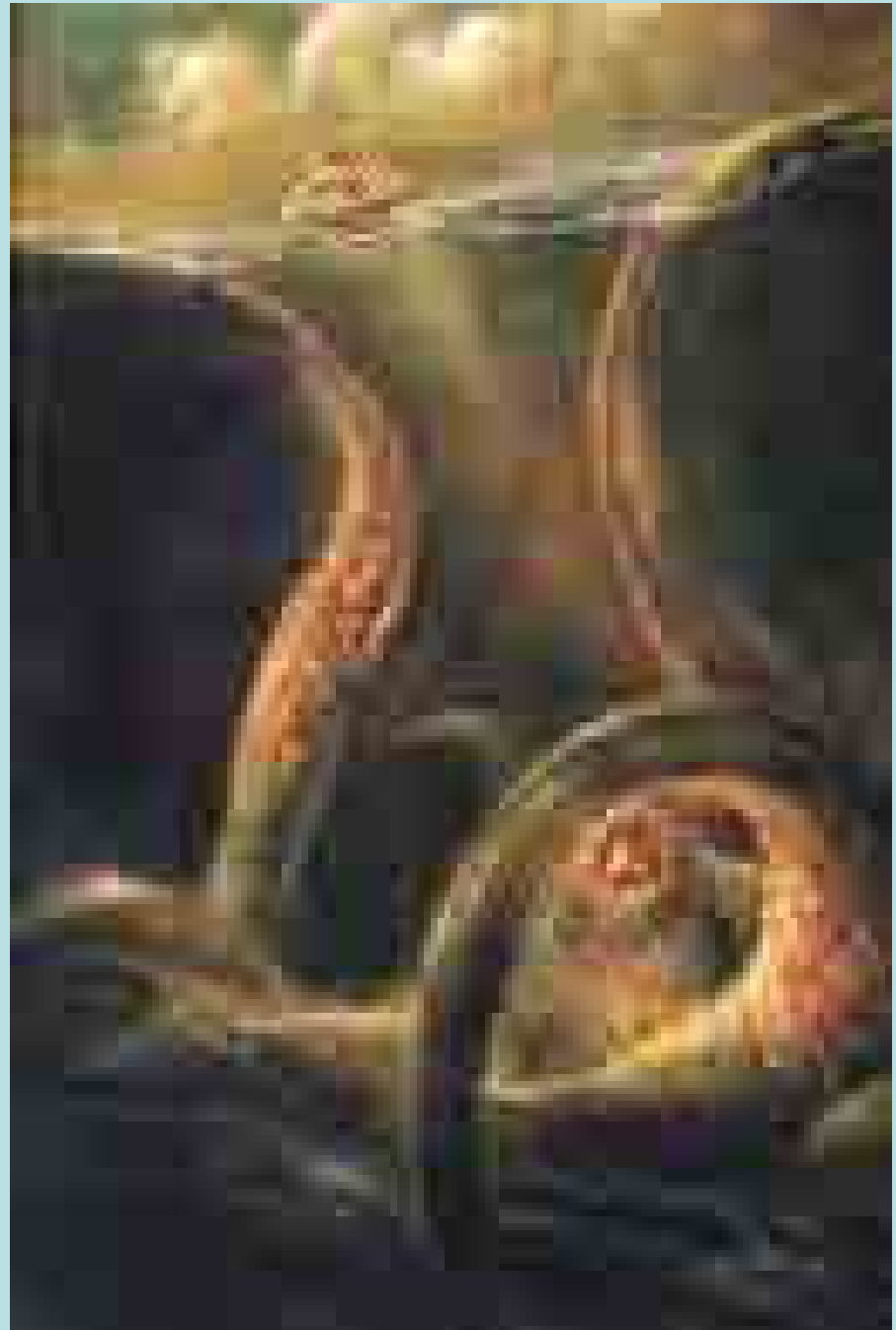
Institutional Landscape Research and Academic



- MASTS/MREDS and the universities
- MESMA EU FP7 programme
- Marine Scotland Science
- NGOs and Voluntary Bodies
- Private consultants



For most of history a
fearsome lawless
unknown with
resources free to
anyone who would take
the risk - no property
rights



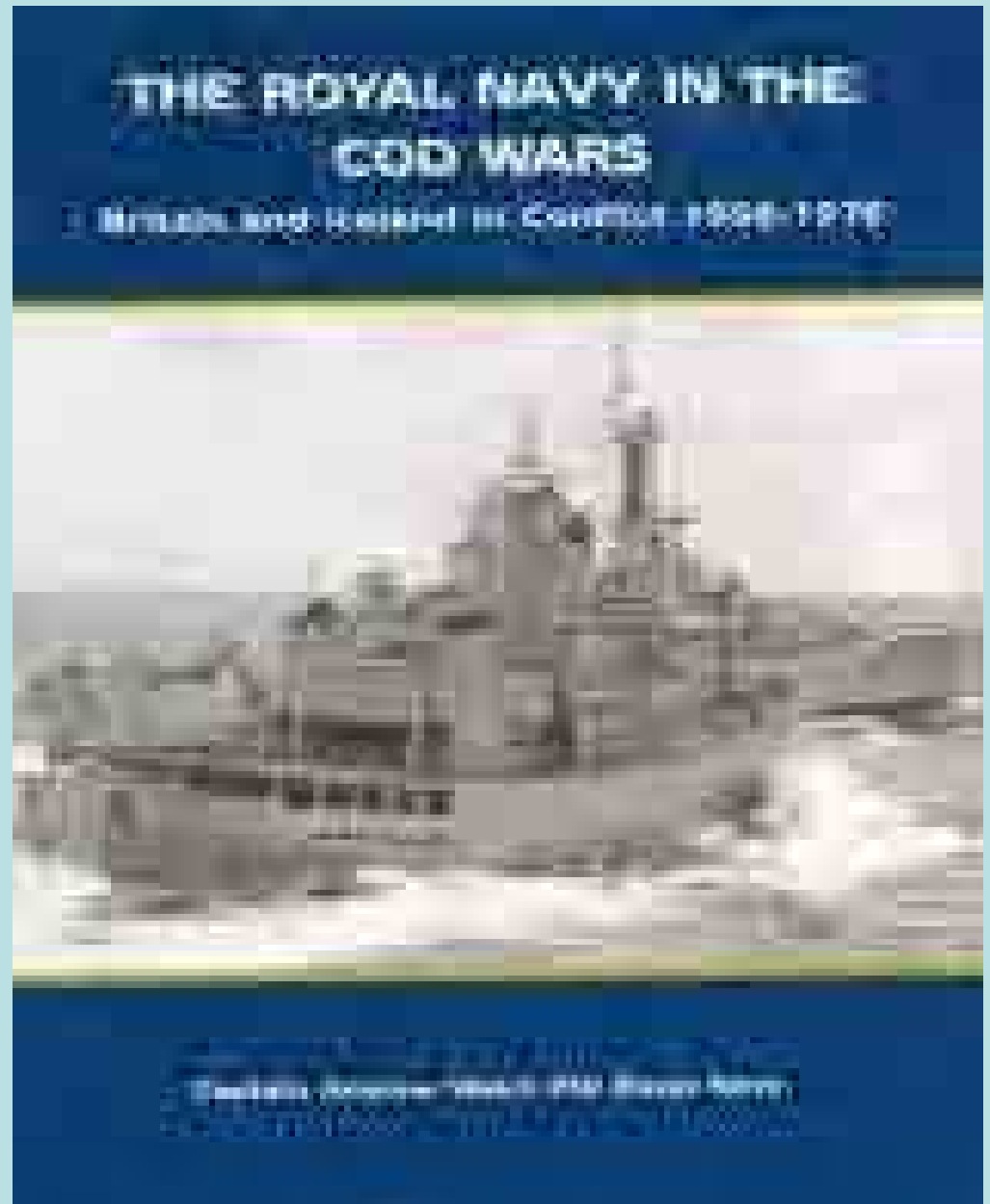


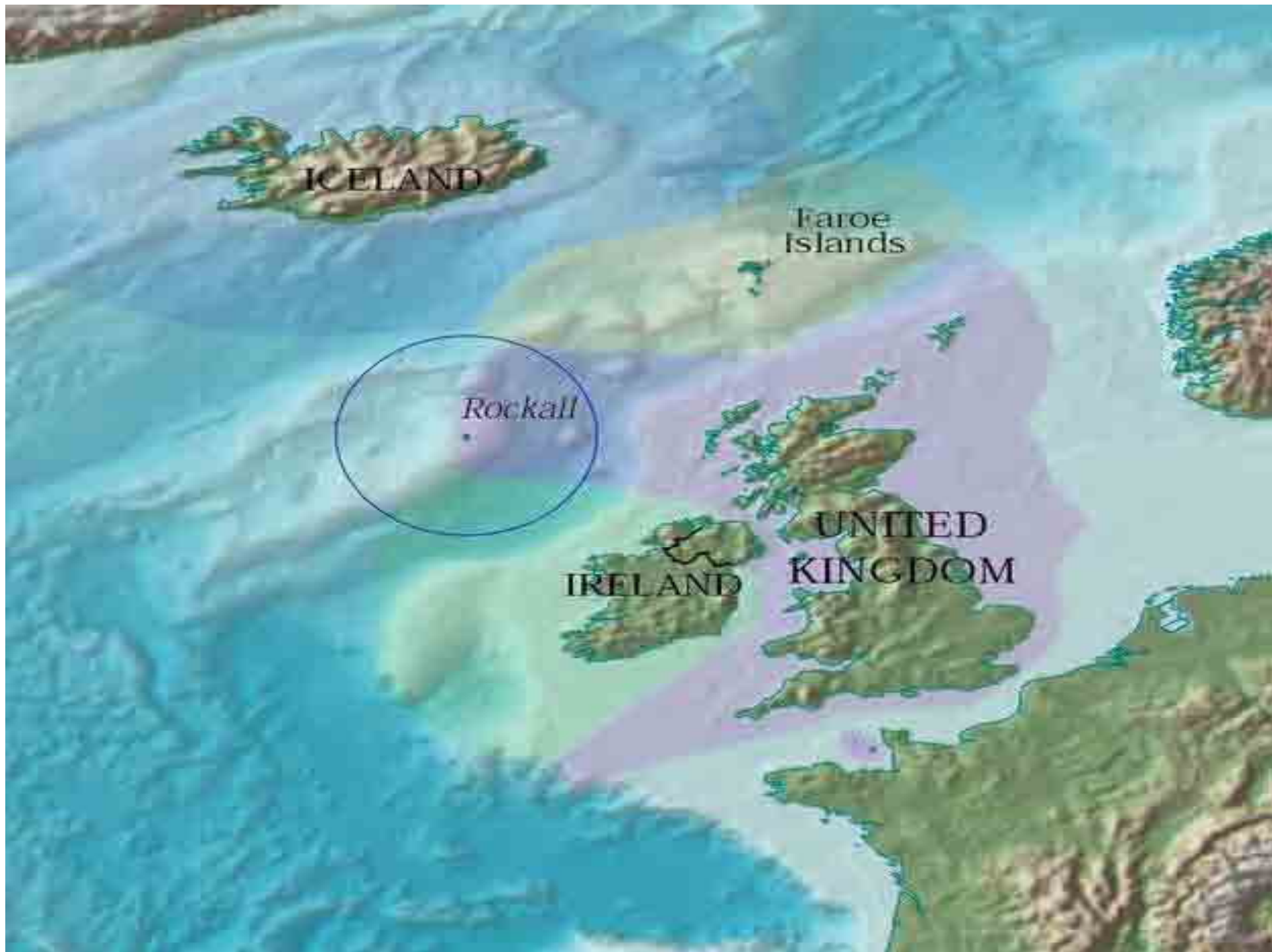
The battle for control of resources and the regulatory response. Rapid progress after 1970

International - MARPOL '78; UNCLOS '82; OSPAR '92 etc

Europe - Birds '79; CFP '83; Habitats '92; Water '00 etc

UK - Wildlife; Energy; Harbours; Fisheries etc

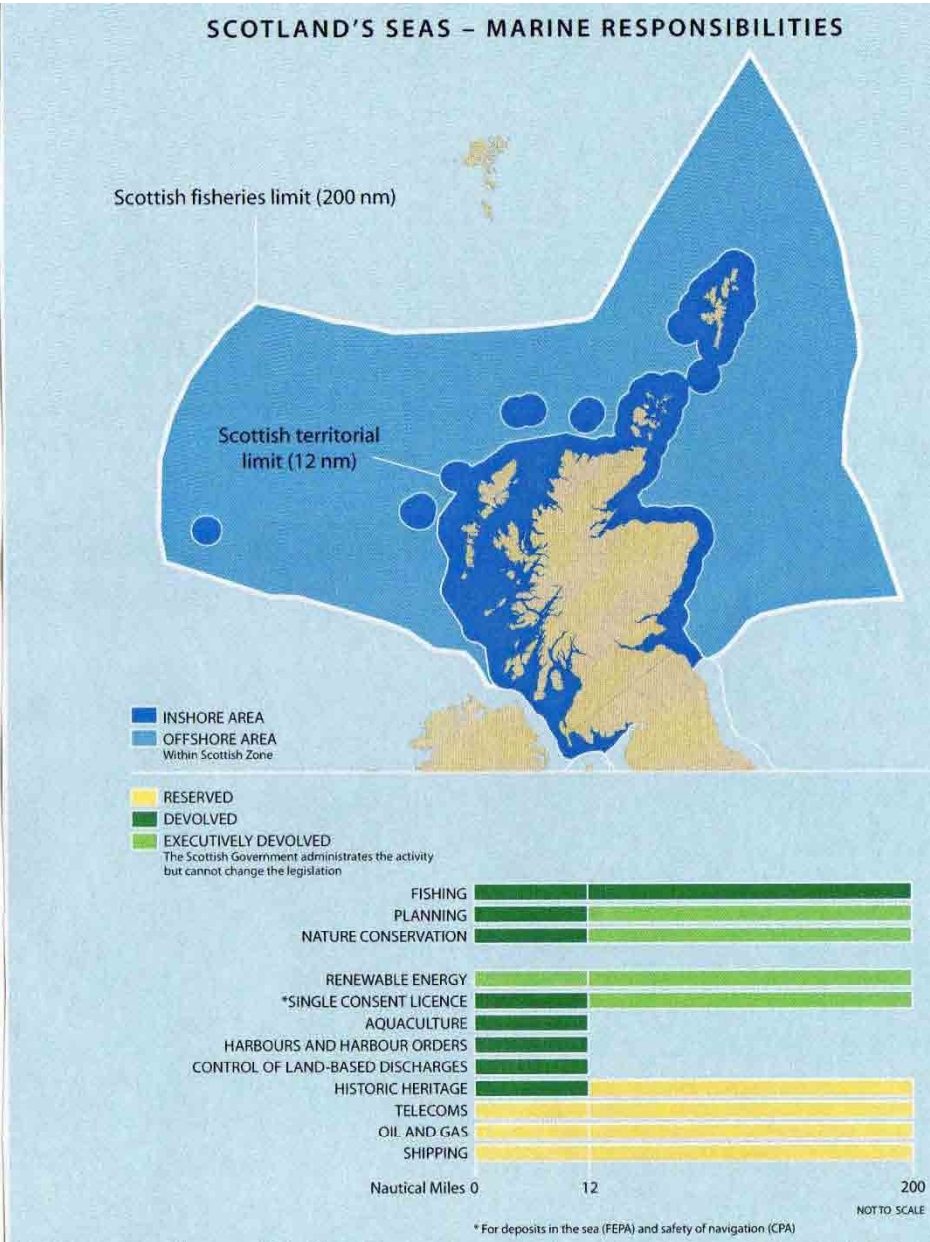






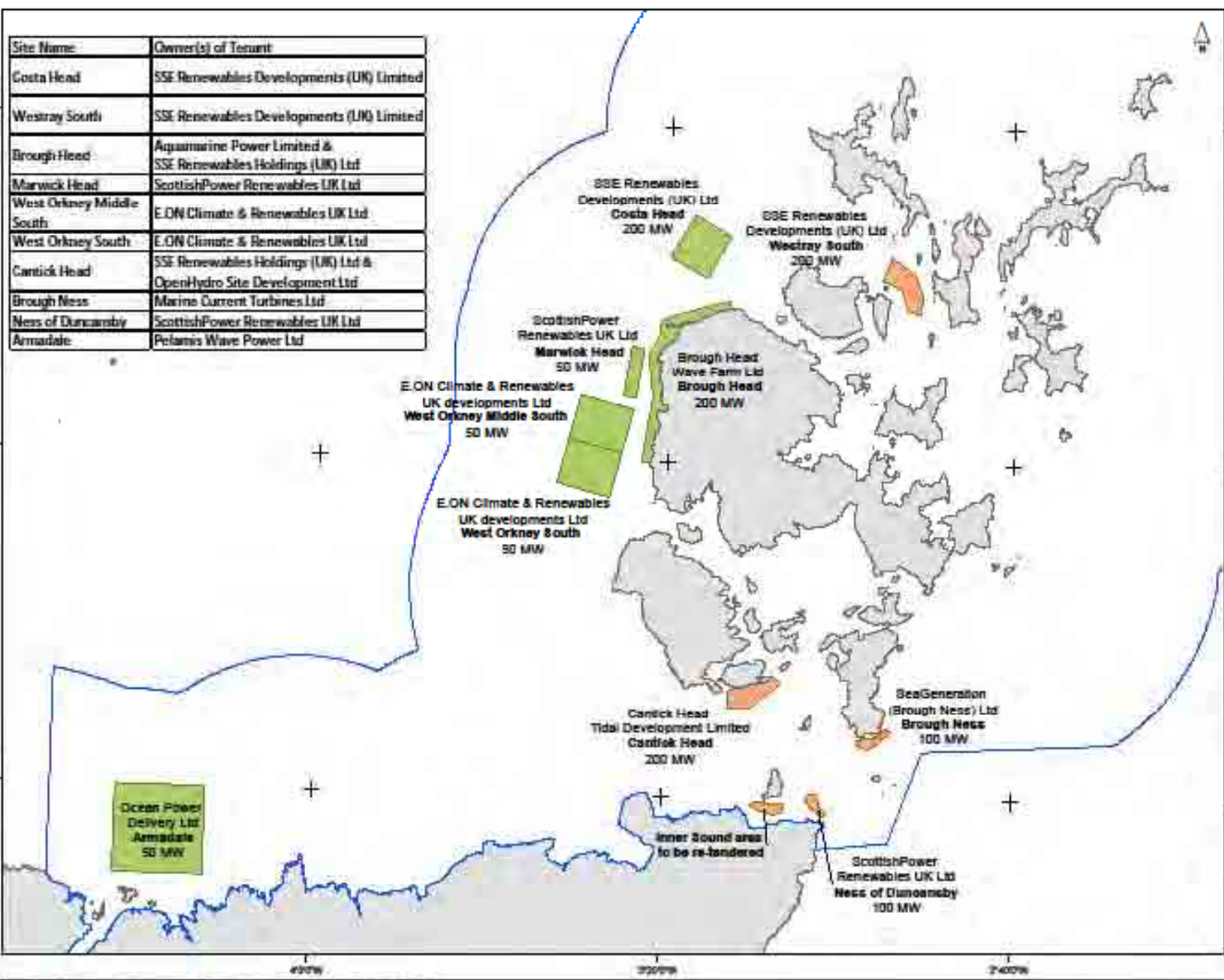
Scottish Inshore and Offshore

Devolved
Executive
Reserved
POWERS



Pentland Firth and Orkney Waters Round 1 Development Sites

Site Name	Owner(s) of Tenant
Costa Head	SSE Renewables Developments (UK) Limited
Westray South	SSE Renewables Developments (UK) Limited
Brough Head	Aquamarine Power Limited & SSE Renewables Holdings (UK) Ltd
Marwick Head	ScottishPower Renewables UK Ltd
West Orkney Middle South	E.ON Climate & Renewables UK Ltd
West Orkney South	E.ON Climate & Renewables UK Ltd
Cantrick Head	SSE Renewables Holdings (UK) Ltd & OpenHydro Site Development Ltd
Brough Ness	Marine Current Turbines Ltd
Ness of Duncansby	ScottishPower Renewables UK Ltd
Armadale	Pelamis Wave Power Ltd



- Development Sites**
- Tidal
 - Wave
 - Strategic Area
 - United Kingdom
 - Europe

MaRS
Marine Resource System
Round 1 Development Sites
29 March 2010



1:500,000 Author: KR
Size: A4 QA: JM

Projections shown relative to WGS 84
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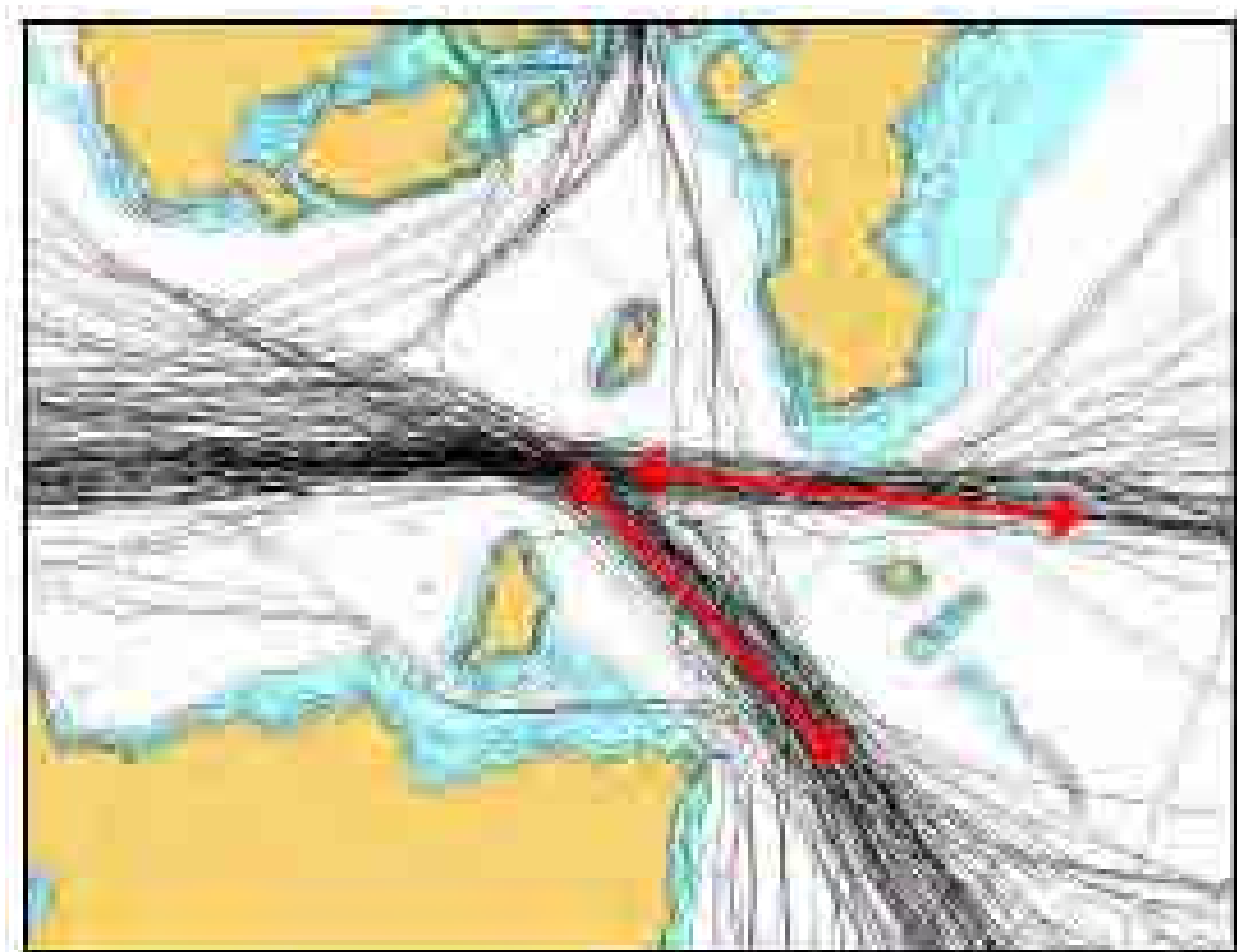
10 New Burlington Place 8 Ball's Lane
London W1D 3JH Edinburgh EH4 3BU
Tel: 020 7661 2000 Tel: 0131 260 0170

www.thecrownestate.co.uk

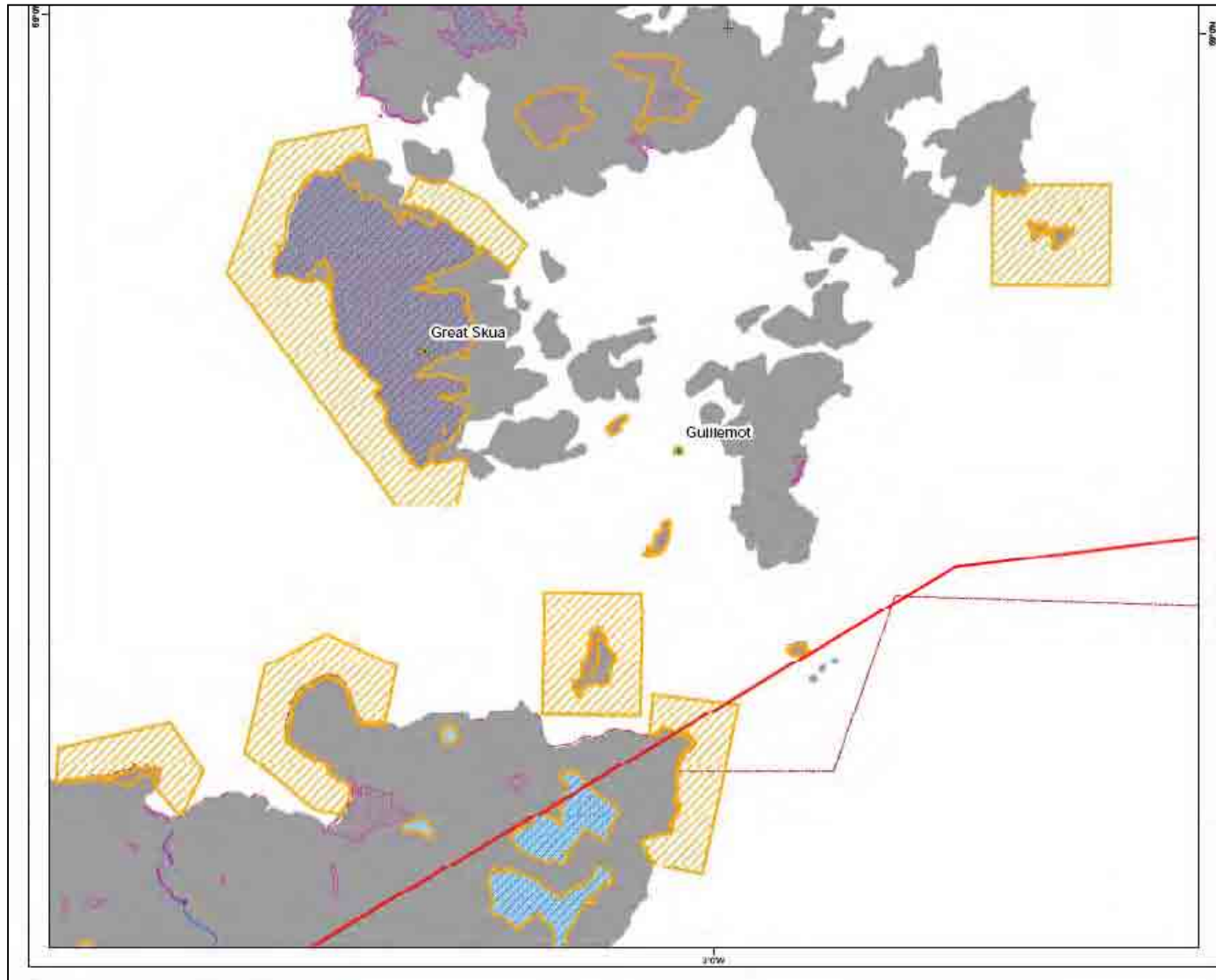


Pentland Firth and Orkney Waters

The northern route around Britain



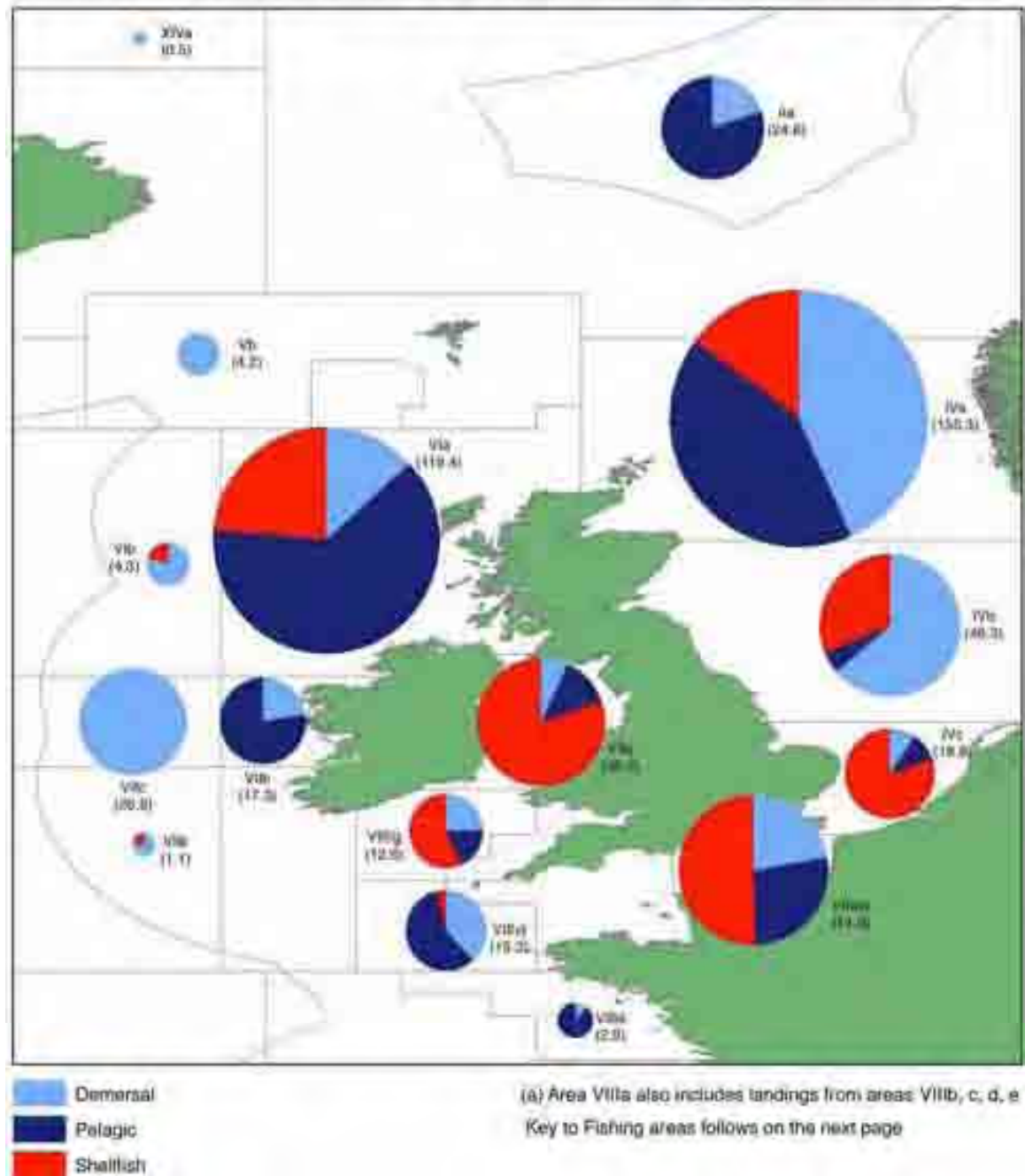
Pentland Firth and Orkney Waters Marine extensions to existing SACs



UK vessels fish landings by area of capture (2008)

Common Fisheries Policy (CFP)

Chart 3.15: Landings into the UK and abroad by UK vessels by area of capture: 2008 ('000 tonnes)



Pentland Firth and Orkney Waters

CONFLICTS

ACTIVITIES	Fi	OG	Sh	Wn	Wv	TE	Ar	M	To	Aq	P	Cb	Cv	ND
Fisheries	xx	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil/Gas	xx	0	-	-	-	-	-	-	-	-	-	-	-	-
Shipping	xx	x	xx	-	-	-	-	-	-	-	-	-	-	-
Wind energy	xxx	xx	xx	0	-	-	-	-	-	-	-	-	-	-
Wave energy	xxx	xx	xx	0	0	-	-	-	-	-	-	-	-	-
Tidal energy	xxx	xx	xxx	0	0	0	-	-	-	-	-	-	-	-
Archaeology	x	0	0	x	x	x	0	-	-	-	-	-	-	-
Military	xx	0	0	x	x	xx	x	0	-	-	-	-	-	-
Tourism/Recreation	0	0	0	xxx	xx	xx	xx	x	xx	-	-	-	-	-
Aquaculture	x	0	0	0	0	0	x	0	xxx	xx	-	-	-	-
Pipelines	xx	0	0	0	x	0	x	0	0	0	0	-	-	-
Cables	xx	0	0	0	x	0	x	0	0	0	0	0	-	-
Conservation	xxx	x	x	xxx	xx	xxx	0	x	xx	xxx	x	x	0	
Nuclear Decommission	xx	0	0	0	0	0	0	0	xxx	x	0	0	0	0

Some Research Questions

Enclosing the marine commons



- Public understanding?
- The marine/terrestrial boundary?
- Linking formal and informal economies?
- Public accountability?
- Benefits distribution to commoners?
- Who decides and how?

