



# VALUING NATURE

**Assessing current marine  
natural capital approaches and  
their applicability in England**

Contributing to the future of the 25 year  
environment plan

# Background

- BSc Biology – 2010
- Conservation NGO
  - Initial steps of a blue carbon programme
- PhD started 2014
  - Assessment of carbon storage benefit afforded from saltmarsh restoration and the resulting degree of subsidisation potential.

# Motivation for placement

## Understand.....

how science can/should best inform on policy decision/development

- *Improve the accessibility of my science*

the requirements of policy

- *How/what data is required*
- *How to package information*

how evidence is used

- *Assessment*
- *Integration*
- *Quality assurance*

the policy making environment

# Placement in a nutshell

Identify the Marine Natural Capital approaches being taken and data availability to inform on potential application in England

# Placement description

- Identify current marine natural capital approaches
  - England, UK, abroad
- Identify potential approaches with applicability in England
  - Use in the 25 year environment plan
  - Help evaluate choice/use of natural capital metrics
  - Possibility to test in the Marine Pioneers
- Identify data sets available related to marine natural capital
  - Potential limitations or gaps

# Outcomes

- Collation of current marine natural capital approaches
  - *Methods applied – location used, scale*
  - *Success rate*
- Identify opportunities for knowledge transfer to an English setting from existing natural capital approaches.
- Identify current marine natural capital metric data
  - *Availability*
  - *Spatial extent*
  - *Potential requirements for the future*

# Questions, thoughts, comments...



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