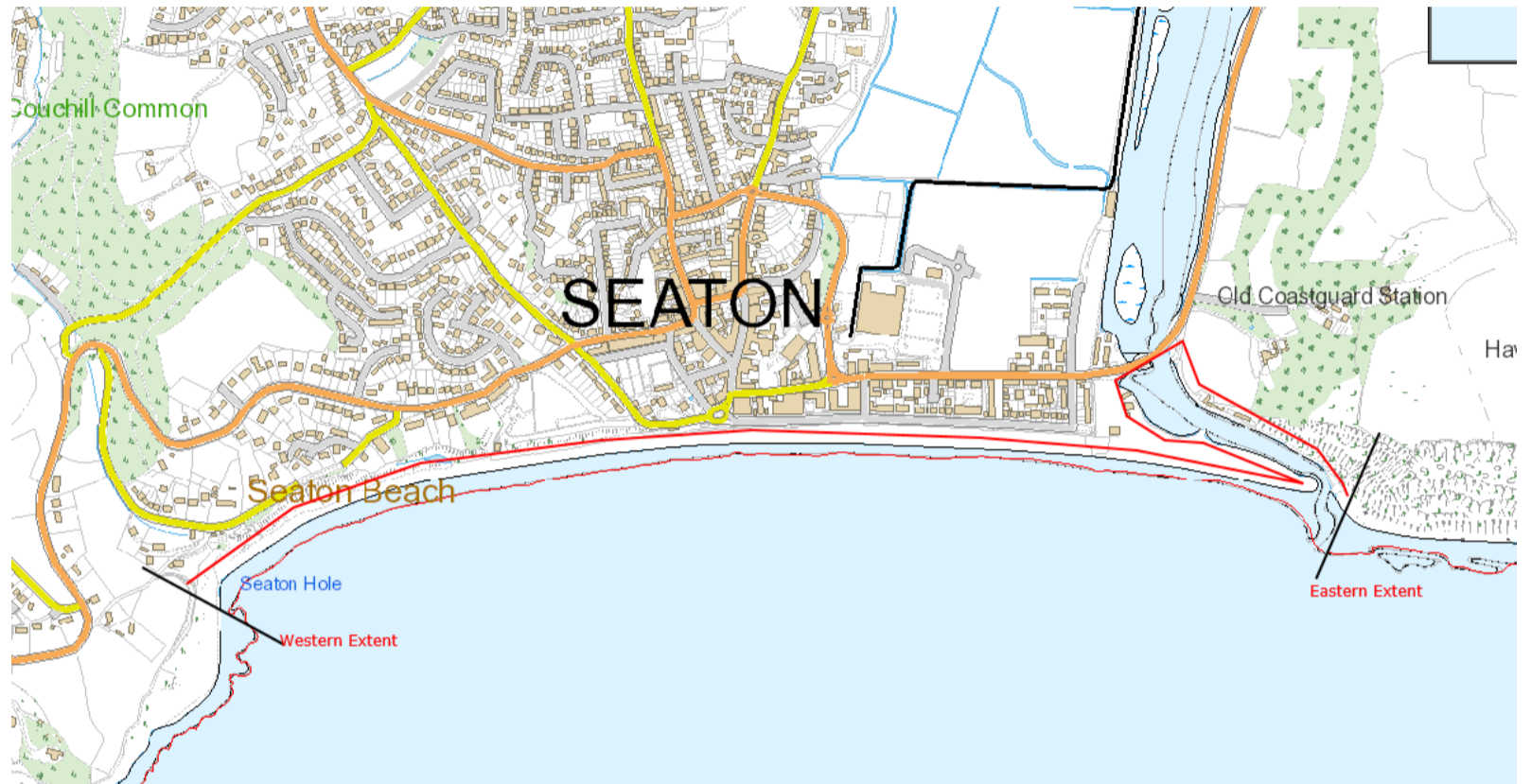


Seaton Beach Management Plan (BMP)

Introduction

East Devon District Council, working in partnership with the Environment Agency, are developing a Beach Management Plan (BMP) for Seaton, from Seaton Hole in the west to Harbour Wall on the East side of the River Axe and the Axe River up to the Axe Bridge. Consultants CH2M HILL have been appointed to work with East Devon District Council to produce this management plan.



This exhibition aims to provide you, as a member of the

local community, with information about the purpose of this project, how it relates to other recent coastal management projects in the area, and how you can be involved in helping develop the BMP.

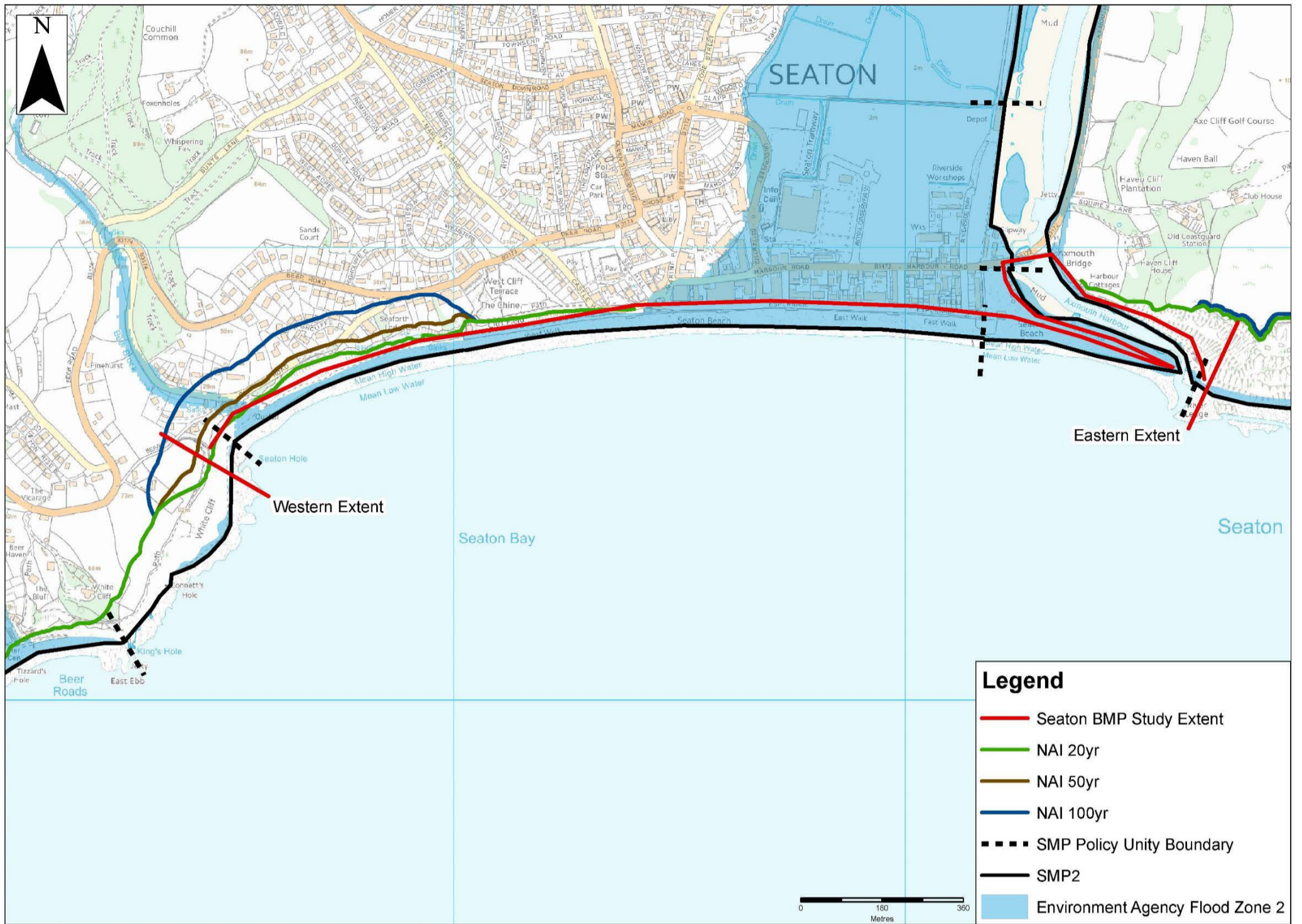
What is the Purpose of the Project?

The objective of the Seaton BMP is to plan how the beach will be managed over the next five years, in the context of longer terms policies for Flood and Coastal Erosion Risk Management from Axe Harbour to Seaton Hole, and the need to ensure the long-term sustainability of the harbour for fishing and recreation.

With that, the BMP has four main aims:

1. Ensure Seaton's coastal defences provide an appropriate standard of service;
2. Determine an appropriate management regime for Axmouth spit;
3. To compliment Seaton Town Council's vision for the Seafront; and
4. To carry out (1), (2) and (3) in an integrated, justifiable and sustainable way.

Seaton Beach Management Plan (BMP)



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Seaton Beach Management Plan (BMP)

Historic Development of the Seaton Coastline

The Seaton coast has seen various coastal defences and significant shoreline change over the years. Here are some examples. Do you have more?



- Loss of West Walk Promenade to Seaton Hole 1915
- Flooding November 1924 and January 1925
- Flooding December 1978
- Wave overtopping and flooding to 43 residential and 28 businesses February 1979
- Construction of Environment Agency Sea Wall in 1980
- Loss of beach Seaton Hole to West Walk and flooding 1989/90
- Repairs to West Walk 1993
- Rock Armouring Seaton Hole to West Walk 1998/1999
- Landslip at Seaton Hole 2000
- Land slip at Old Beer Road 2012/13
- Wave overtopping 2014

Seaton Beach Management Plan (BMP)

What is a BMP?

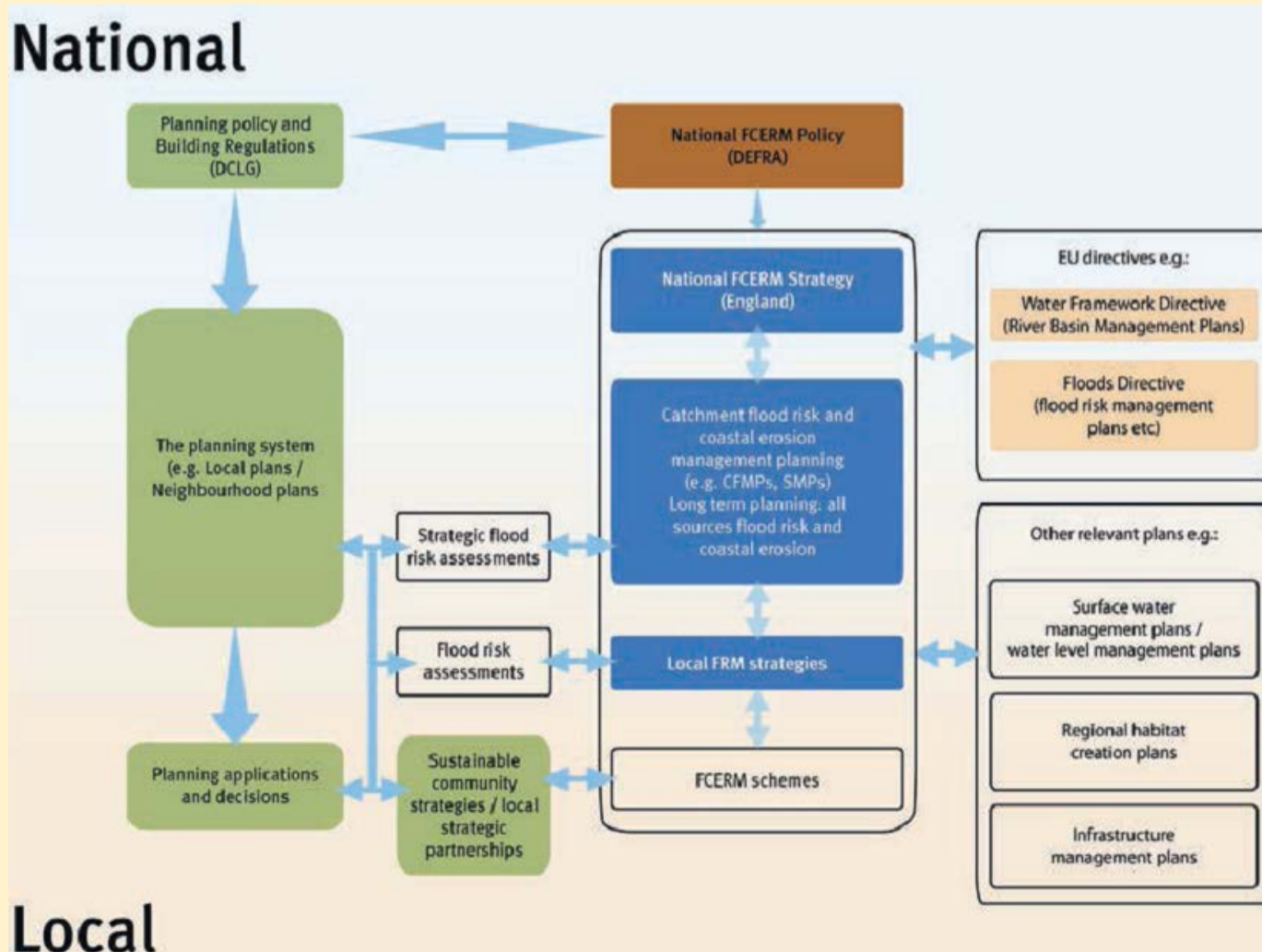
Beaches have many uses and functions. These include amenity, recreation, commercial and community **uses**, and coast defence, habitat and earth science **functions**; all of which have social, environmental and economic **value**.

BMPs are a non-statutory method of providing a plan for managing a beach at a local level that takes into account and, where possible, promotes or enhances the other uses and functions of a beach.

BMPs provide a framework for more cohesive management of a beach that may be regulated and used by different parties, all with their own agendas. They establish a means to control the physical form of beaches and the general beach environment, and to promote good practice within the environment.

A BMP should provide a detailed **plan** for the **short** (c.10 years), **medium** (c.50 years) and **long** (c.100 years) term management of a beach to achieve an agreed **aim** and **objectives**.

In this context, beach management is defined as a process for physically managing the beach by such things as simple interventions, nourishment and recycling of beach material, the construction and maintenance of beach control structures (e.g. groynes and breakwaters) and monitoring.



FCERM strategies and plans and their relationship with other planning initiatives (Defra/EA, 2011)

Seaton Beach Management Plan (BMP)

How Does the BMP Relate to Other Recent Coastal Management Projects?

In the past 20 years or so there have been several significant projects looking at the future management of coastal flood and erosion risk at Seaton. The proposed Seaton BMP relates to them as follows:

- **1994 – Seaton Coastal Study** – Following flooding and loss of the beach towards Seaton Hole in 1989/99, EDDC undertook a study to look at the risk of erosion and flooding from Seaton Hole to the River Axe. The study recommended the construction of a rock revetment from Seaton Hole to West Walk.
- **1997 – Seaton Hole to Seaton Rock Revetment Engineers Report** – A detailed engineering and economic assessment for approval of MAFF (now the DEFRA) funding for the rock revetment.
- **2011 – South Devon and Dorset Shoreline Management Plan** – A Shoreline Management Plan (SMP) provides an objective, largescale assessment of the risks to people and the developed, historic and natural environment, resulting from the evolution of the coast. It goes on to present a policy framework that addresses these risks in a way that does not tie future generations to costly and unsustainable activities. In the setting of policy, it attempts to balance all of the (sometimes conflicting) interests at the coast in a sustainable manner.
- **Ongoing – Lyme Bay Modelling Study** – A project working with the Environment Agency to produce updated flood risk mapping and flood warning procedures for Lyme Bay communities at Seaton, Lyme Regis and West Bay.



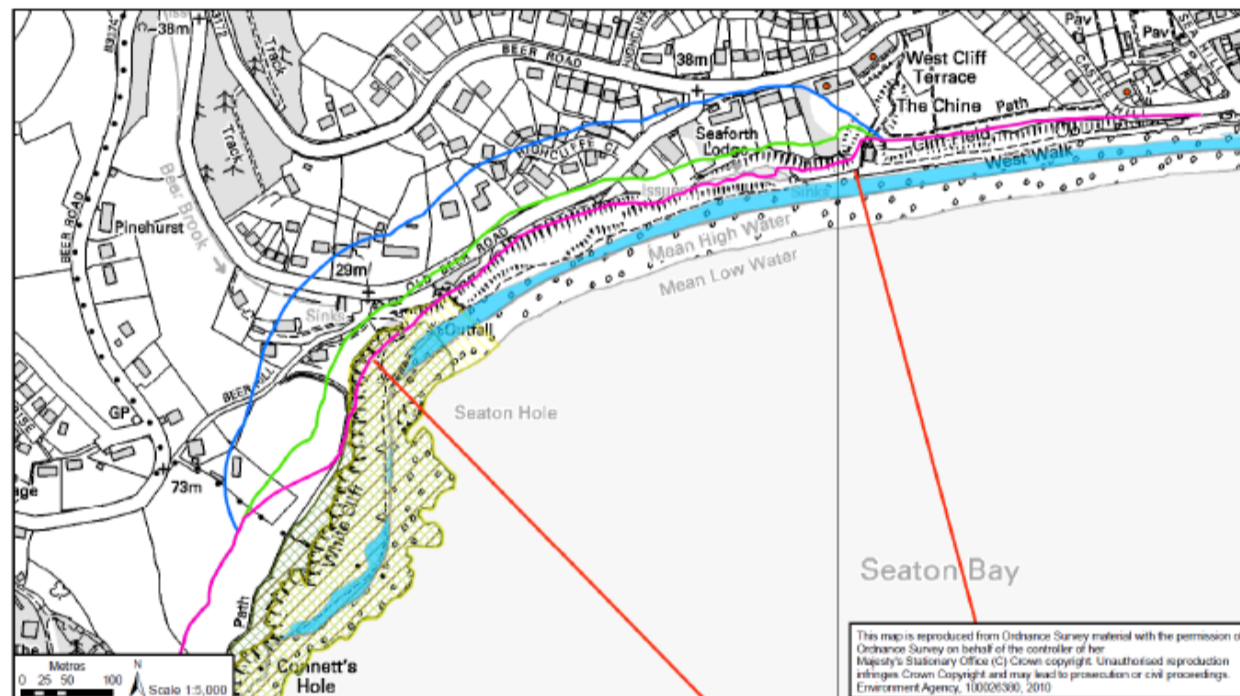
Seaton Beach Management Plan (BMP)

South Devon and Dorset Shoreline Management Plan Review

The South Devon & Dorset Shoreline Management Plan Review (SMP2) is the latest document to set-out coastal management policy for Seaton. The recommendations made by the BMP to define the management regime for the next five years will need to be done in the context of the longer-term (100 years) SMP2 policy.

Seaton Hole to Seaton

The Hold the Line policy at Seaton will continue to protect the large number of properties and assets from flooding and erosion, and phased managed realignment of the rock revetment between Seaton and Seaton Hole will endeavour to protect properties whilst maintaining the environmental status of the cliffs.



Durlston Head to Rame Head Shoreline Management Plan Review
Policy Unit 6a30: Seaton (West) to Seaton Hole

From Present Day:	Medium-Term:	Long-Term:
Hold the Line	Managed Realignment	Managed Realignment

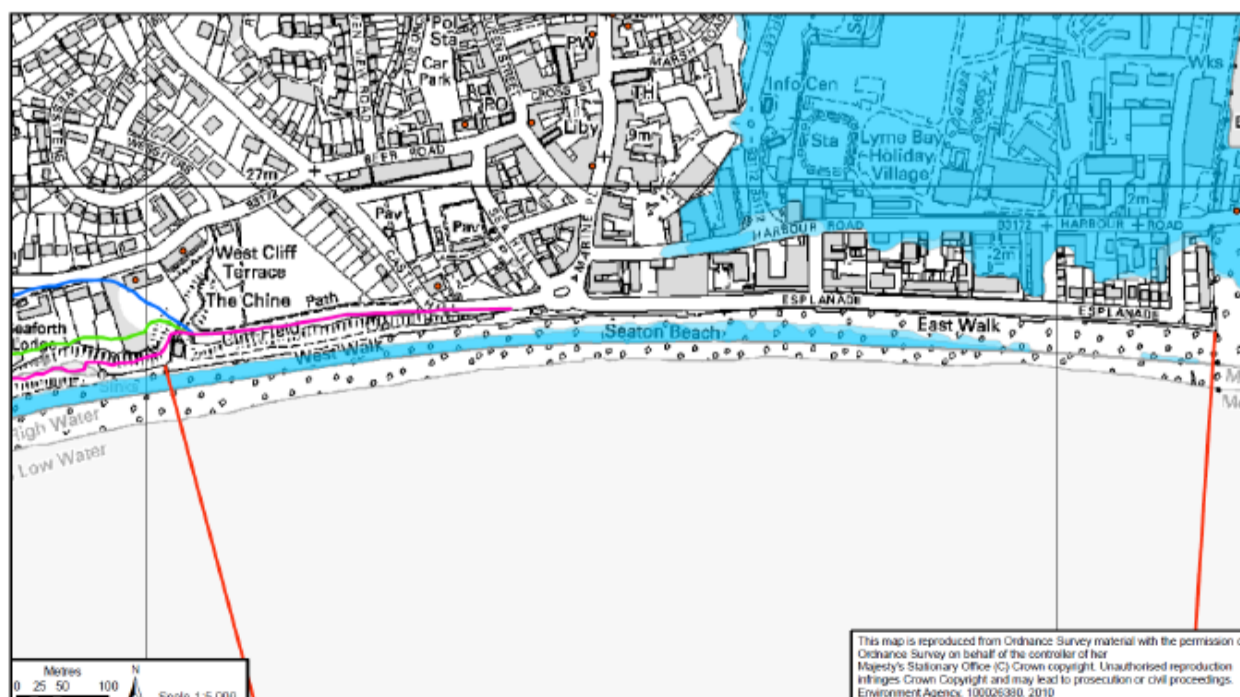
Predicted erosion zones with preferred policy

- 0-20 year
- 20-50 year
- 50-100 year
- Policy Unit Boundary

Environment Agency Flood Risk Zone 2

Environmental/Cultural Heritage

- World Heritage Site
- Special Areas of Conservation
- Special Protected Areas
- Site of Special Scientific Interest
- Scheduled Monuments
- Listed Building



Durlston Head to Rame Head Shoreline Management Plan Review
Policy Unit 6a29: Axe Estuary (Spit) to Seaton (West)

From Present Day:	Medium-Term:	Long-Term:
Hold the Line	Hold the Line	Hold the Line

Predicted erosion zones with preferred policy

- 0-20 year
- 20-50 year
- 50-100 year
- Policy Unit Boundary

Environment Agency Flood Risk Zone 2

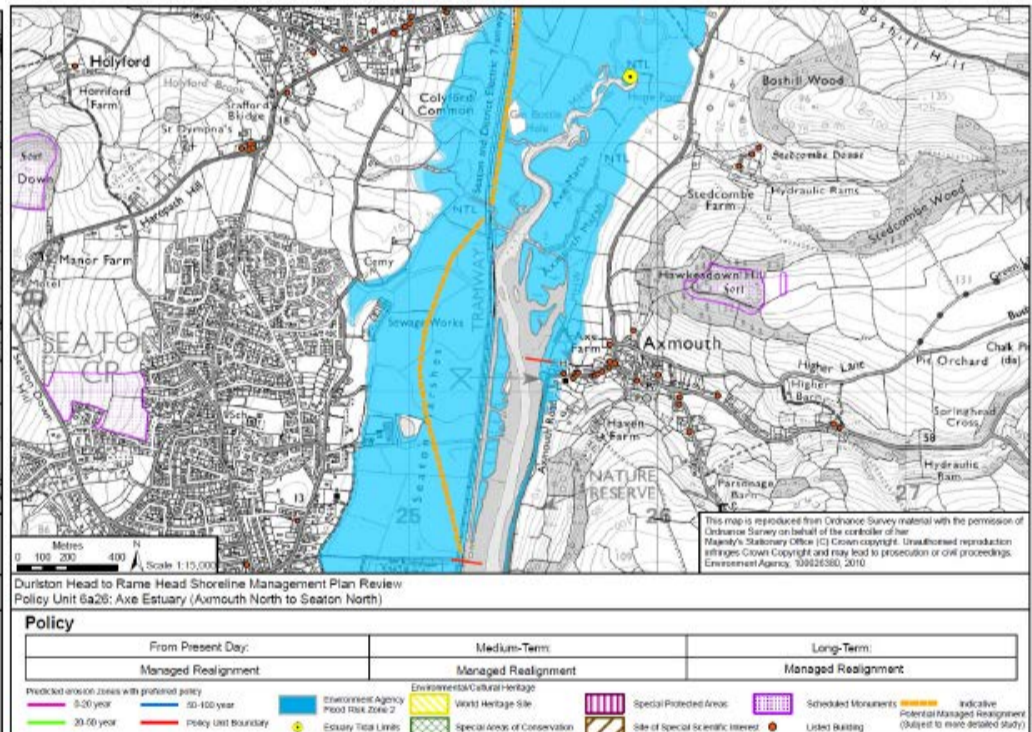
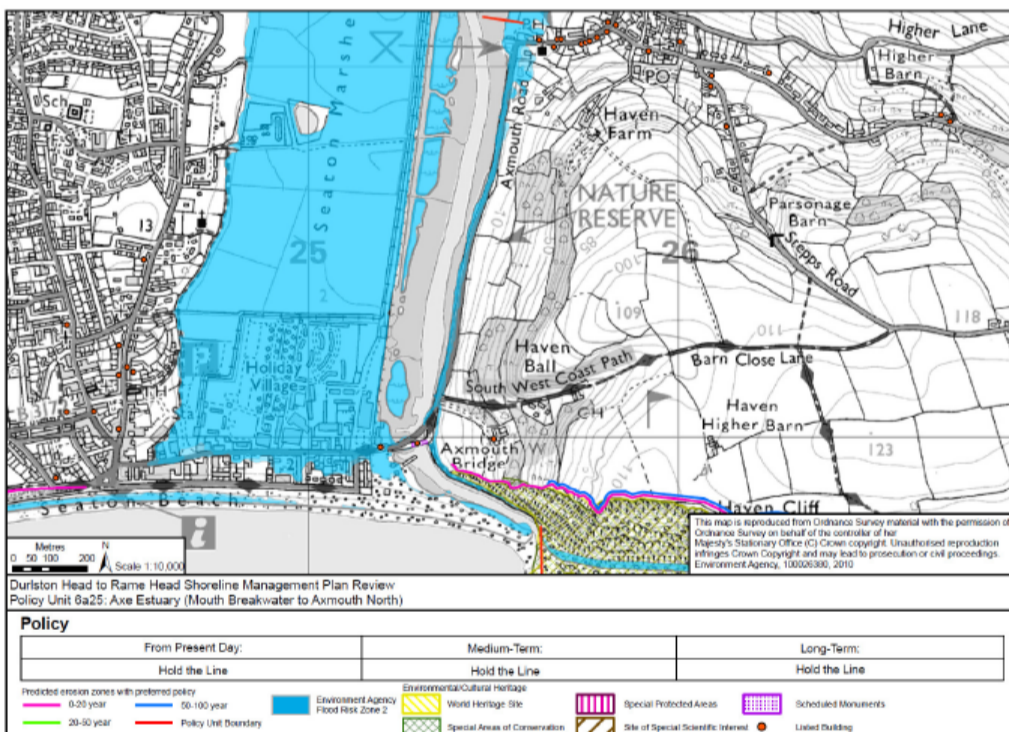
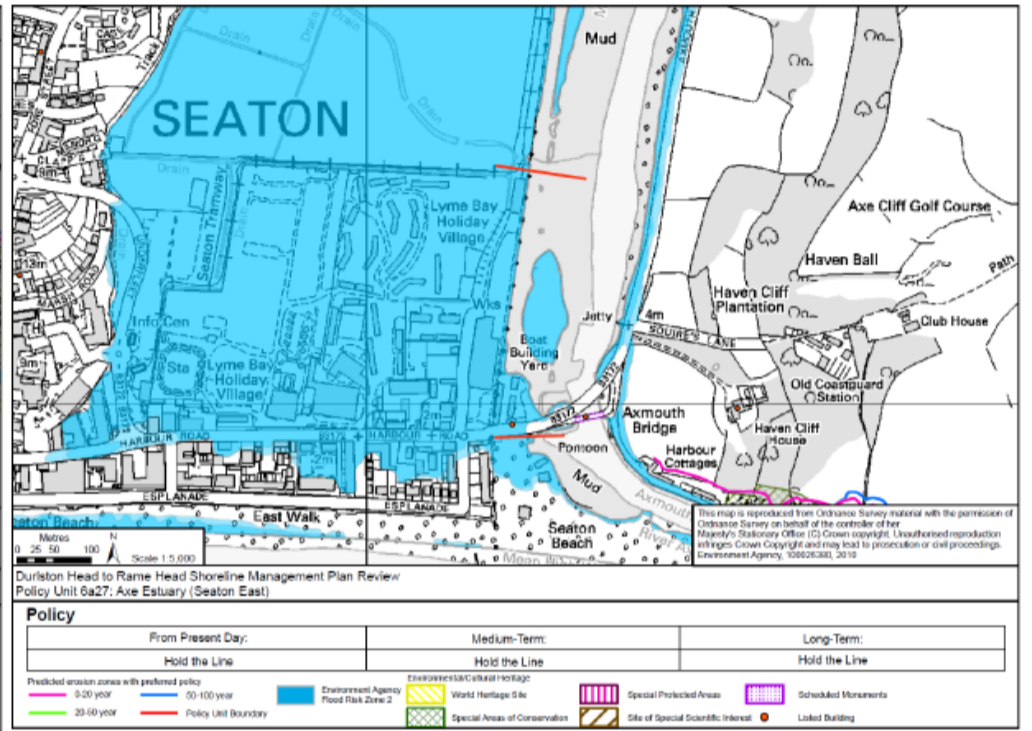
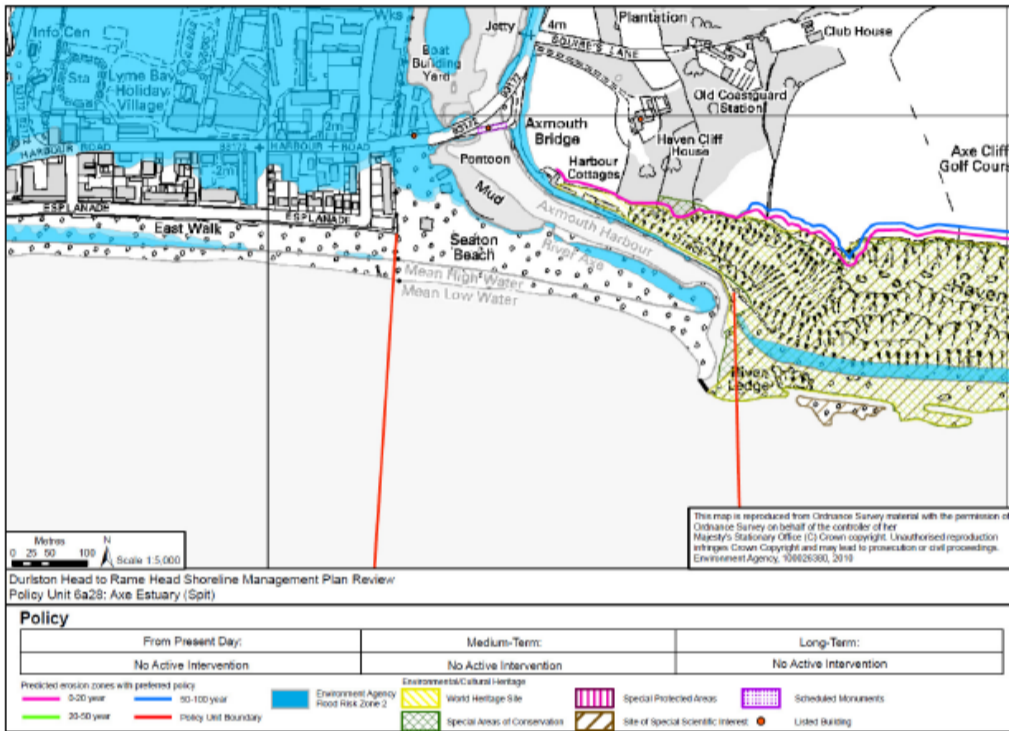
Environmental/Cultural Heritage

- World Heritage Site
- Special Areas of Conservation
- Special Protected Areas
- Site of Special Scientific Interest
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Seaton Beach Management Plan (BMP)

Axe Estuary

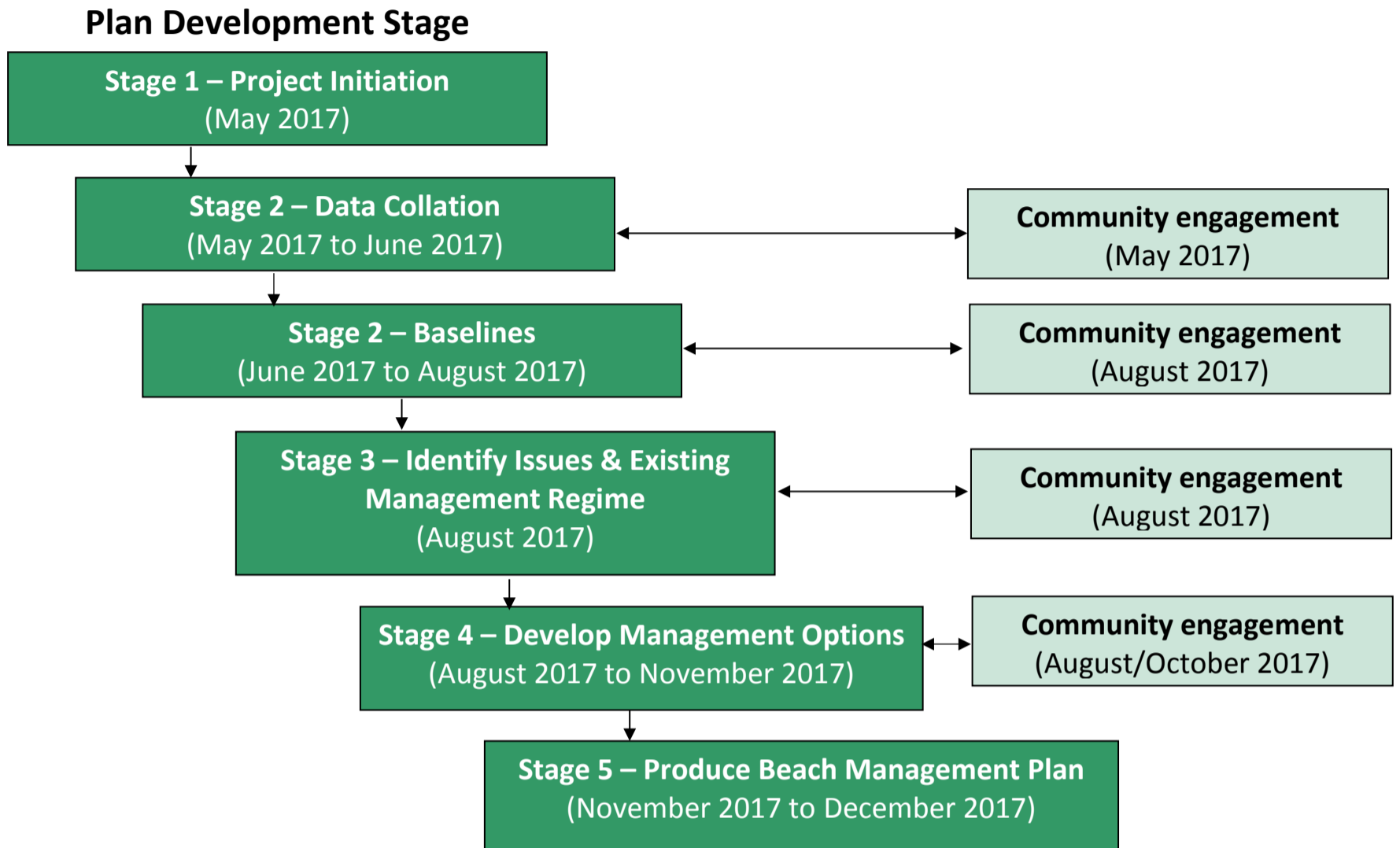
The combination of No Active Intervention and Hold the Line Policy for the entrance of the Axe Estuary and Hold the Line/Managed Realignment/No Active Intervention for the inner estuary aims to minimise the risk of flooding to areas of property and infrastructure in and around the estuary.



Seaton Beach Management Plan (BMP)

How Will the BMP be Developed?

Development of the BMP will involve a number of stages. These are shown in the flow diagram below along with dates for when community involvement is planned.



Involving the Community!

Community engagement will happen throughout the development of the BMP.

These engagements are planned to comprise exhibition/drop-in type events at which members of the community can come and ask questions and provide comments, information and local knowledge to the project team and specific stakeholder workshops. The outcomes of the events will be used to help the project team develop the future beach management options for Seaton and to meet the project aims.

This is the **first community engagement event**.

The **second community engagement event** will be held on completion of the baseline studies and the **third & fourth engagement events** will be held during the option development stage to allow the local community to give their views on a long/ short-list of potential management options identified by the project team. Details of when and where these future community engagement events will be held will be publicised later in 2017.

Seaton Beach Management Plan (BMP)

How You Can Get Involved At This Stage!

Before the project team can consider beach management options to meet the project aims, it needs to understand the human interventions and nature's response to them that have shaped Seaton's coastline over past generations. The project team is researching this but they don't live in Seaton so don't know Seaton as well as people who have lived here for years. So if you have any information or local knowledge that will help them understand, please let them know.

This is your opportunity to provide information and identify any specific local issues, opportunities or hurdles that you think should be considered in the development of a new management approach to the beaches and coastal defences along the Seaton coastline for the purpose of coastal flood and erosion risk management.

The type of information you may be able to provide at this time includes:

- *Photographs/paintings/drawings/postcards/newspaper articles/books/maps/plans/reports and so on that show or describe the coast and how the coast looked in the past to aid our understanding of gradual coastal erosion or change that has taken place, and more rapid coastal change brought on by erosion and flood events.*
- *Information about the impacts of storm events on the beaches/cliffs/coastal defences. For example, did a storm event cause noticeable erosion of the beaches or the cliff? If so, when did the storm occur and where was the erosion?*
- *Information and your views on issues, opportunities and constraints relating to the beaches, cliffs and coastal defences that this project may need to take into account (for example- access to the beach; when/where different uses of the beach occur for recreation, commerce, etc.).*

Please note that any information submitted may be used in community engagement activities and future publications, but the owner will always be fully referenced. All materials submitted should be copyright free.

Contacting Us!

If you have information that may be of use to this project, please complete a response form available at the entrance to this exhibition and return it to us.

Thank you for taking the time to come along to this event!