

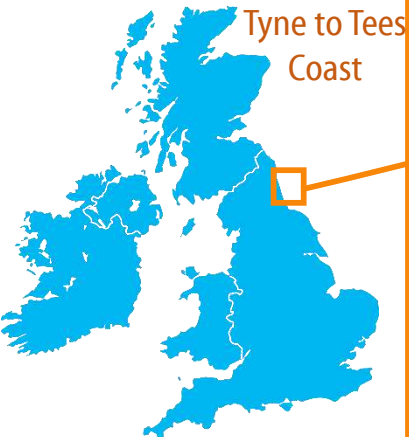
# Shaping the Future, Conserving the Past

## An Introduction to the UK's First "Seascape Partnership Scheme"

Funding raised by  
**The National Lottery**  
and awarded by the Heritage Lottery Fund

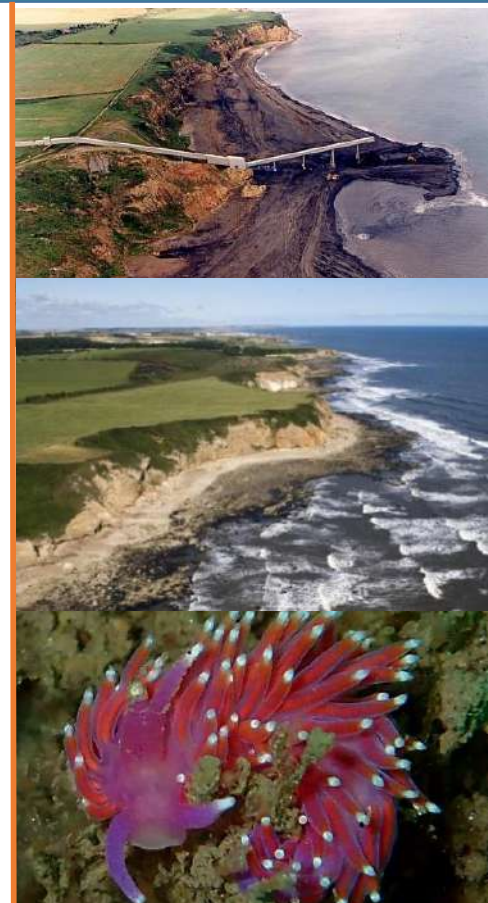


**SeaScapes**  
Tyne to Tees Shores and Seas



### HERITAGE RICH SEASCAPE

- Common geology
- Common industrial past
- Common wartime experience
- Common culture
- Common natural features



**Veronica Rudd, SeaScapes Partnership**  
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#ExploreSeaScapes  
[www.exploreseascapes.co.uk](http://www.exploreseascapes.co.uk)

 @tynetotees



## Builds on

- North East Marine Planning process
- England Coast Path partnership

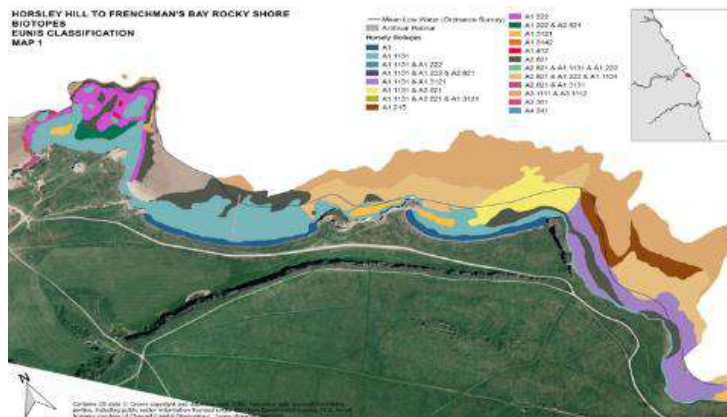
## Community Engagement

- People at the heart of the scheme
  - To identify local needs and ambitions

## Surveys & Assessments

e.g.

- Intertidal Rocky Shore Survey
- Historical & Cultural Assessment
- Condition Survey
- Evaluation Framework  
'Theory For Change'
- Seascape Assessment



To be  
synthesised  
and  
summarised  
into bid -  
submit  
**Summer 2019**



SeaScapes  
Tyne to Tees Shores and Seas



# WHAT & HOW

Funding raised by  
**The National Lottery**  
and awarded by the Heritage Lottery Fund



## AMBITION

**Heritage**, whether built, cultural or natural, will be

- better recorded,
- better managed and in
- better condition.

**Coastal communities** will be

- better engaged with their rich heritage,
- better access to this amazing coast.

## Proposed Projects:

From **shorebirds** to **shipwrecks** e.g.

- Wreck, water & shore activities
- Citizen Science
- Beach Care
- Recording memories through Oral Histories

**From 2020**

**£5 million over 4 years**



**Step into the future ...**

**Veronica Rudd, SeaScapes Partnership**  
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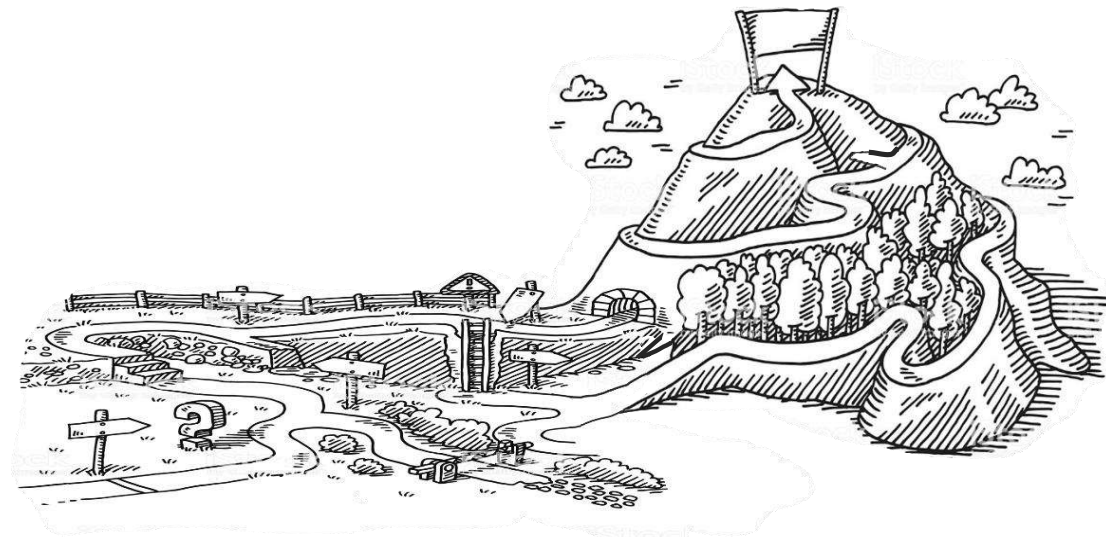
# Enhancing knowledge exchange and encouraging collaborations to support marine and coastal management

Multi-disciplinary, multi-sector management issues

BUT why collaborate?

Online questionnaire  
Follow-up interviews  
Series of workshops

Identify issues and opportunities  
Develop solutions



**Dr Katherine Yates**

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@Yates\_KL

@EERCSSalford

# What we've learnt so far

## Incentives

- REF and Impact Case Studies
- Research outputs are more 'useable'
- Learn about policy process and how to influence it
- Avenue for getting science 'into' policy
- Desire to make a difference
- New research opportunities
- Resources: letters of support, funding, data, expertise
- Increased awareness of broader context, different perspectives and complimentary activities

## Barriers

- Not knowing who to contact
- Not knowing what 'they' want
- Time constraints
- Lack of appreciation of how research/academia operates
- Lack of internal recognition for this type of collaboration
- Differing agendas, research priorities & time frames
- High staff turnover (in government organisations)
- Lack of/inadequate funding to complete work

# What's next

Collaboration is not straightforward, requires investment over extended timeframes and is hindered by both individual and institutional barriers that often overwhelm incentives.

Our next steps are 1) explore how barriers and incentives effect individuals differently and 2) look for solutions.

Modify and develop processes to enhance understanding between communities and improve mechanisms for collaboration.

Get involved!



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# Agents of Change: Making Marine Conservation Zones Matter

Alice Tebb, Marine Conservation Society, [alice.tebb@mcsuk.org](mailto:alice.tebb@mcsuk.org) @mcsuk



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**ECONOMICS**  
FOUNDATION

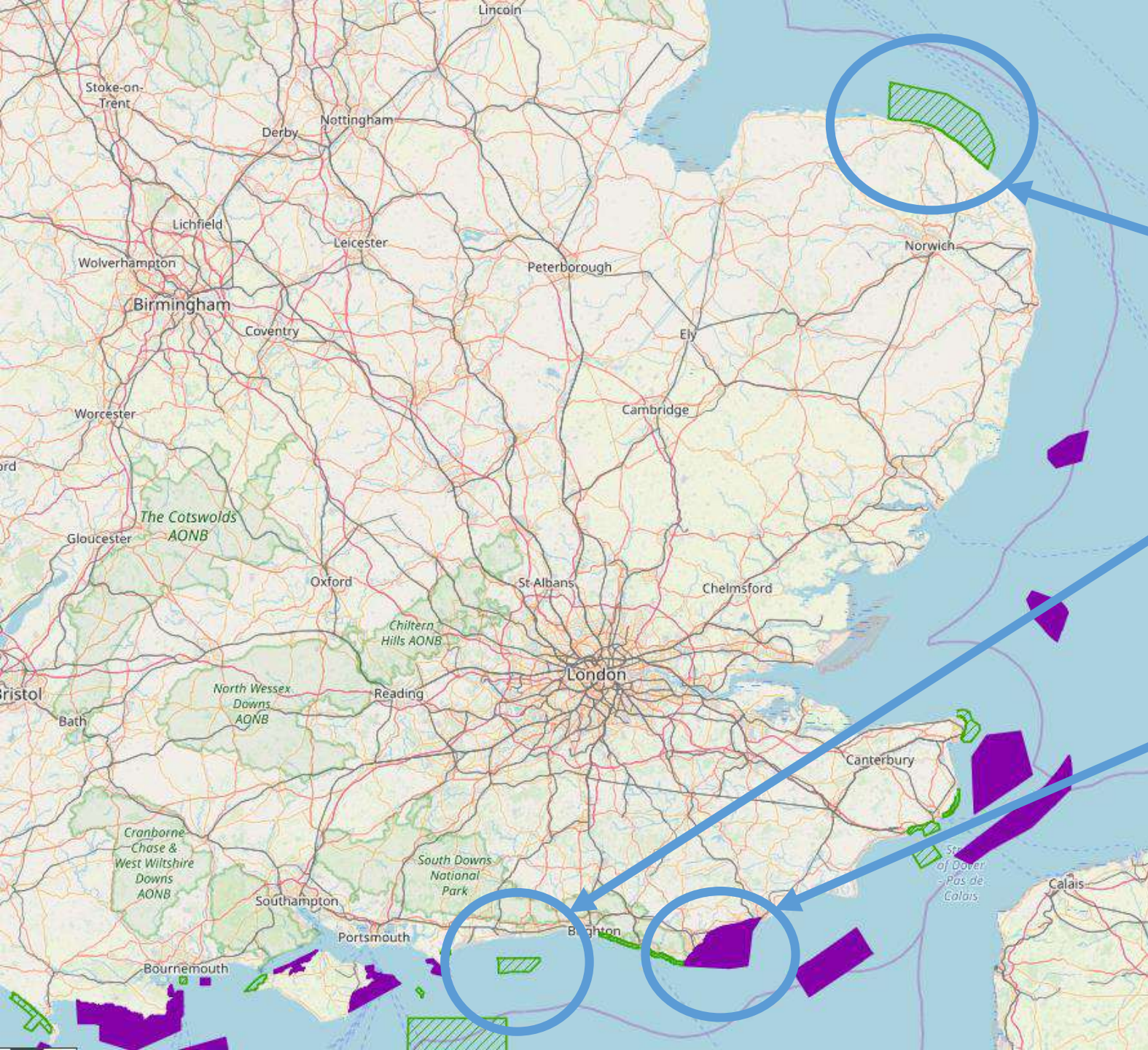
 **FAUNA & FLORA**  
INTERNATIONAL

 **marine**  
conservation society

Marine  
CoLABoration 

 **CALOUSTE GULBENKIAN**  
FOUNDATION





Cromer Shoal Chalk Beds MCZ  
(2016)

Kingmere MCZ (2013)

Beachy Head East rMCZ  
(2019?)



# Agents of Change: Making Marine Conservation Zones Matter

Alice Tebb, Marine Conservation Society, [alice.tebb@mcsuk.org](mailto:alice.tebb@mcsuk.org) @mcsuk

## 1. Ask the community...

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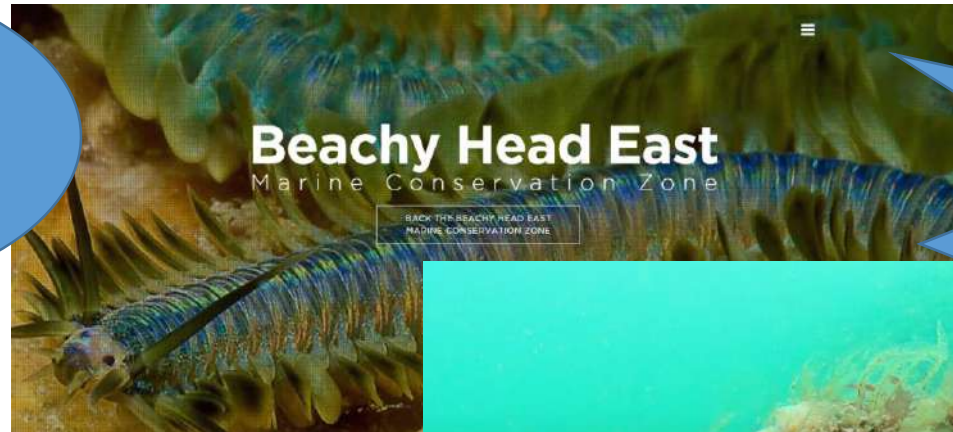


What does your MCZ already do for you? What can you do for your MCZ?

Our vision is...  
We can get there by...  
We can already do...  
We need help with...



## 2. Co-create locally-focused information and learning...



Take a values-based approach to make information relevant

## 3. Empower local 'Agents of Change' to make MCZs matter!

*'The (Cromer Shoal Chalk Beds) MCZ is doing more than protecting the environment, it is bringing us together...'*

Judy, Sheringham Resident



[www.marinecolab.org](http://www.marinecolab.org) @Marine\_CoLAB supported by

CALOUSTE GULBENKIAN  
FOUNDATION

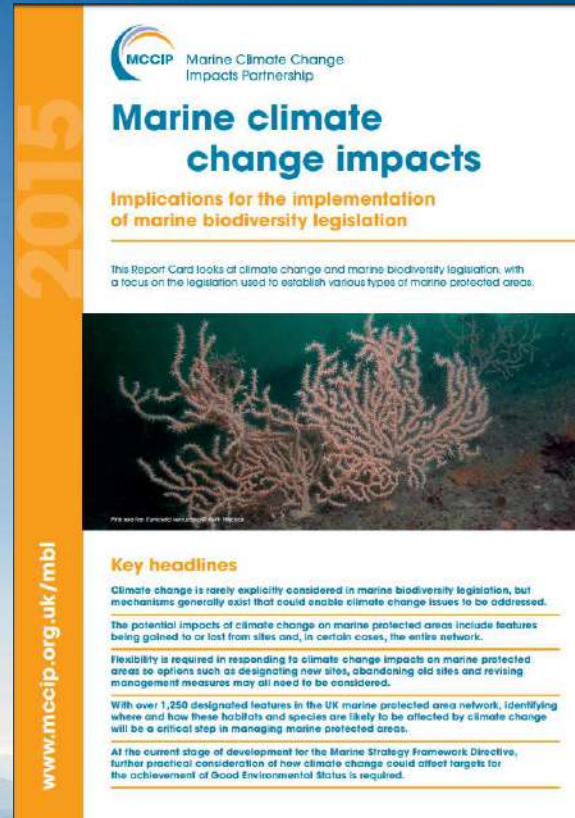
# Views from the Wheelhouse, Societal Engagement in Marine Planning

Sarah Brown, C2W Consulting, Churchill Fellowship 2018

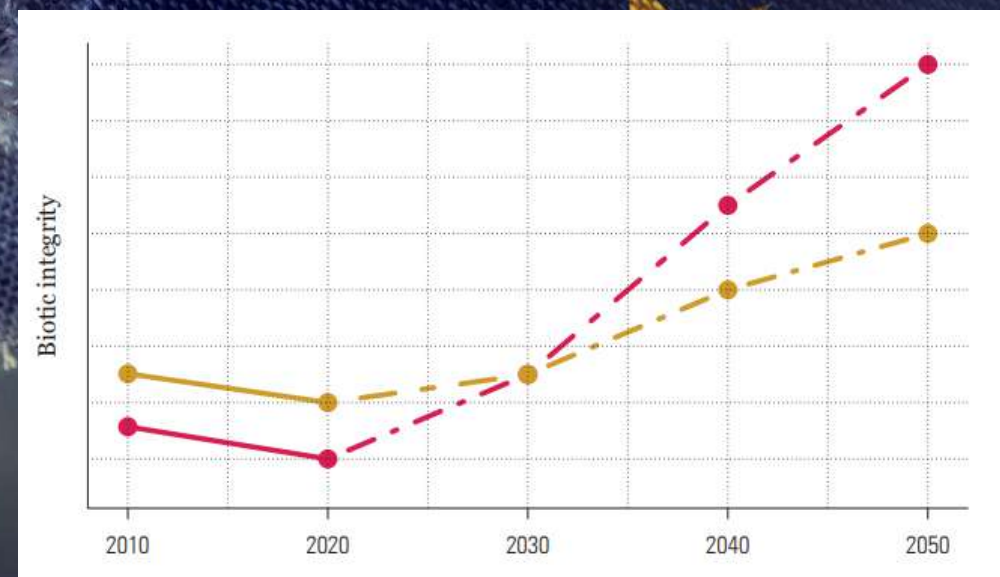
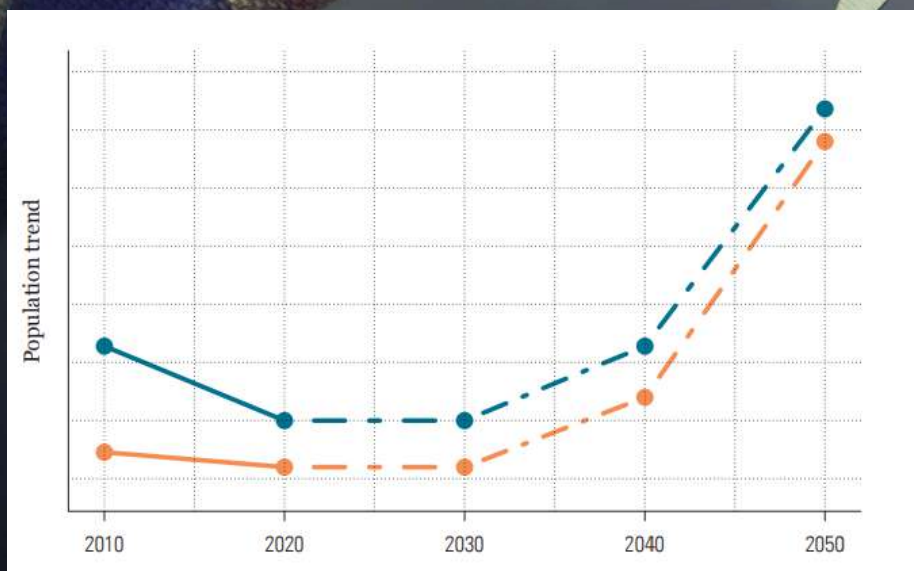
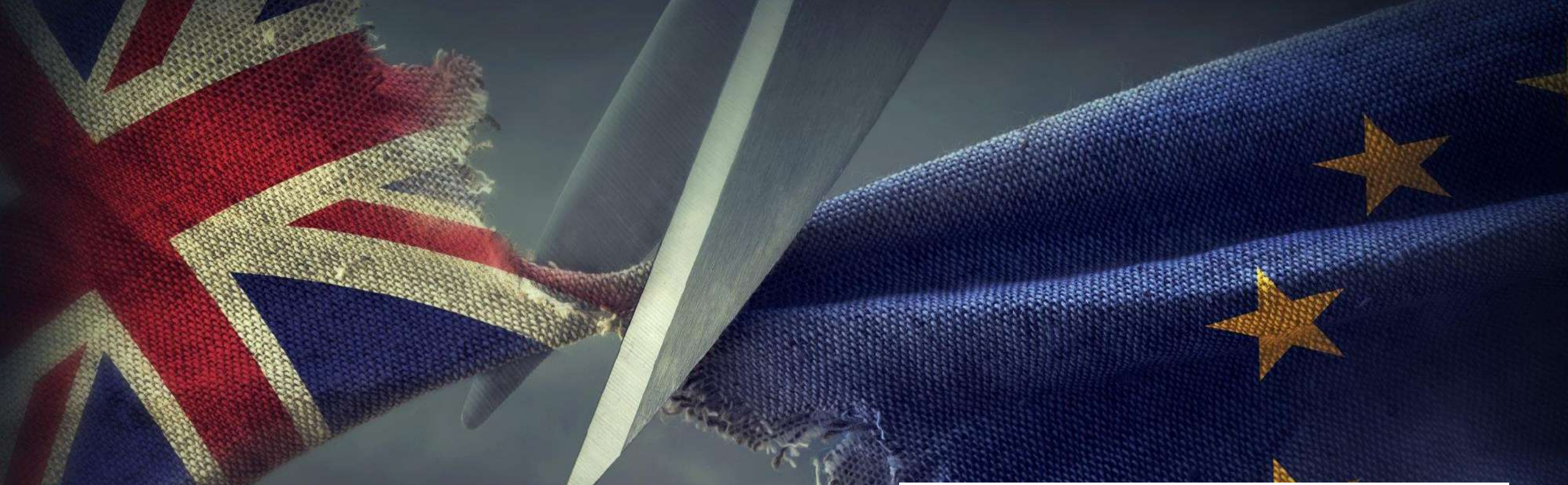
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© Danny McCaskill – The Ridge









# Views from the Wheelhouse, Societal Engagement in Marine Planning

Sarah Brown, C2W Consulting



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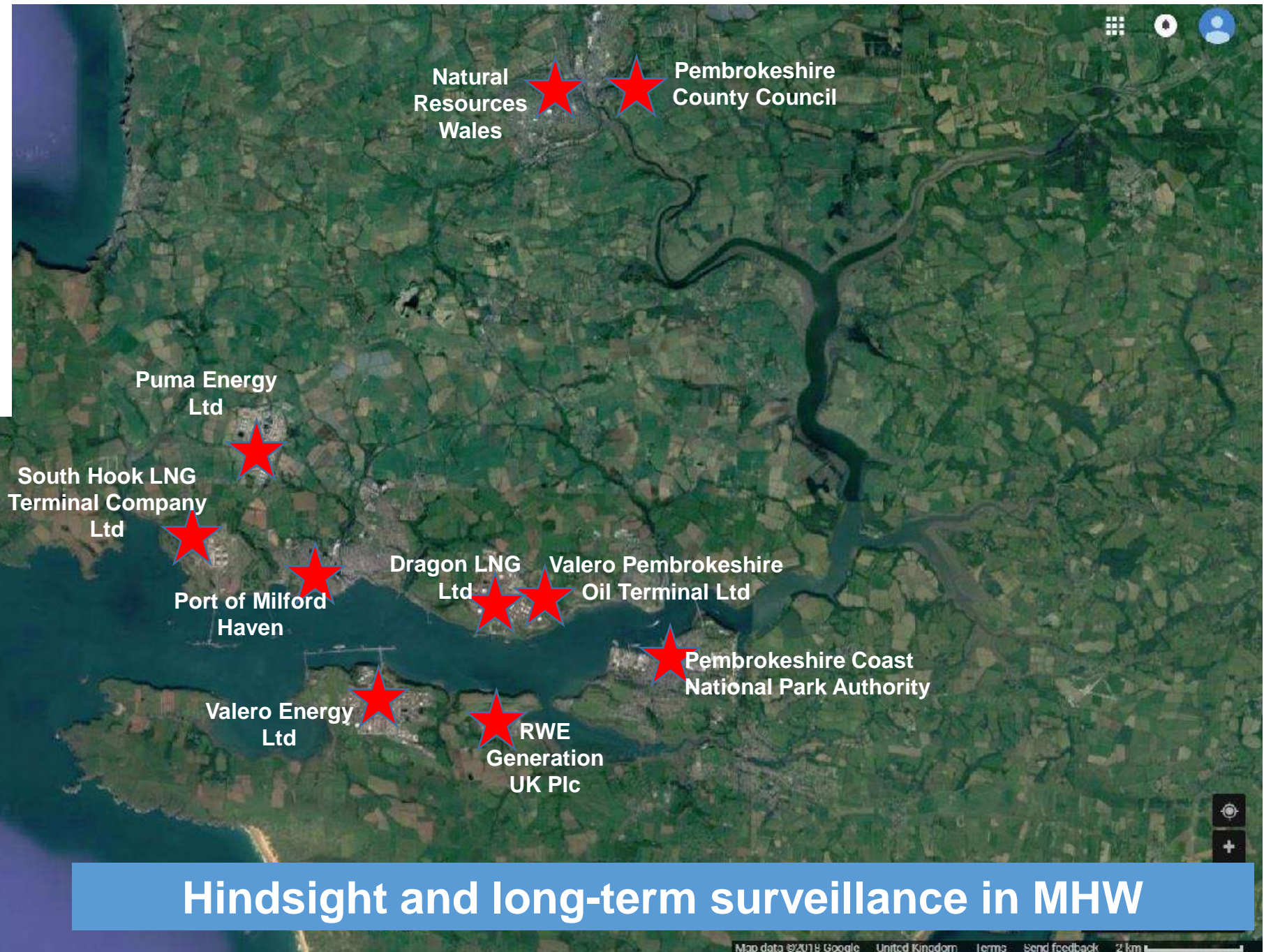


[sarah@c2w.org.uk](mailto:sarah@c2w.org.uk) : @sarahc2w : [www.c2w.org.uk](http://www.c2w.org.uk) – Winston Churchill Memorial  
Trust Fellowship, 2018





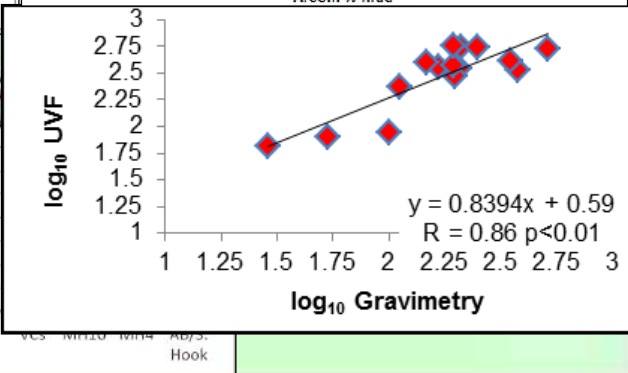
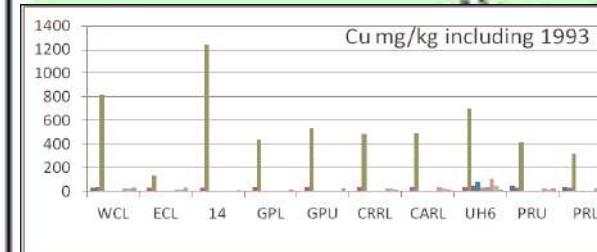
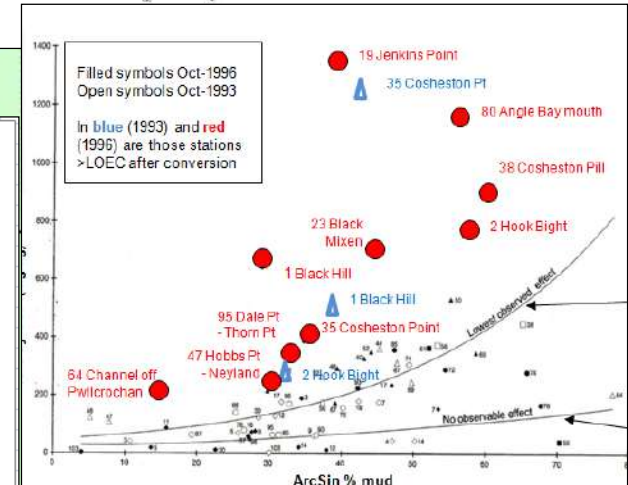
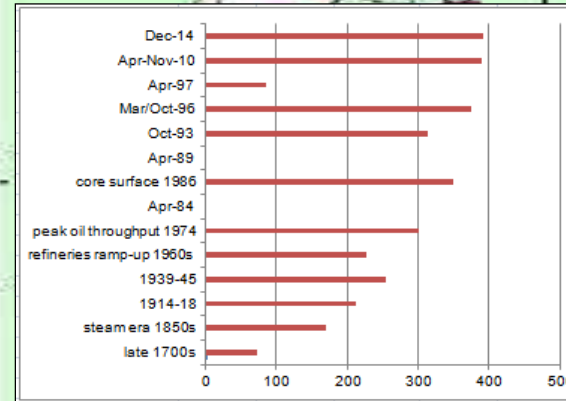
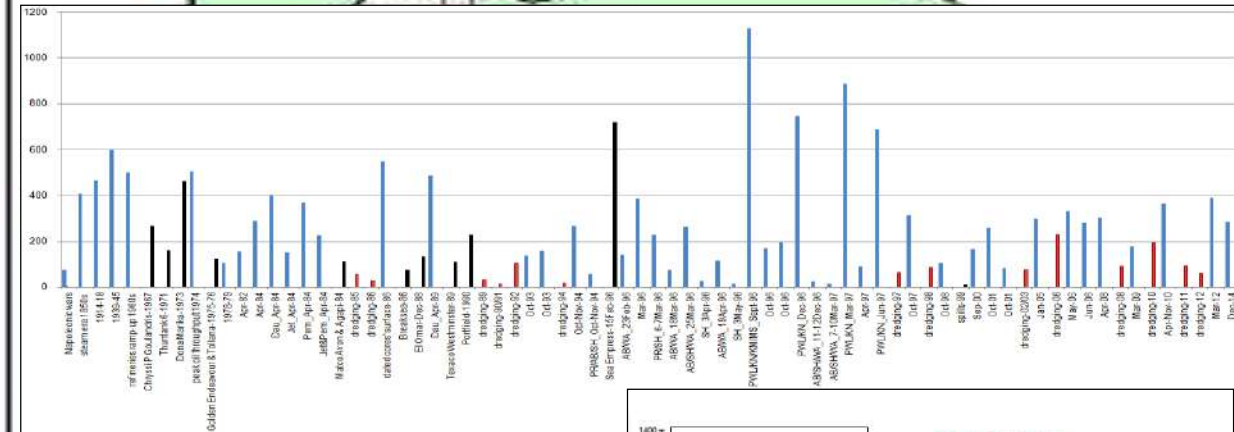
## MILFORD HAVEN WATERWAY Environmental Surveillance Group





# SEDIMENT CONTAMINANT CONCENTRATIONS IN MILFORD HAVEN WATERWAY: DATA CONVERSION AND TIMELINE

**David I. Little**  
**April 2017**







# Milford Haven Waterway Environmental Surveillance Group

[mhwesg@gmail.com](mailto:mhwesg@gmail.com)

## Global lessons from long-term chemical surveillance in the Milford Haven Waterway:

- Lab methods change over time, meaning **new data cannot always be compared directly** with the older, extensive datasets
- In order to produce a reliable baseline and timeline, **intercalibration exercises are needed** when the methods change
- For meaningful comparison of different datasets the archive of results should embed field and lab methods, **even where these are accredited**
- **Awareness of field and laboratory methods is particularly important** when datasets are used to develop baselines, trends or undertake EIAs  
**SO REGULATORS AND DEVELOPERS BEWARE!**



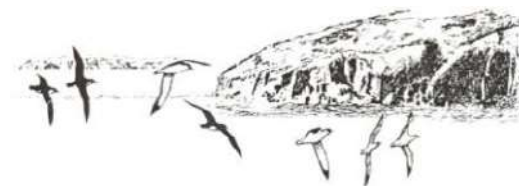
Blitz 1940



Sea Empress 1996



Survey 2014



Environmental Consultant on behalf of MHWESG - **David I. Little**

Cambridge

CB24 4RL

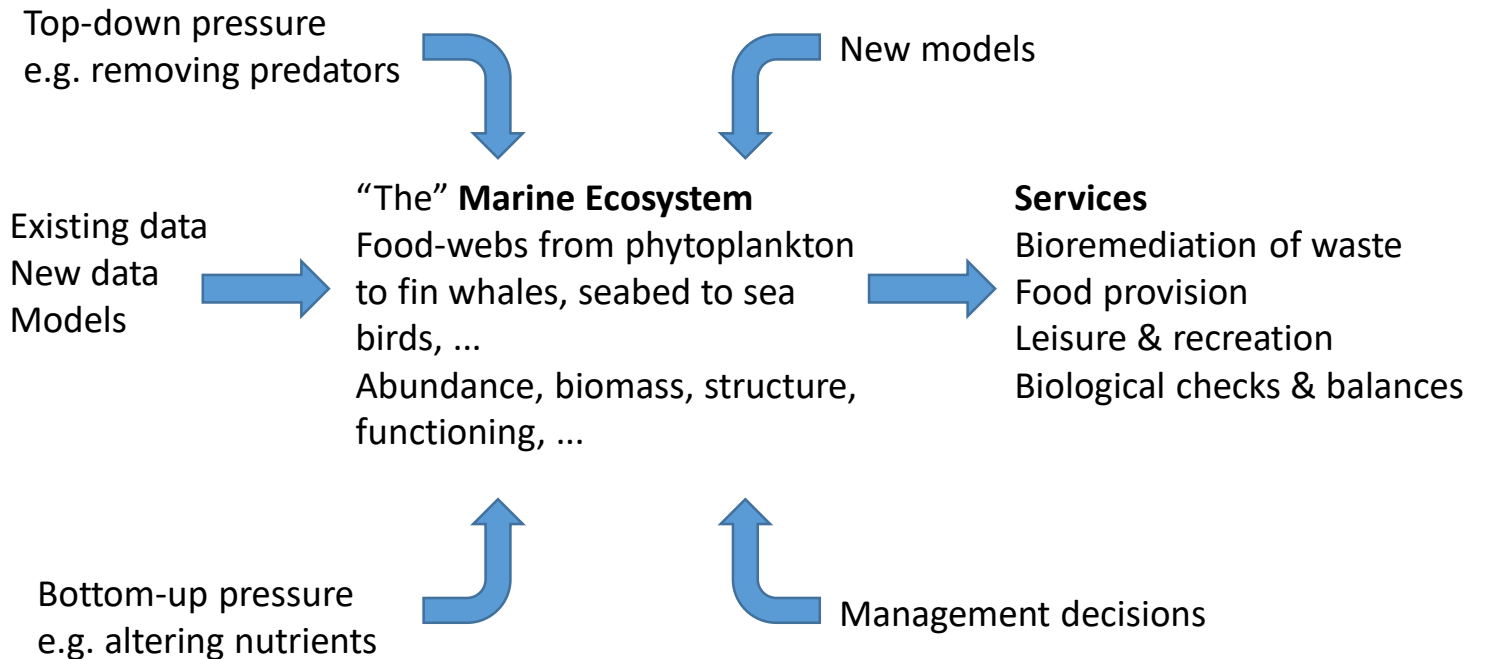
+44 (0)7977 995287

## MERP facts


- ~£6 million, 5 years, >50 researchers, 15 organisations (lead PML)

## MERP outcomes

- Policy and management
- Fish, fisheries and fishing
- Natural capital
- Modelling
- Top predators
- Trade-offs
- Cumulative effects







# Integrated science to support decisions

The Natural Environment Research Council (NERC) / Department for Environment, Food and Rural Affairs (Defra) - funded Marine Ecosystems Research Programme set out to integrate existing marine data and target new data with current models and knowledge of marine ecosystem services, in order to improve our understanding of the whole UK marine ecosystem.



# MERP - ADDRESSING POLICY QUESTIONS



Analysis of results and publication of research can continue after research programmes finish, however, already MERP has produced outputs that are or have the potential for use within the policy and/or management setting, such as in OSPAR (MSY), MSFD (GES), the new CFP, ICES, Habitats Directive, Birds Directive, as well as the recently published marine section of the report, 'A Green Future: Our 25 Year Plan to Improve the Environment'. As more papers are published and taken up by relevant stakeholders the impacts of MERP will become more widespread and influential for many years ahead. Some model contributions are included here, other less obvious but no less important model outputs and developments are reported through scientific papers - a full list is available via the MERP website.

This interactive infographic provides a broad overview of how MERP research fits with policy questions. Rolling you cursor over one of the three categories below will take you to specific questions and how MERP has addressed them.

1

The state of food-webs (or their components) in relation to specified targets.

2

Effects of natural and anthropogenic change on the state of marine food-webs and the services they provide.

3

Future state of marine food-webs and ecosystem service provision under scenarios reflecting management situations in UK waters.