

Presentation by Dr Peter Jones,
Dept of Geography, UCL

Westminster Forum:
Fisheries and the Marine Environment
10 November 2010

<http://www.westminsterforumprojects.co.uk/forums/event.php?eid=80>

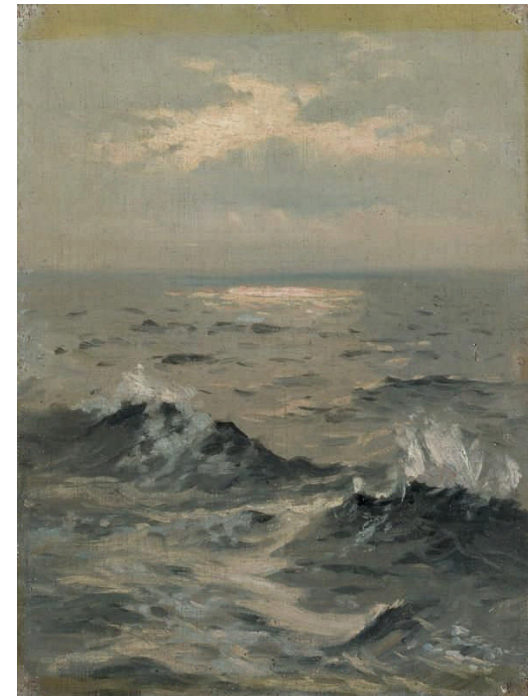
*Five key issues that the
modernised management of
marine resources must address*

After the 2nd World War had ended, a shift occurred whereby our 'countryside' was seen as being **more than a food & timber production area** - led to designation of protected areas where nature conservation & landscape preservation were a priority, to address wider societal concerns

Do calls to adopt an ecosystem approach to marine management reflect a similar extension of societal concerns to our seas?



The Hay Wain, Constable, 1821



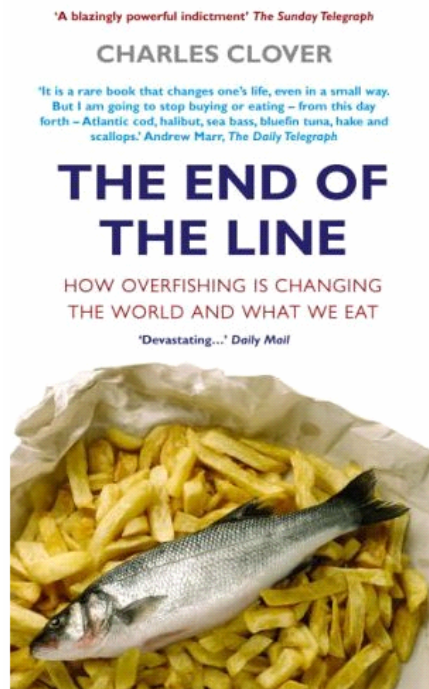
Seascape, Sargent, 1875



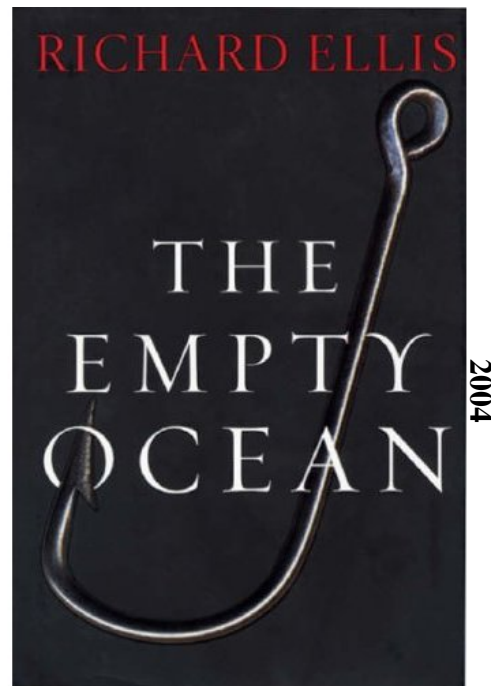
www.timesonline.co.uk/tol/news/science/eureka/article6933689.ece



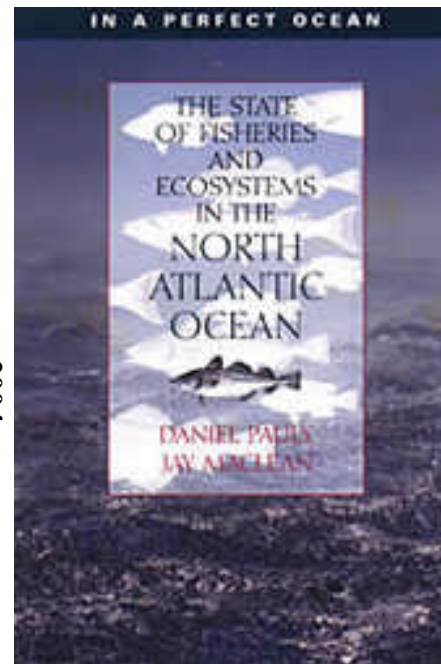
www.guardian.co.uk/lifeandstyle/2009/apr/26/seafood-overfishing



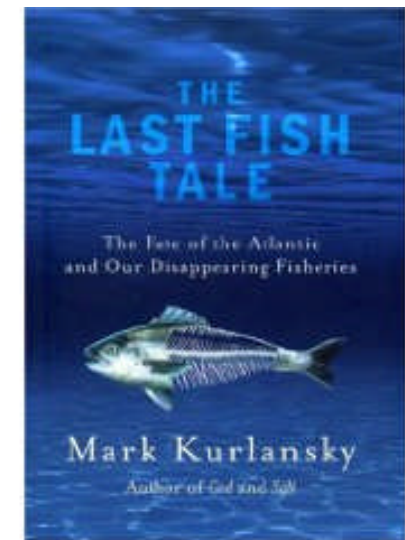
2005



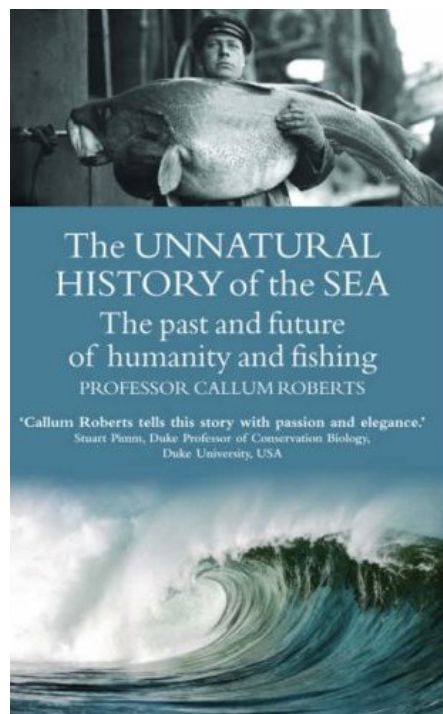
2004



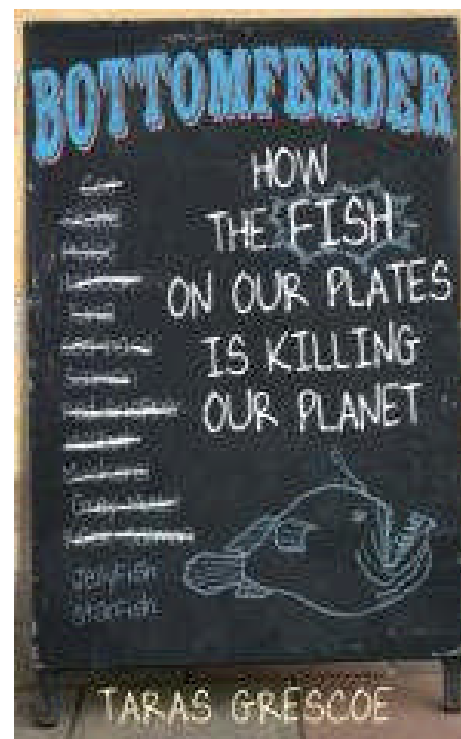
2002



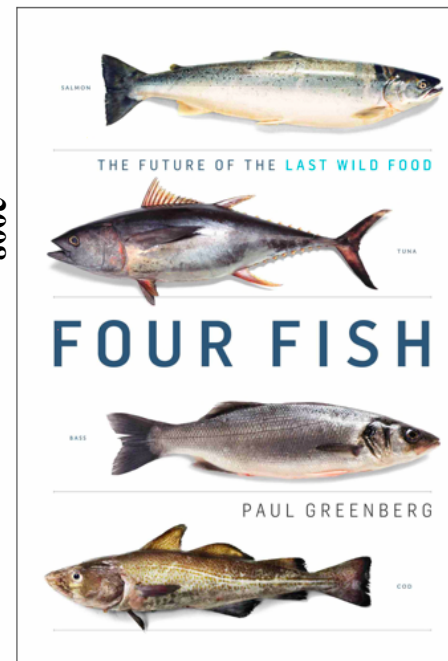
2008



2007

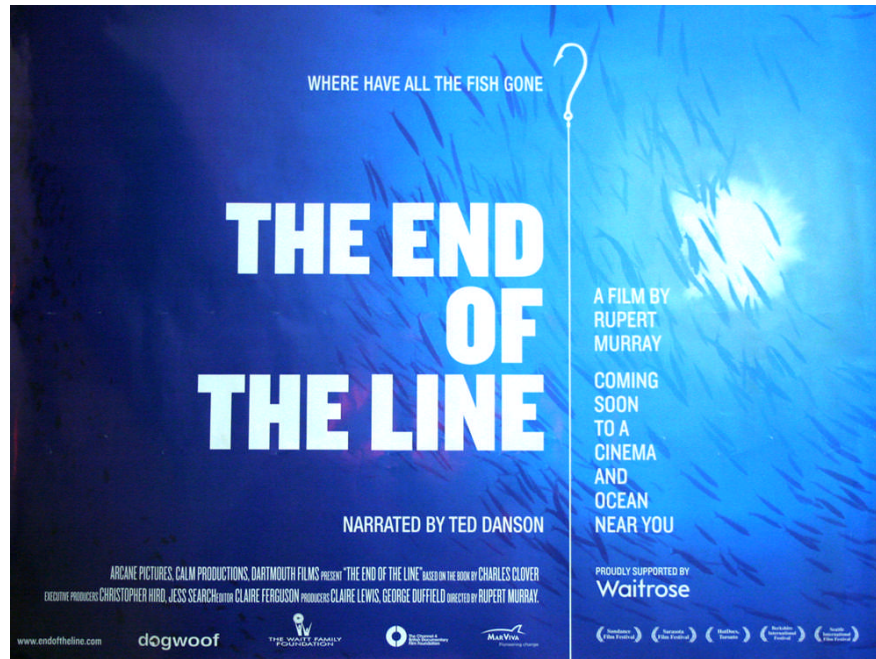


2008

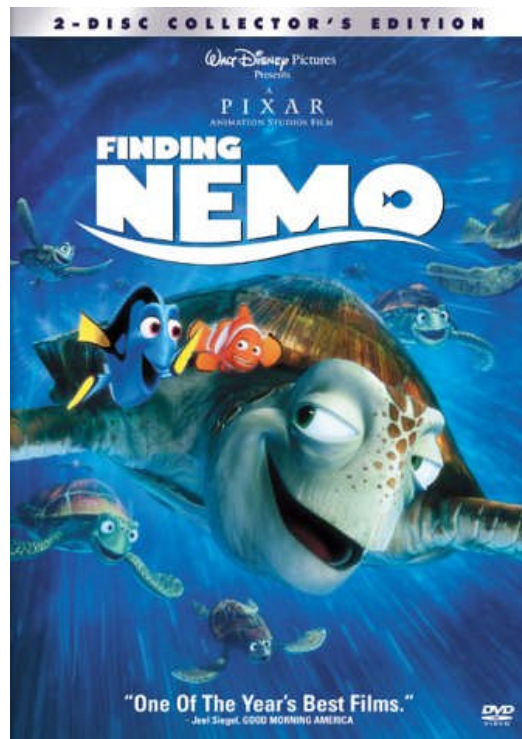


2010





© Rankin

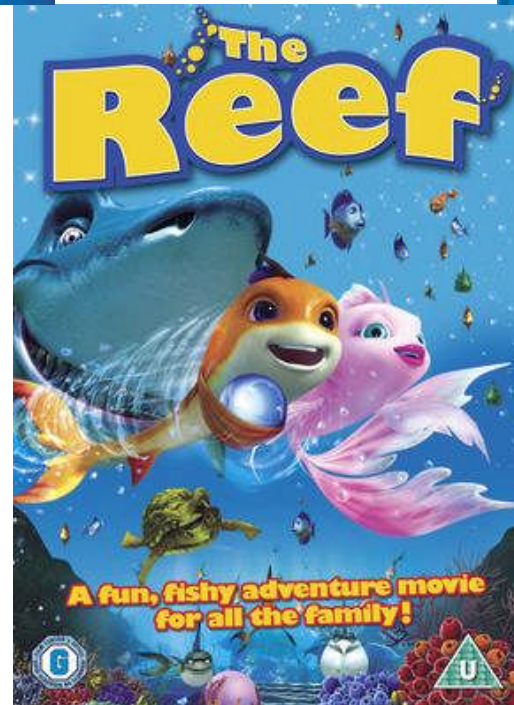


Bambi
at sea?

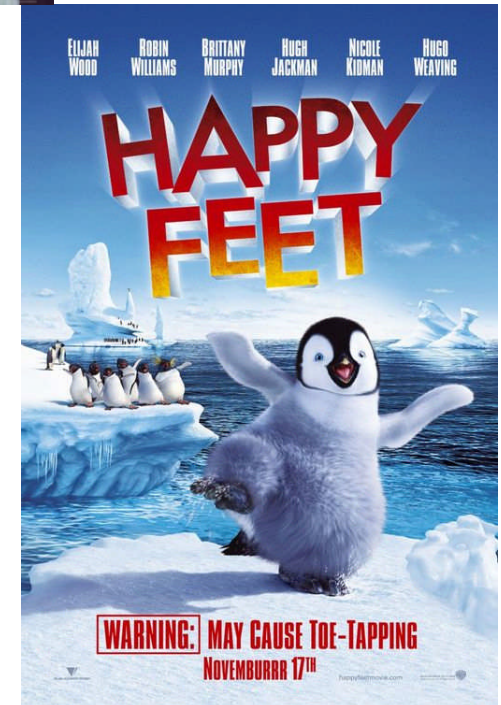


Whitley D (2008)
*The idea of nature in
Disney animation.*
Ashgate

“Disney
Effect”



Cause or
Consequence?



Societal concern is extending out to sea - no longer 'out of sight, out of mind'

Such concerns will increasingly influence marine fisheries and ecosystem management discussions and decisions



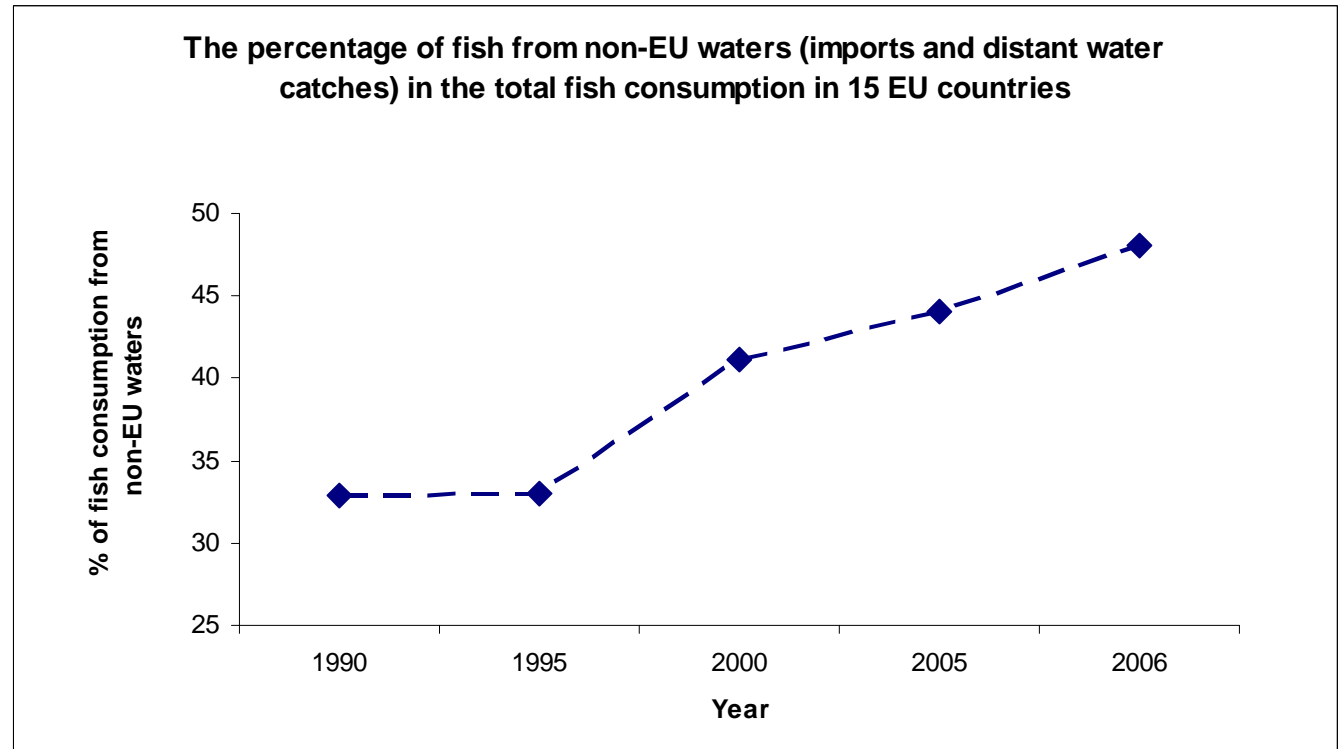
For more information about how to explore your local hidden undersea landscape, visit www.naturalengland.org.uk/campaigns/marine

Growing concerns about justice issues raised by fish imports



Fish dependence

The increasing reliance of the EU on fish from elsewhere



Based on data from http://www.ocean2012.eu/channel/view_resource/id/120427

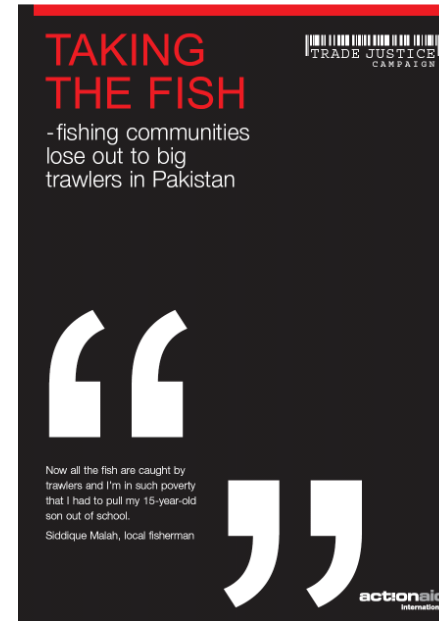
700 'Distant Water' Vessels – EU vessels fishing in developing countries
33% (1995) imports increased to 48% (2006) in 11 years: **rising ~1.4% per year.**
Quota reductions, marine protected areas (MPAs), etc coupled with increasing demand could lead to accelerated increase in fish imports from developing countries

Growing concerns over:-

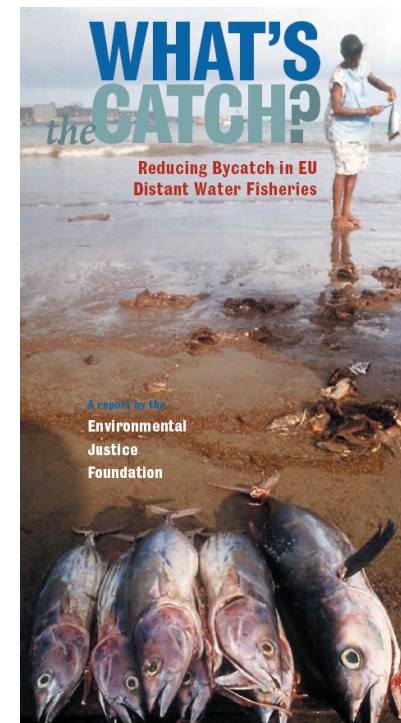
Social Justice - importing fish from poorer countries, where fish is a vital source of protein, to richer countries, where fish is a 'health food'

Environmental Justice - exporting the ecological impacts of fishing from richer to poorer countries.

Need to consider such 'distant water' justice issues in debates and measures concerning marine fisheries and ecosystem management in the EU



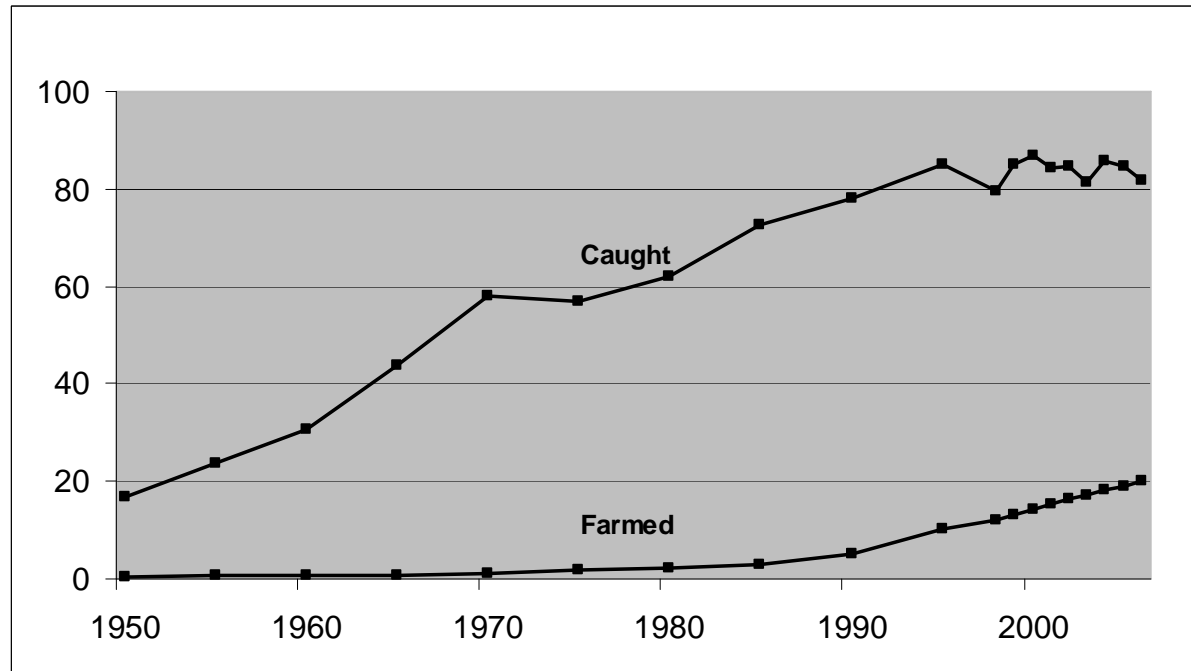
https://www.actionaid.org.uk/100810/taking_the_fish.html



http://www.ejfoundation.org/pdf/whats_the_catch.pdf

Is fish farming the answer to concerns about overfishing?

Global marine fish catch and aquaculture 1950-2006 (Mtonnes)



Source – Food and Agriculture Organisation FISHSTAT Plus database and Brunner et al. (2009 [doi:10.1093/ije/dyn157](https://doi.org/10.1093/ije/dyn157))

**Until fishing and fish farming are ‘decoupled’,
fish farming will exacerbate rather than
address global fish supply concerns**



www.seafriends.org.nz/issues/fishing/paul0.htm



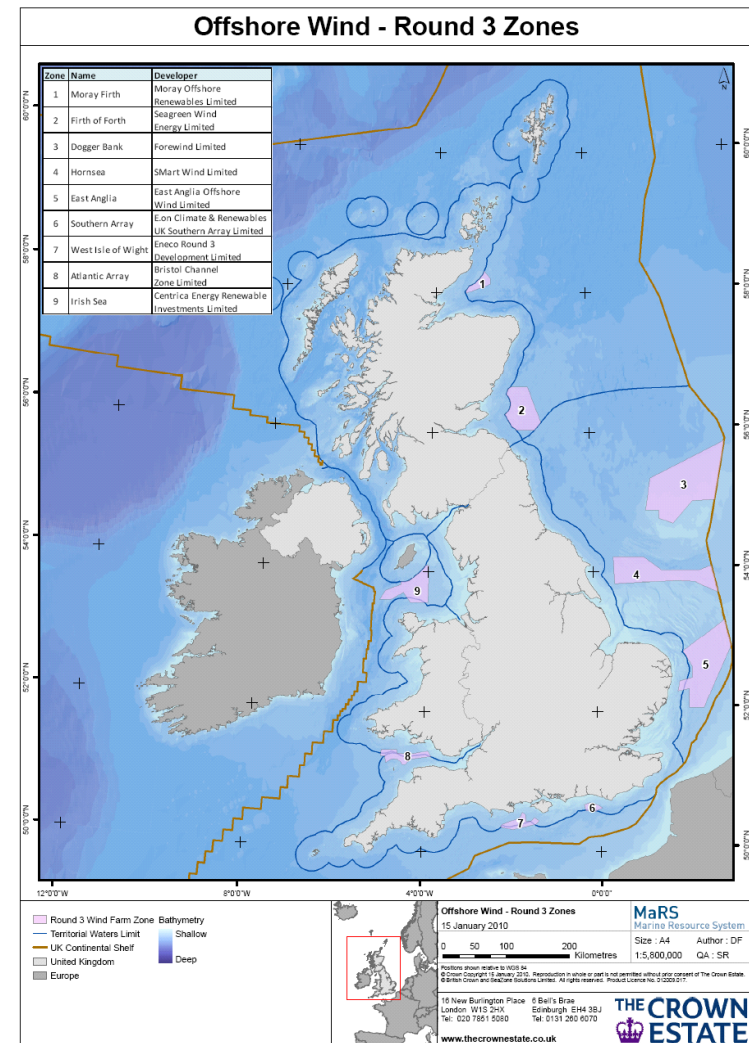
Marine Spatial Planning (MSP) is currently being preceded by an *ad hoc* ‘race for space’

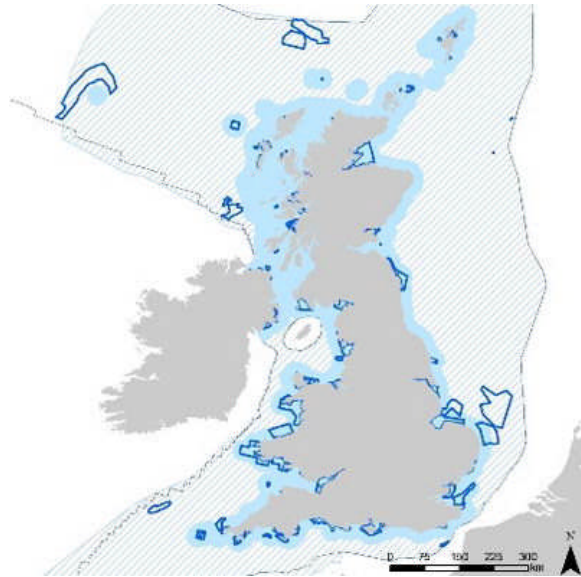


2010: 1GW
~0.75% UK electricity demand

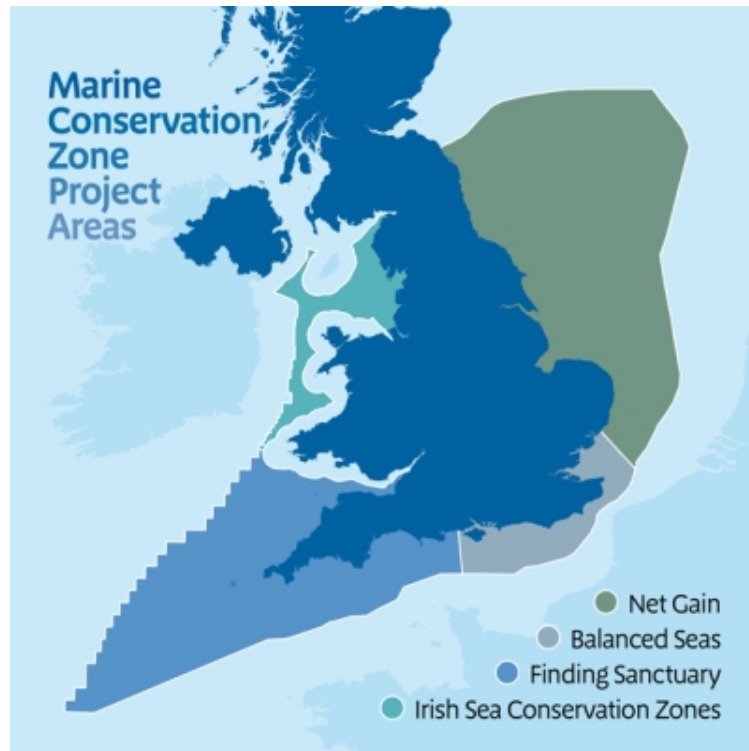
32GW planned by 2020: ~25% UK electricity demand

<http://www.thecrownestate.co.uk/newscontent/92-r3-developers.htm>





94 SACs (European legislation)
Covering 3.4% UK waters
and further designations
forthcoming



National network of MCZs currently
being designed: ~20% UK waters?

MSP due to be implemented ~2012

**By then, much marine space will
already have been allocated?**

MSP – likely to be proactive ‘plan-led’ or reactive ‘consents-led’?



IPC?

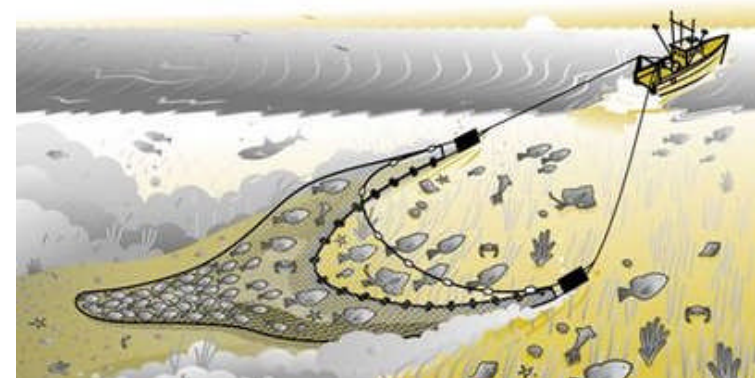
**Beyond MMO control:
must only have ‘due regard’ to marine
spatial plans**



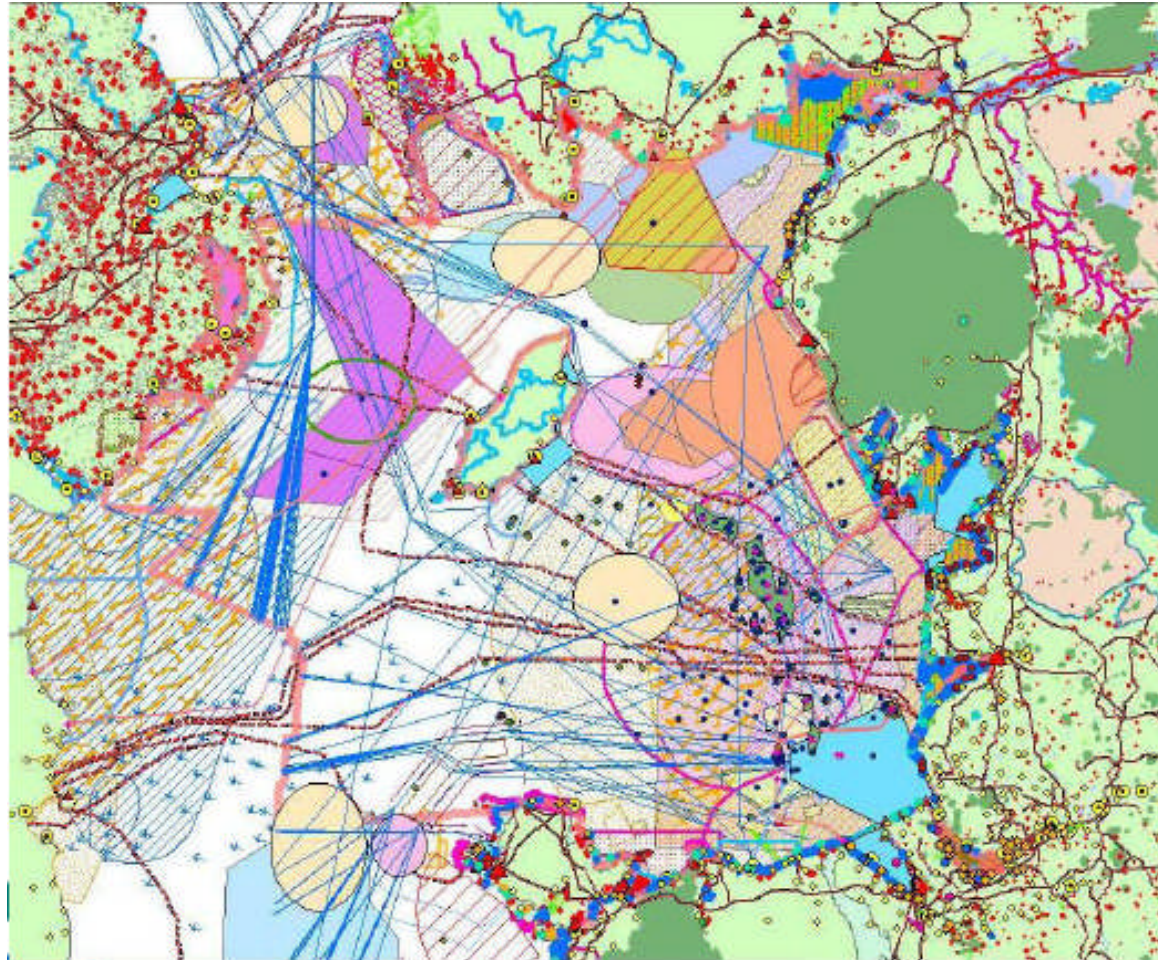
DfT, IMO



DECC



6 miles+ CFP



Given the multiple-use and dynamic nature of marine activities, MSP is extremely unlikely to be plan-led: framework for a strategic but consents-led system?

- Societal concern being extended out to sea
- Growing concerns about justice issues raised by fish imports from developing countries
- Until fishing and fish farming are ‘decoupled’, fish farming will exacerbate rather than address global fish supply concerns
- Marine Spatial Planning (MSP) is currently being preceded by an *ad hoc* ‘race for space’
- MSP is extremely unlikely to be plan-led: framework for a strategic but consents-led system