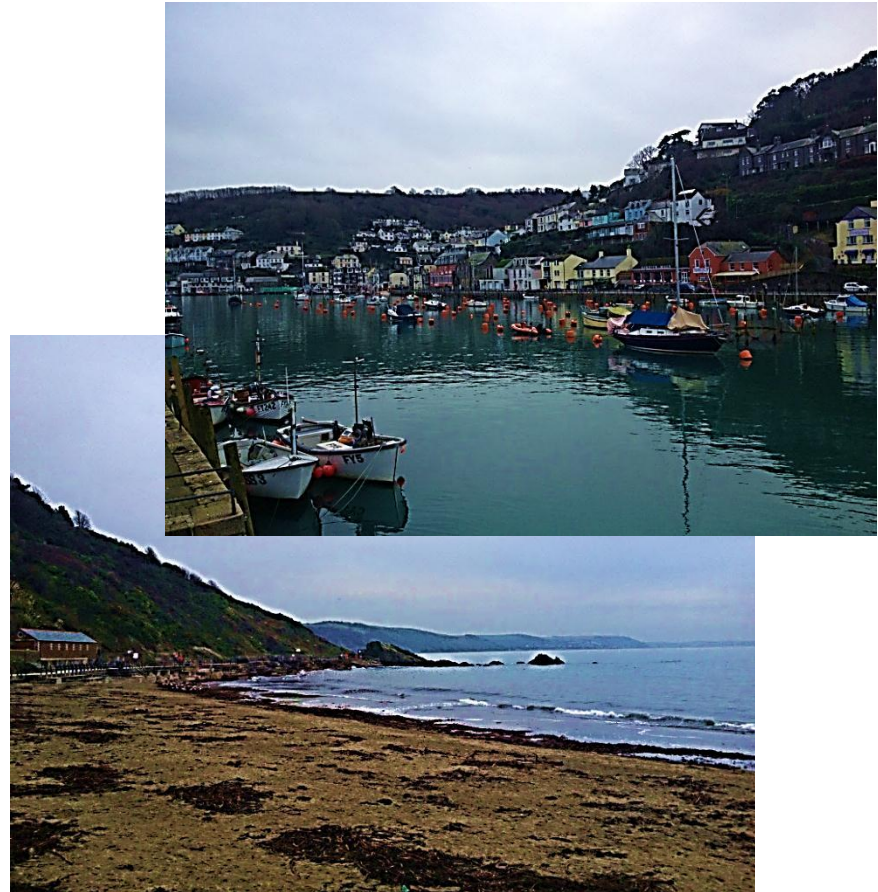


# Influencing management using ecosystem service valuation

Presentation to the  
Plymouth - Fowey case  
study  
T&F Group Meeting

15<sup>th</sup> May 2013



**MARINE &  
COASTAL POLICY  
WITH  
PLYMOUTH  
UNIVERSITY**



# Overview:

- Who we are
- Our research
- Relationship to the Plymouth to Fowey case study site



# Who we are

Project partners that are leading this aspect of the project are:

**MARINE &  
COASTAL POLICY  
WITH  
PLYMOUTH  
UNIVERSITY**

**UBO**  
université de bretagne  
occidentale

Plymouth University: Steve Fletcher, Gillian Glegg\*, Wendy Dodds\* & Laura Friedrich

University of Brest: Denis Bailly and Manuelle Phillipe

*\*Gill and I are part of this case study team*

# Our Research

## VALMER Work Package 4

*“Applying ecosystem service valuations to improve marine planning and management”*

Three main areas of our research:

1. Evaluating the potential that Ecosystem Service Valuation (ESV) holds for marine & coastal policy making
2. Knowledge exchange programme
3. Trialling citizen engagement in marine governance through ESV

- Our research methods include:
  - Stocktake of plans, policies & strategies
  - Literature reviews
  - Interviews
  - Surveys
- Our outputs will include
  - Advice Note on Application of ESV for Policy-Making Professionals, Best Practice Guide on Citizen Engagement
  - Exchange programme & E-learning package
  - Papers on ESV in marine governance

# Uses of ESV in marine & coastal governance

**informative use:** to raise awareness among decision makers and the public regarding the condition & value of the environment, the role and relevance of ecosystem services and potential unidentified  
... decision/management choice

**VALMER**

**Supporting & influencing  
governance processes**

... the decision making process, e.g. choices  
... sustainable and fair allocation of resources,  
... prioritisation of conservation efforts

**technical use:** to fine-tune economic instruments, e.g. to determine taxes and user fees, damage assessment to determine compensation or penalties

Adapted from: Pascal et al. 2012 and Laurans et al. 2013

# **Our relationship to the Plymouth - Fowey case study**

- Explore with you ESV's potential to support & influence marine and coastal governance
- Trialling how we evaluate ESV's 'potential' by doing empirical research at VALMER case study sites
- Reality is marine and coastal governance is complicated
- What do we mean by governance?...

# Governance Processes

## ■ Management frameworks

- the statutory side of the framework: legislation, regulation, policy, plans, strategies
- the non-statutory side: codes of conduct, MoUs, plans, strategies

## • People e.g. government, industry, academia, citizens

## ■ Mechanisms e.g. committees, partnerships, coastal fora, user groups

## ■ Capacity to participate e.g. **Influence:** skills, knowledge & information

Where and how ESV can contribute and support governance processes most successfully



# Evaluating the potential influence of ESV

- We would like to evaluate the issues associated with integrating ESV into governance
- The scenario building exercise will allow us to see the use of ESV by T&F members
- Many roles and opportunities for ESV
- In this case study there are a range of management issues
  - the potential for influence could occur in many aspects of the governance system in this case study
    - Policies, strategies, plans, approaches to management...

A future for Maritime Cornwall:  
**The Cornwall Maritime Strategy**  
2012 - 2030

August 2012

Cornwall  
**IFCA**  
Inshore Fisheries and Conservation Authority



THE NATIONAL TRUST

Shifting shores in the South West  
Living with a changing coastline

Cornwall  
**Area of Outstanding Natural Beauty**  
Safeguarding our landscape's beauty & benefits for future generations

**Management Plan**  
2011 - 2016

Adopted by Cornwall Council 16 February 2011

**Looe**  
Voluntary Marine Conservation Area

Environment Agency

**investing for the future**

Flood and coastal risk management in England  
A long-term investment strategy

**Fowey Estuary Management Plan**

**FOWEY ESTUARY**  
PARTNERSHIP  
Looking After The Environment



**Fowey Estuary Partnership**

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Email: janesmith@foweyharb

Jane Smith MSc, BSc (Hons)  
Sally Porter BSc (Hons)

1997 Fowey Estuary Management Plan - Jane Smith & Emma Burfoot BSc (Hons)

**Tamar Estuaries Management Plan**

2013-2018  
Tamar Estuaries Consultative Forum  
October 2012

**Cornwall and Isles of Scilly Shoreline Management Plan Review**  
Sub-cells 6d, 6e, 7a, 7b  
Rame Head to Hartland Point and the Isles of Scilly

The Council of the Isles of Scilly

Cornwall Council lead authority on behalf of Cornwall and Isles of Scilly Coastal Advisory Group (CISGAG)

February 2011  
Final Report  
9T801

Cornwall and the Isles of Scilly  
Shoreline Management Plan Review

ROYAL MASKING

Natural England Commissioned Report NECR105

**An Approach to Seascape Character Assessment**

Natural England Commissioned Report NECR108

**Identifying best practice in management of activities on Marine Protected Areas**

are often close together and therefore take a risk to the environment and prevent help households

Final published 11 October 2012

www.naturalengland.org.uk

Final published 05 December 2012

www.naturalengland.org.uk

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