

Lyme Bay and Socio Economics: Lessons from Practice

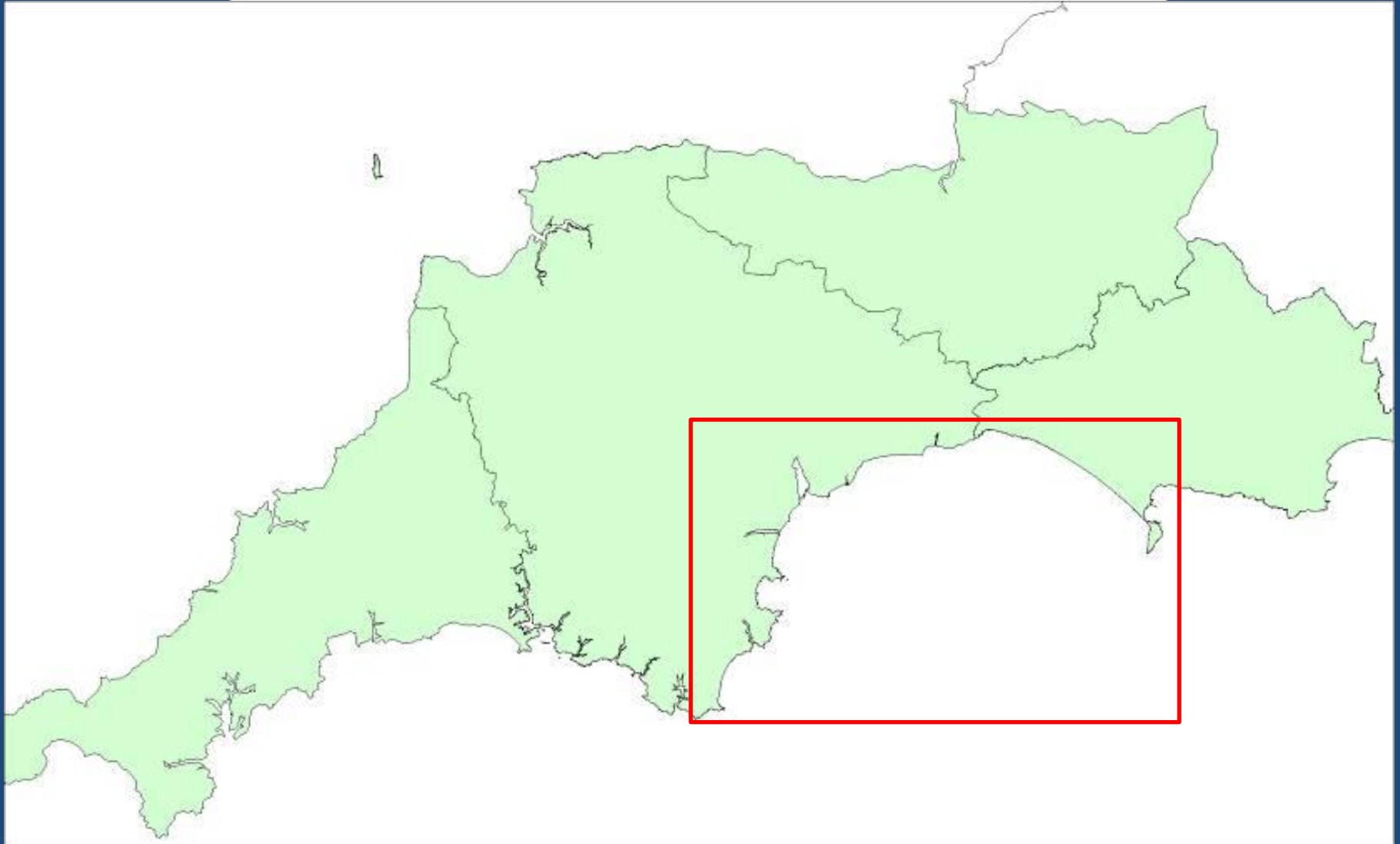


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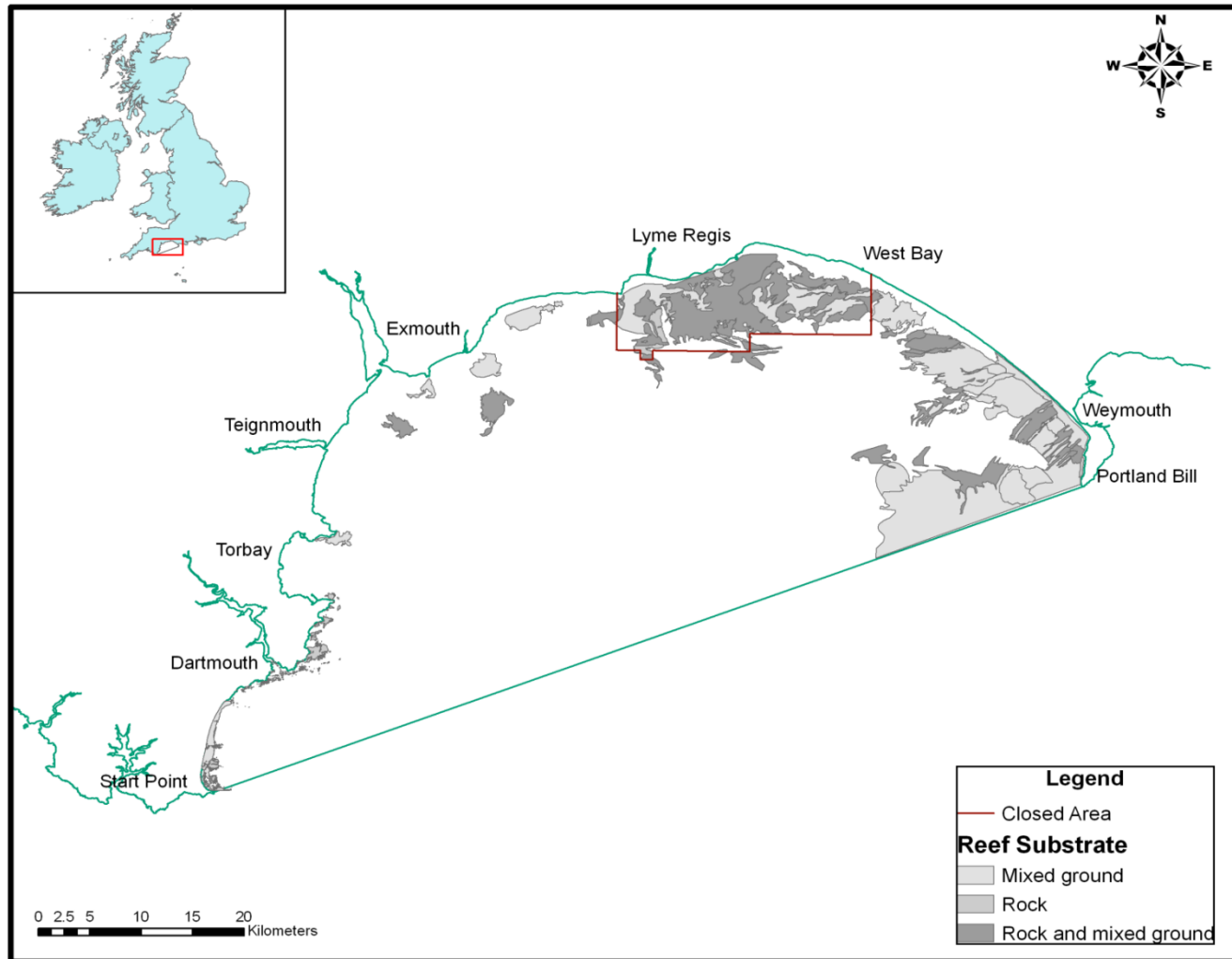
Lyme Bay



Rich and Biologically Diverse



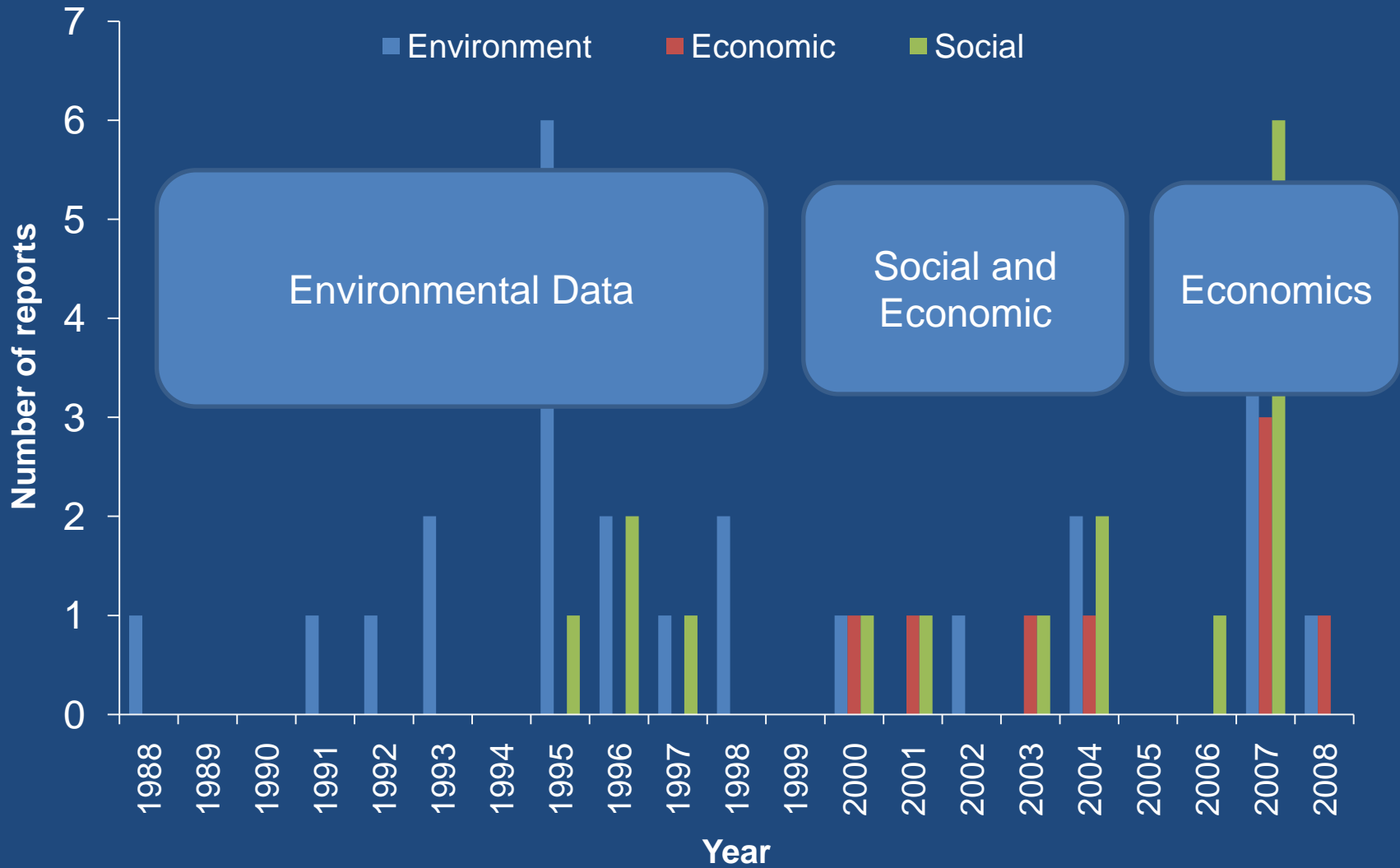
'The Lyme Bay Designated Area (Fishing Restrictions) Order 2008



20 Years and 34 Reports

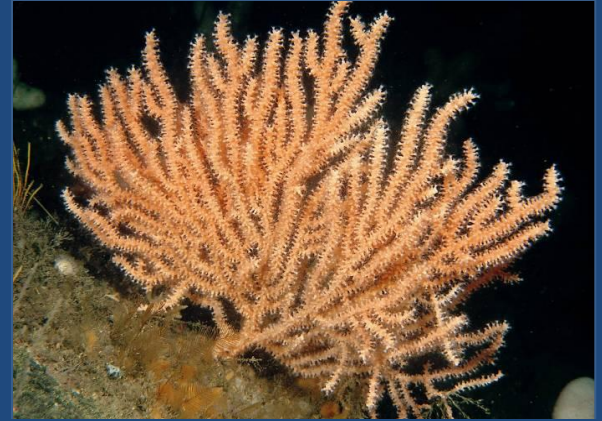
- **Environment.** Reports which classify and describe the species and habitats of Lyme Bay and their interaction with the environment. This theme also includes studies which assess impacts to biodiversity;
- **Economic.** Reports which define the distribution and consumption of marine resources in monetary terms, and
- **Social.** Reports which study resource use interactions between stakeholders and provide recommendations for the sustainable management of the marine environment.

Themes of Lyme Bay Reports 1988 - 2008



Environmental Data 1988-1999

1988 – The Lyme Bay Reefs ‘Area of Conservation Interest’



1995 – The circalittoral limestone and shale ridges support particularly rich communities

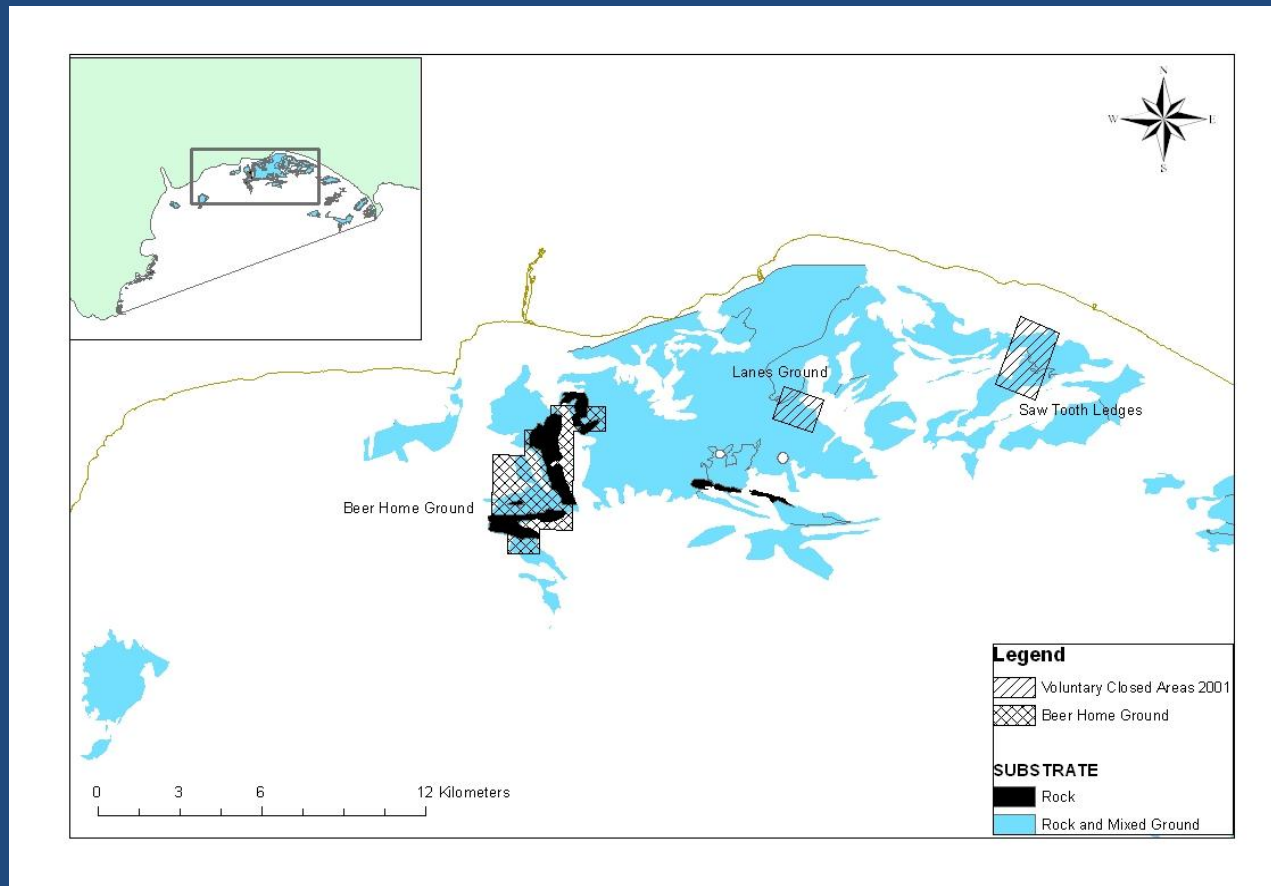


1995 - A ‘Sensitive Marine Area’

1997 – A ‘Prime Biodiversity Area’



2000-2006 Incorporating Social and Economic Data (1)



2000 Lyme Bay Reefs: A report on the areas fisheries

2001 Feasibility study into the management of Beer Home Ground

2000-2006 Incorporating Social and Economic Data (2)

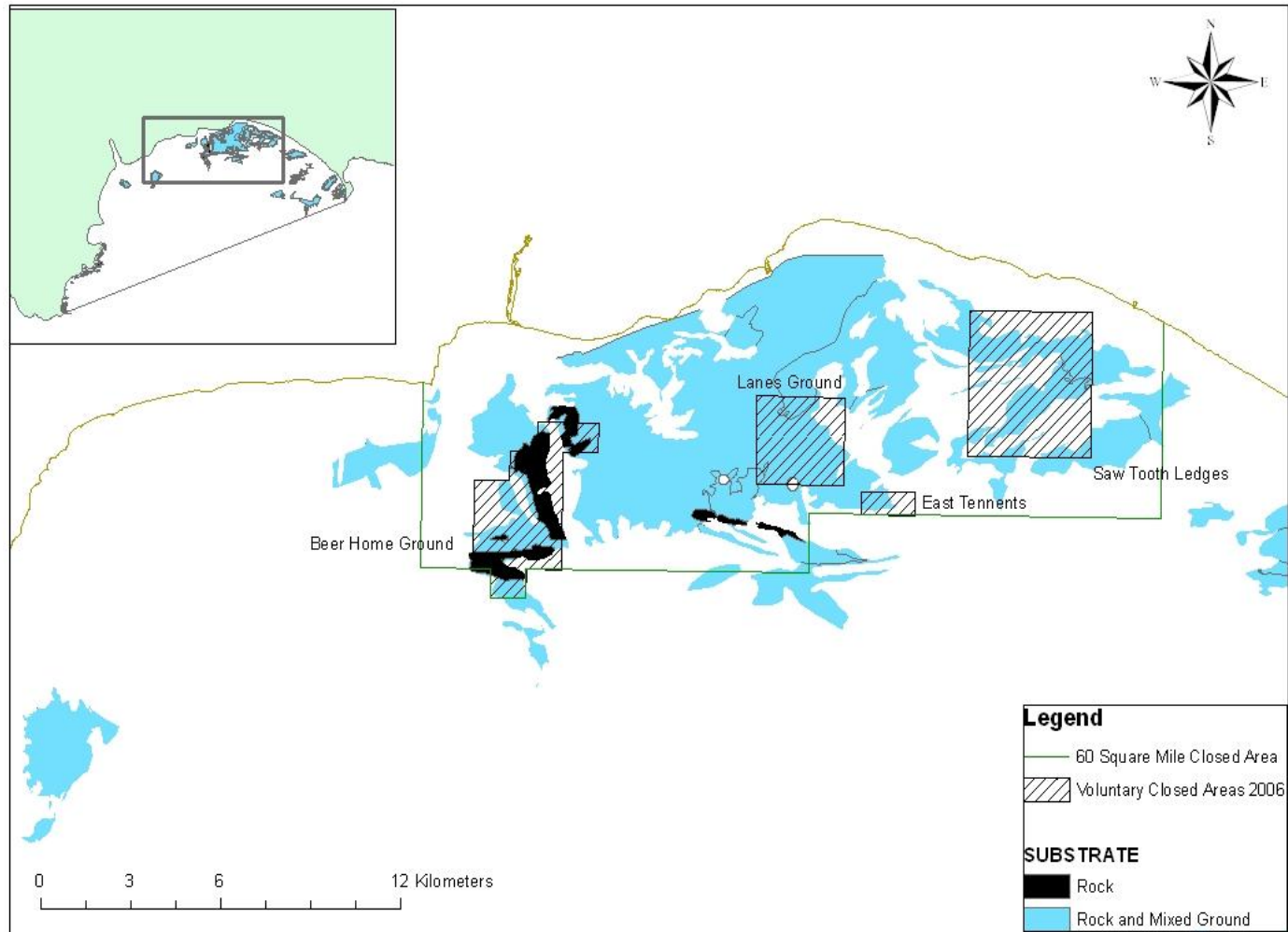


2003 The Commercial Benefits of Marine Protected Areas

2004 Sustainability from the Market

2004 The timing and settlement of scallop spat in Lyme Bay and its use as a fisheries enhancement tool

2005/2006 The Collapse of the Voluntary Agreements



2007/2008 A Focus on Economics

	Homarus (2007) ^a	Stevens et al (2007) ^b	Curtis et al (2008) ^c	MFA (2008) ^d	MFA (2008) ^e
Scalloping	£162,000 -187,000	£1,848,557	£3,000,000	£2,399,836	£2,680,000 (1.68m scallop landings)
Potting	£177,000	£1,992,916			
Fin fisheries		£7,668,102			
Diving	£85,000	£1,098,411			
Angling	£247,000				
Charter boats		£2,140,000			
a	Value of activities in the closed area [4]				
b	Value of activities in Lyme Bay [5]				
c	Value of activities in the closed area [6]				
d	Value of activities in the closed area. Combined scallop and other demersal towed gear landings [7]				
e	Revised value of activities in the closed area following interviews with local MFA officers [7]				



Regulatory Impact Assessment

108 Unique responses. 70% in favour of a 60 square mile closure.

Wildlife Trust Campaign – a social value?

- 3000 -E-petition
- 41 – Standard letter
- 7751-Postcards



Key Issues

- Socio –economics is a broad area of research. Open to interpretation.
- How much information is needed?
- Monetary values. A political tool to influence policy?
- Manage stakeholder expectation.
- The socio –economic impacts of a policy decision must be part of a long term monitoring programme. It is the change in value that we should be interested in.

<http://www.research.plymouth.ac.uk/lymebaymonitoringprogramme/default.htm>



With thanks to:

