



PANACHE

Protected Area Network Across
the Channel Ecosystem

THE ENGLISH CHANNEL
one
ecosystem two
projects

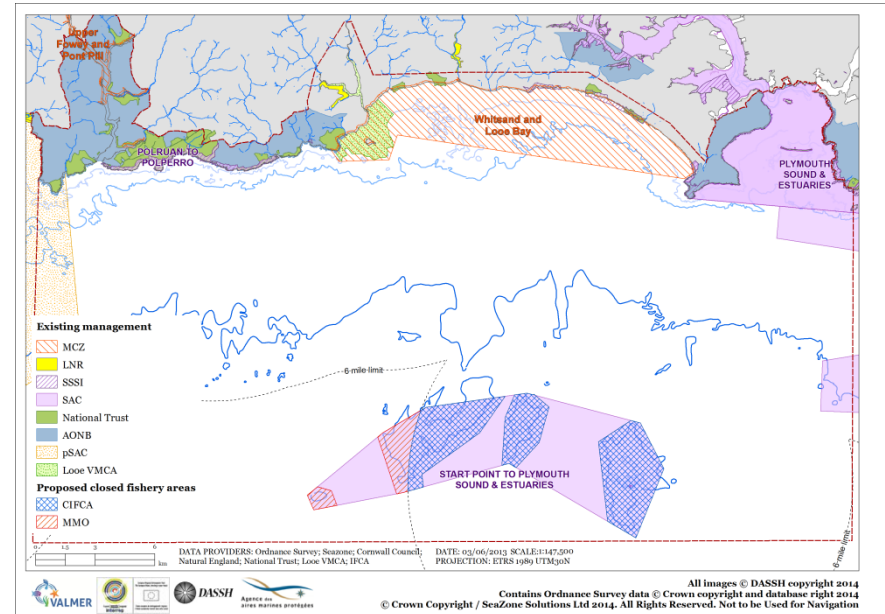
FINAL CONFERENCE - MARCH 17th-18th 2015 - TORQUAY

Scenarios techniques used in Plymouth to Fowey: Backcasting



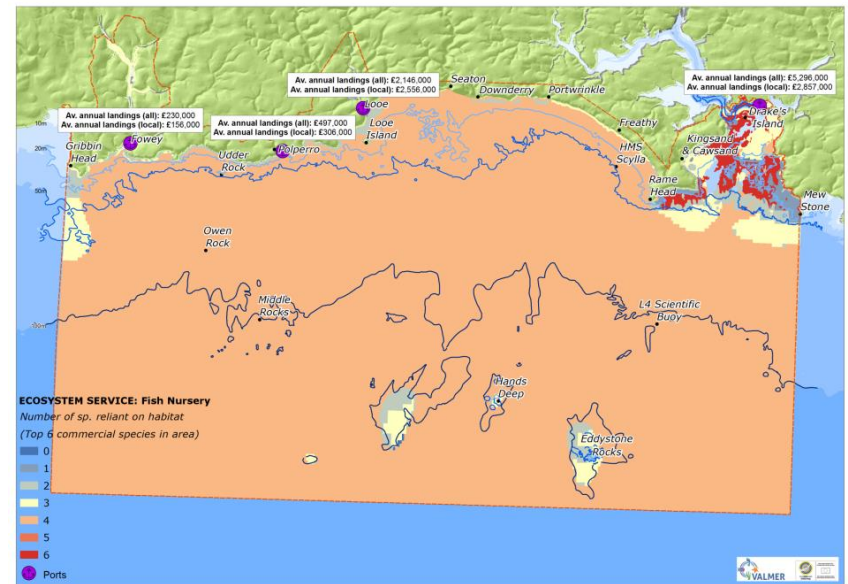
Scenario building process

- Phase 1 – visualising the case study
- Phase 2 – identifying drivers for change
- Phase 3 – agreeing on the scenario focus
- **Phase 4 – developing scenarios with stakeholders**
- Phase 5 – using scenarios to support/influence management



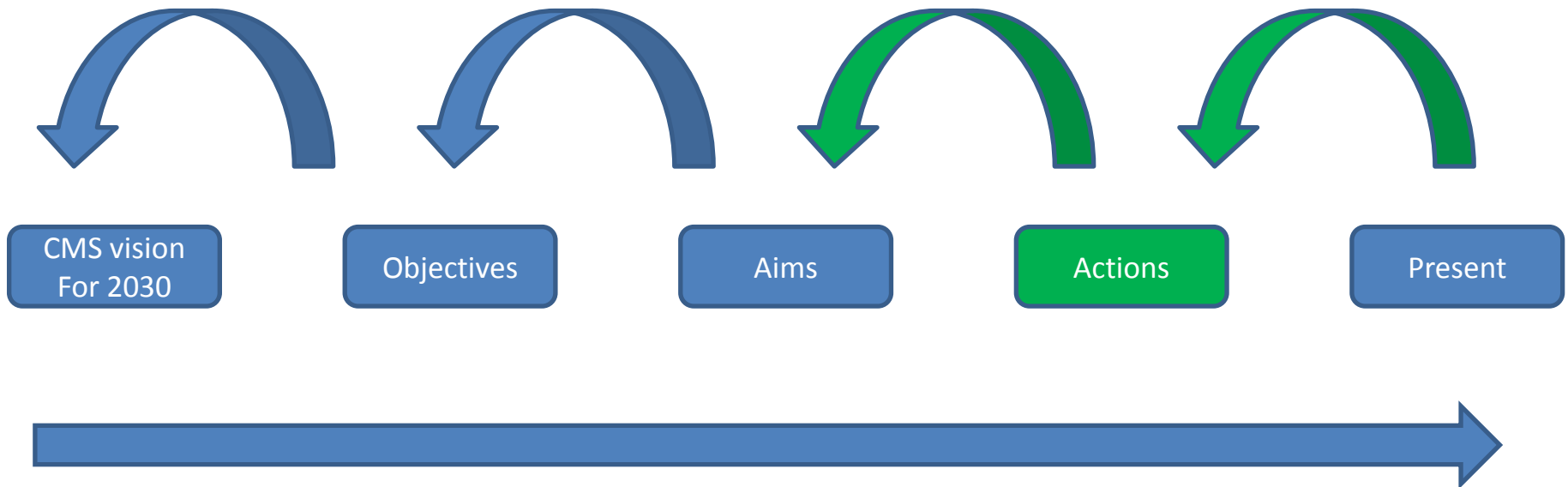
Visualising the case study

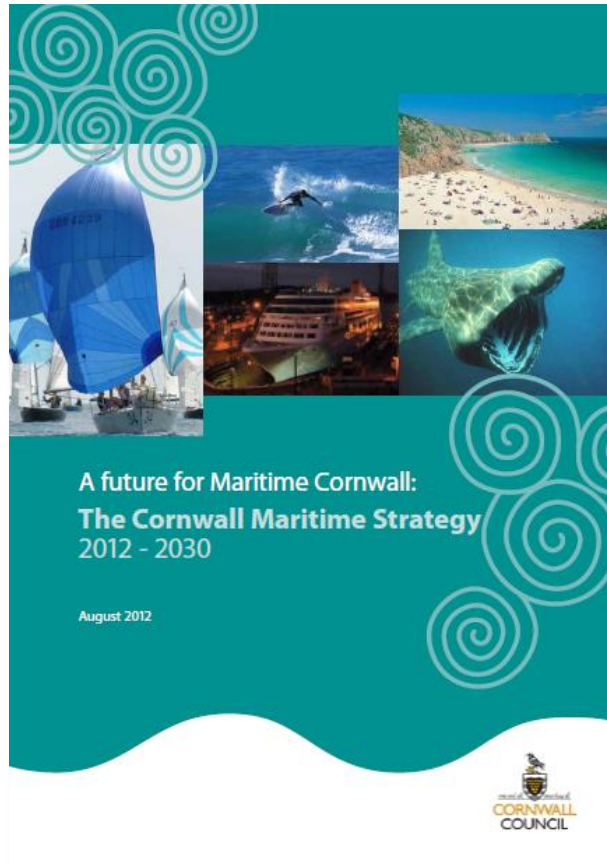
- Collation of existing environmental, and socio-economic data
- Data discovery exercise with stakeholders
- Drivers for change



Backcasting exercise

Action plan developed
using Backcasting from 2030





By 2030:

- Cornwall has a sustainably managed maritime environment, which is well understood and known internationally as an excellent location for work, wildlife and for recreation;
- Cornwall's economy is supported by a diverse range of opportunities for ports, marine-related industries, transport and businesses including environmental technologies;
- Cornwall has a rich and enviable maritime heritage, a healthy maritime natural environment and landscape;
- Cornwall has distinctive, well-connected communities, resilient in the face of change.

Objective G: *Ensure Cornwall's natural and historic maritime environment and culture is renowned worldwide, and is a source of pride and inspiration to residents and visitors.*

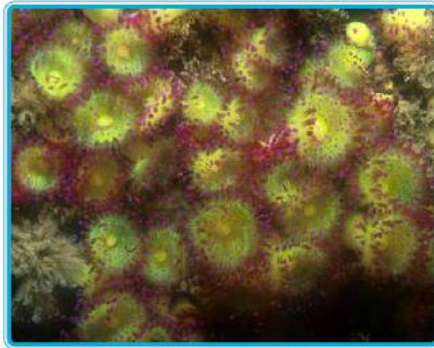
G Pride, recognition and responsibility for cultural, natural and historic assets

Objective G: Ensure Cornwall's natural and historic maritime environment and culture is renowned worldwide, and is a source of pride and inspiration to residents and visitors

Aims

- G1** Engage, educate and inform people about Cornwall's coast and seas. Inspire and encourage people to have pride in the management of the maritime environment in active partnership with the Council²⁹.
- G2** Support the implementation and management of the UK statutory and voluntary Marine Protected Area network. Maximise opportunities for collaborative working with other designated areas such as the AONB and World Heritage Site. Explore opportunities arising from other land-based and marine designations as appropriate.
- G3** Promote within Council departments and beyond, a better understanding of the marine and coastal environment and the significance of natural and historic assets. Ensure that relevant Council functions are undertaken with respect to these.
- G4** Work collaboratively with all sectors to secure the protection and sustainable management of Cornwall's maritime natural and historic environment through a range of public and private investment³⁰.

- G5** Seek opportunities for environmental growth and enhancement through habitat creation and species recovery, heritage restoration and improved management³¹.
- G6** Protect Cornwall's significant geodiversity from damaging activities. Safeguard marine mineral resources for future use.
- G7** Understand, maintain and enhance the distinctive character and setting of local coastal towns and villages, ports and harbours. Promote high quality seaside architecture, access, signage and innovative design that is inspired by and sensitive to local seascapes, landscapes and townscapes.



17 Jewel Anemones, Fal and Helford Estuaries

²⁹ For example, through encouraging participation in Clean Cornwall week, the Beachcare Project, coastal fora, Voluntary Marine Conservation Areas; and collaborative research and outreach programmes with universities, colleges and schools.

³⁰ For example, through the Local Nature Partnership, generation schemes within existing port/harbour infrastructure.

³¹ Examples include through the Cornwall Biodiversity Action Plan, Shoreline Management Plan process, World Heritage Site, Historic Environment Action Plans, AONB. This will help to increase resilience of the natural and historic environments to the effects of climate change and other cumulative pressures.

- G8** Promote Cornwall's natural and historic environmental qualities as positive assets, essential in enhancing quality of life and in attracting tourism, business and innovation that recognise, protect and enhance the maritime environment³².
- G9** Promote and support maritime natural, historical and cultural activities and events to celebrate Cornwall's distinctive environment and heritage³³. Further encourage maritime-based arts and cultural activities, including festivals, events and venues³⁴.
- G10** Gain a better understanding of Cornwall's natural marine resources and their value to health and wellbeing, tourism, recreation and the economy and assess the status of landscapes and seascapes in order to safeguard these assets³⁵.
- G11** Actively work with other regulators, landowners and businesses to maintain and improve Cornwall's water quality (inland and coastal); minimise wildlife disturbance: reduce sources of litter and pollution (including noise and light from watercraft, shipping and coastal development); and to control invasive species³⁶.



18 Mount's Bay, Penzance

³² Examples include the South West Coast Path and The National Maritime Museum.

³³ For example, maritime based arts and crafts, festivals and venues; leisure sailing and yacht clubs, beach based holidays and local food production; the fishing industry, traditional and innovative boatbuilding and design.

³⁴ Examples include Falmouth Week and Tate St Ives.

³⁵ By assessing the value of maritime ecosystem goods and services in Cornwall, following on from the National Ecosystem Assessment, 2011.

³⁶ Implementing the Water Framework Directive, for example, through initiatives such as Fishing for Litter, Clean Cornwall and implementation of Sustainable Urban Drainage Systems in Council-owned car parks, hand picking litter on beaches or the Wildlife Safe (WiSe) accreditation scheme for boat operators.

Tools for Backcasting

- PESTLE
- Governance mapping
- Background information maps
- List of human activities
- Ideas from other plans and strategies
- Your knowledge and expertise
- Lots of post-its!



Ground rules for Backcasting

- No idea is a stupid idea
- Be creative – this is theoretical
- Let everyone get involved
- Don't criticise other peoples ideas
- Try to keep things moving – don't get too hung up on one idea



Writing actions...things to think about...

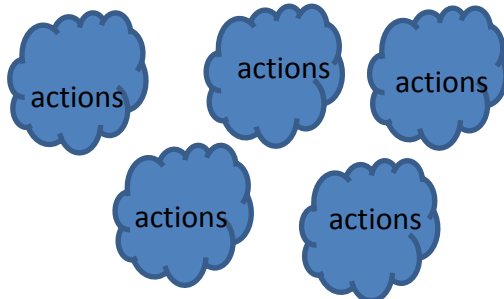
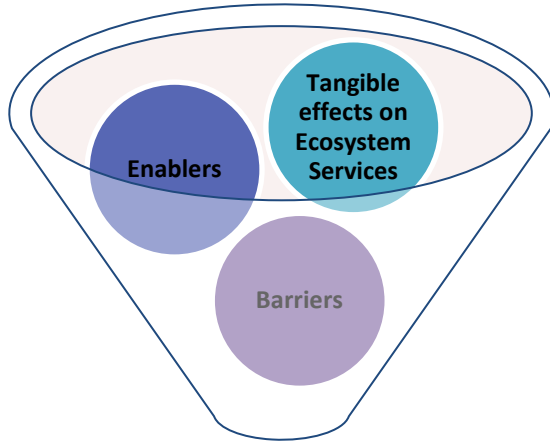
- What / how / where/when?
- Needs to be within the influence of the T&F membership?
- Is a management intervention required?
- Does your organisation have an existing action that could be 'transplanted'/adapted?
- Will it deliver multiple strands of the aim?
- **Will it have a tangible effect on an ecosystem service?**
- what scale is it at? how much area or activity will it affect?

Aims

Possible actions to deliver Cornwall Maritime Strategy in Plymouth Sound-Fowey area

In our control

Beyond our control



Actions amalgamated into three scenarios

Dredge Disposal: Relocation of disposal sites further offshore

Marine Protected Areas: Introduction of some highly protected MPAs

Recreational Boating: Replacing swing moorings with eco-moorings



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the Channel Ecosystem



Hampshire & Isle of Wight
Wildlife Trust
Protecting wildlife. Inspiring people.



**LIVE
SUSTAINABLY
WITH
PLYMOUTH
UNIVERSITY
MARINE INSTITUTE**



**MARINE &
COASTAL POLICY
WITH
PLYMOUTH
UNIVERSITY**

PML | Plymouth Marine
Laboratory



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