



Department
for Environment
Food & Rural Affairs

Restoration and the 25 Year Environment Plan

Linking to outcomes and driving change

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Restoring Estuarine and Coastal Habitats
in the North East Atlantic

Tuesday 16th July 2019

How often do we ask why?

Articulate
Goals



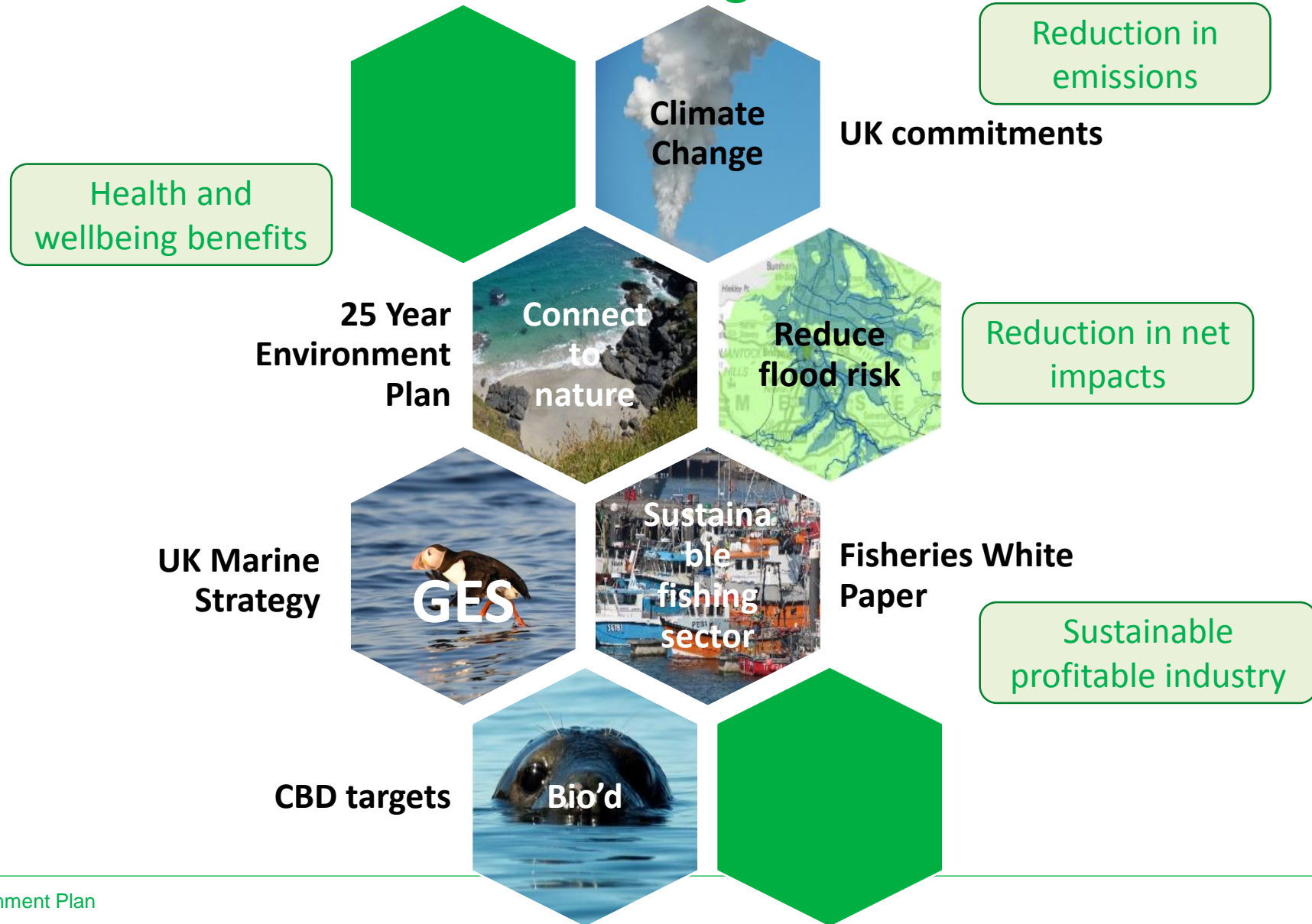
Evidence of
benefits and
trade-offs

Achieve
benefits

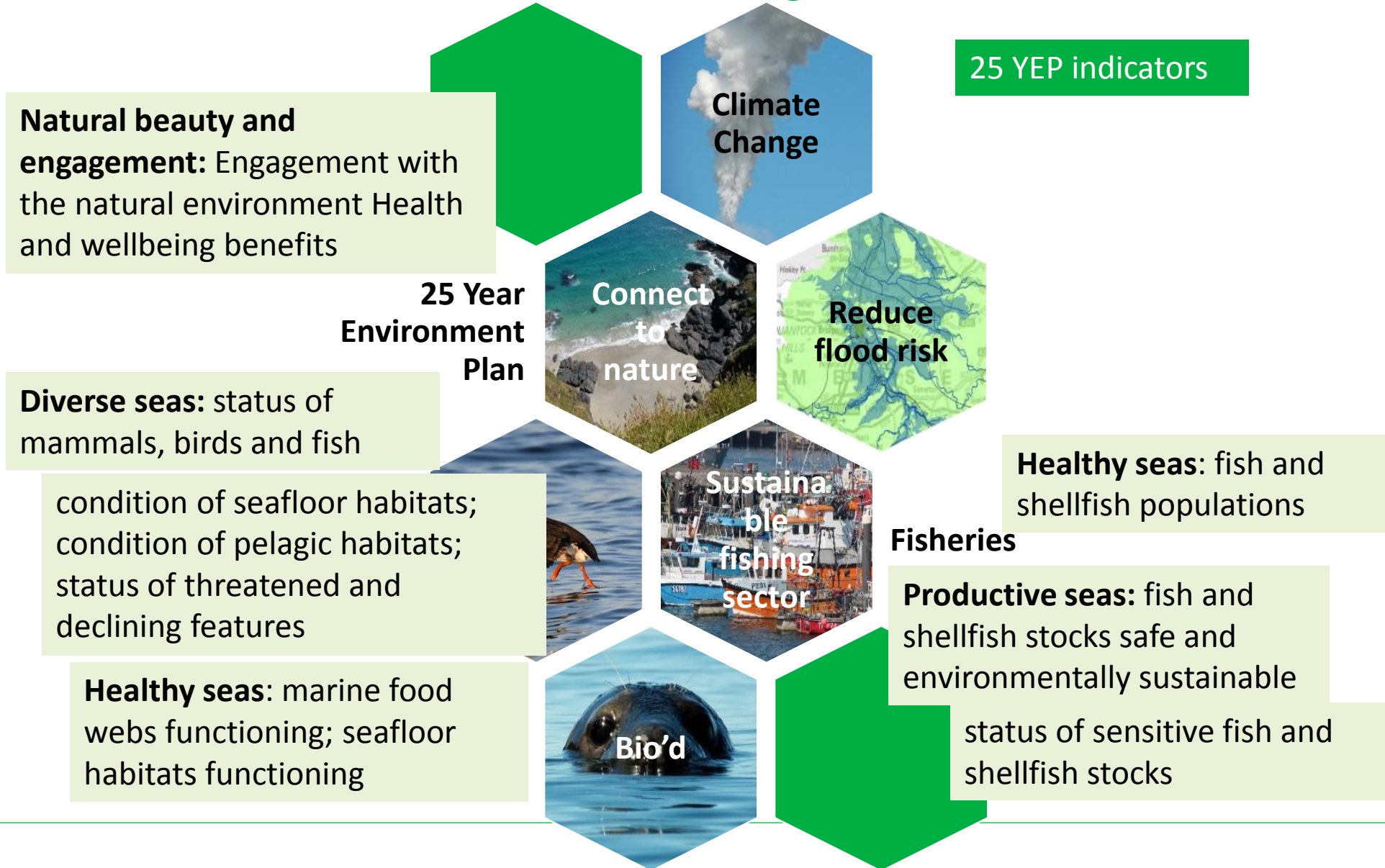


Enable
finance

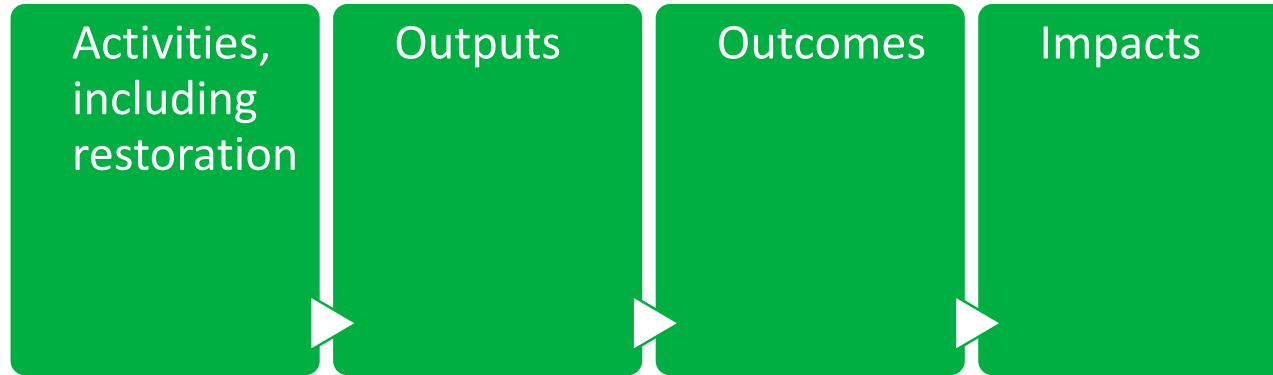
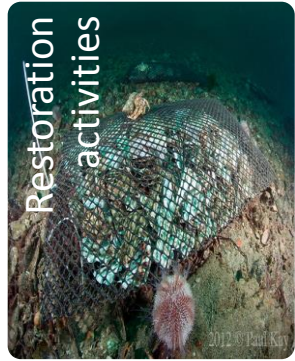
What do we want to achieve through restoration?



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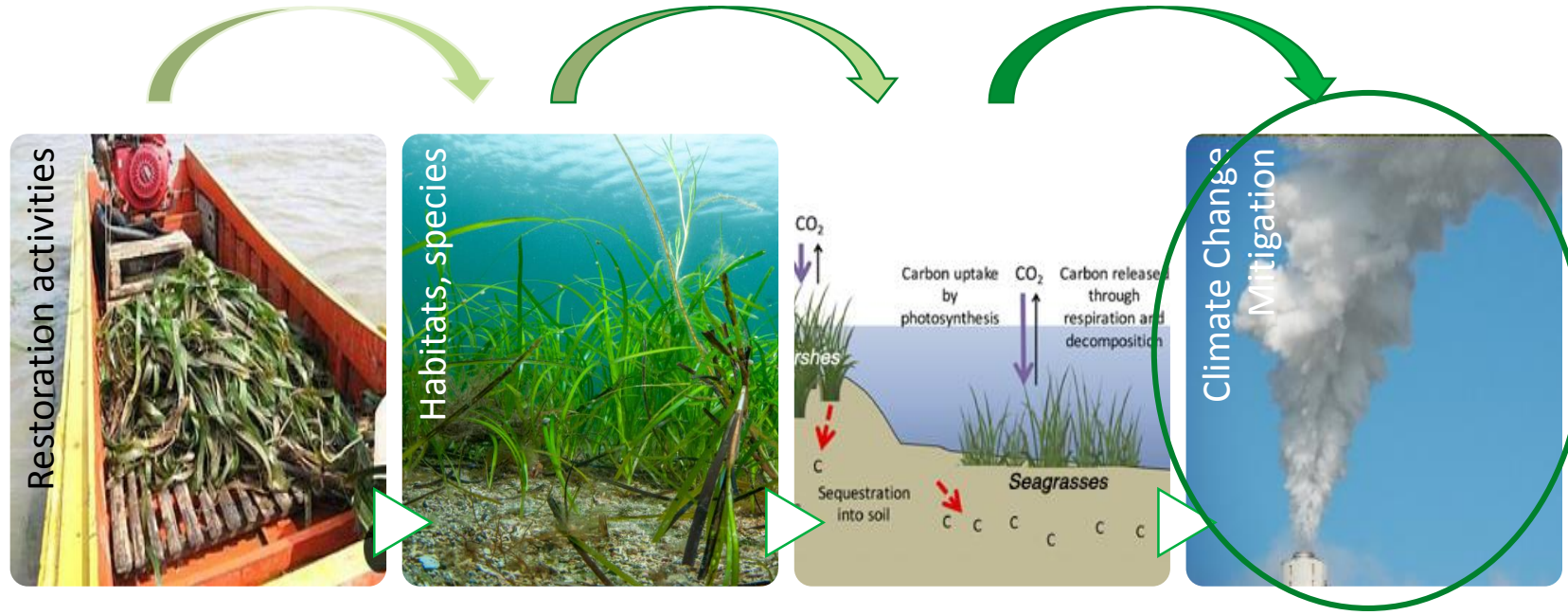


But do we know how we can get there?



And do we know what the benefits are?

We can be fairly confident in some areas



Different techniques?
Different soils?

Different climates?
Different conditions?

...but our understanding still needs to improve

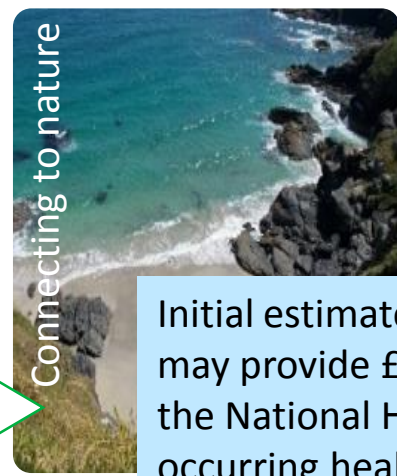
...Other outcomes may only be enabled through supporting investment or activities

Evidence of positive health outcomes for interventions in marine environments, related to taking part in surfing programmes, school-visits and mindfulness;



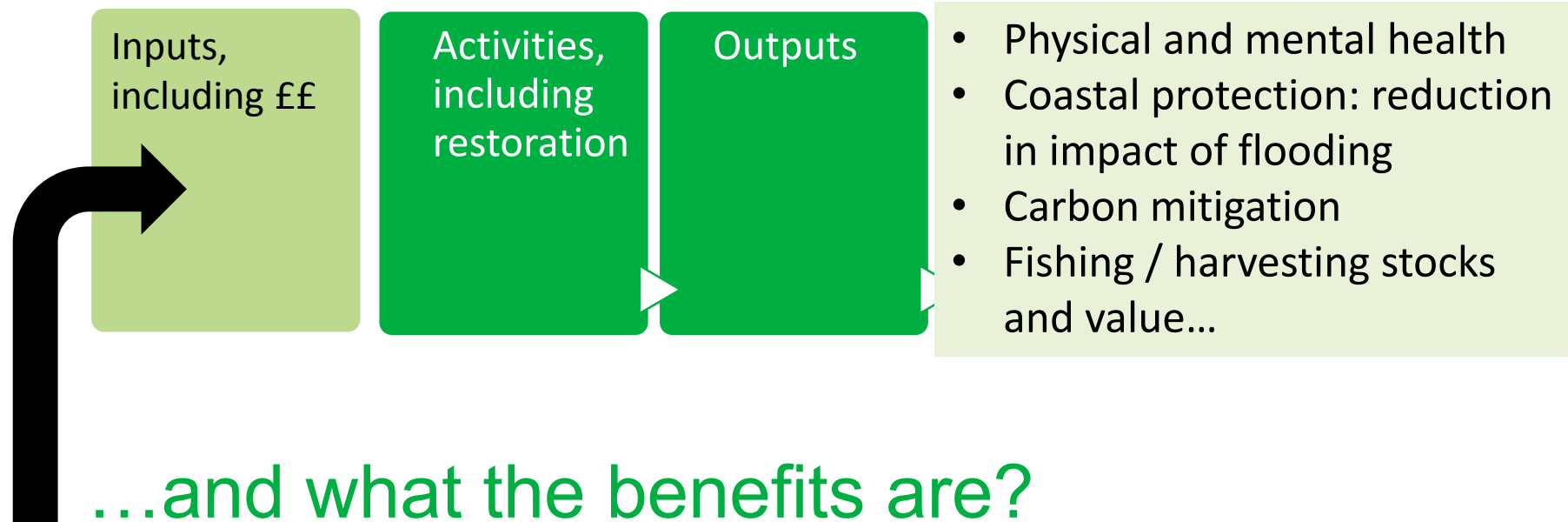
Current absence of evidence on the effect of physical interventions (e.g. construction of coastal infrastructure)

Living near and visiting the coast: more likely to achieve recommended levels of physical activity
Exposed to marine environments: more restored, feeling of purpose and better mental health



Initial estimates: marine recreation in England may provide £176 million worth of savings to the National Health Service (NHS), through non-occurring health care expenditure

Do we know we can get there?



1min:

- where we have evidence
- where evidence is lacking

Without this information, can we encourage investment?

...but evidence alone will not enable restoration and its benefits

Understanding trade-offs

Improving evidence, including trials

Improving communication of benefits



Externalities
Common Ownership

Effective regulation, markets, international cooperation

An underwater photograph of a seagrass bed. The water is clear and blue. The seagrass has long, thin, green blades and dark brown roots. A green rounded rectangle with white text is overlaid on the image.

Asking why

Using evidence

Being bold and improving our understanding