



ENGLISH
NATURE

**‘Adapting to Change’
creating space for
wildlife and people**

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Head of Coastal Conservation

Adapting to Change

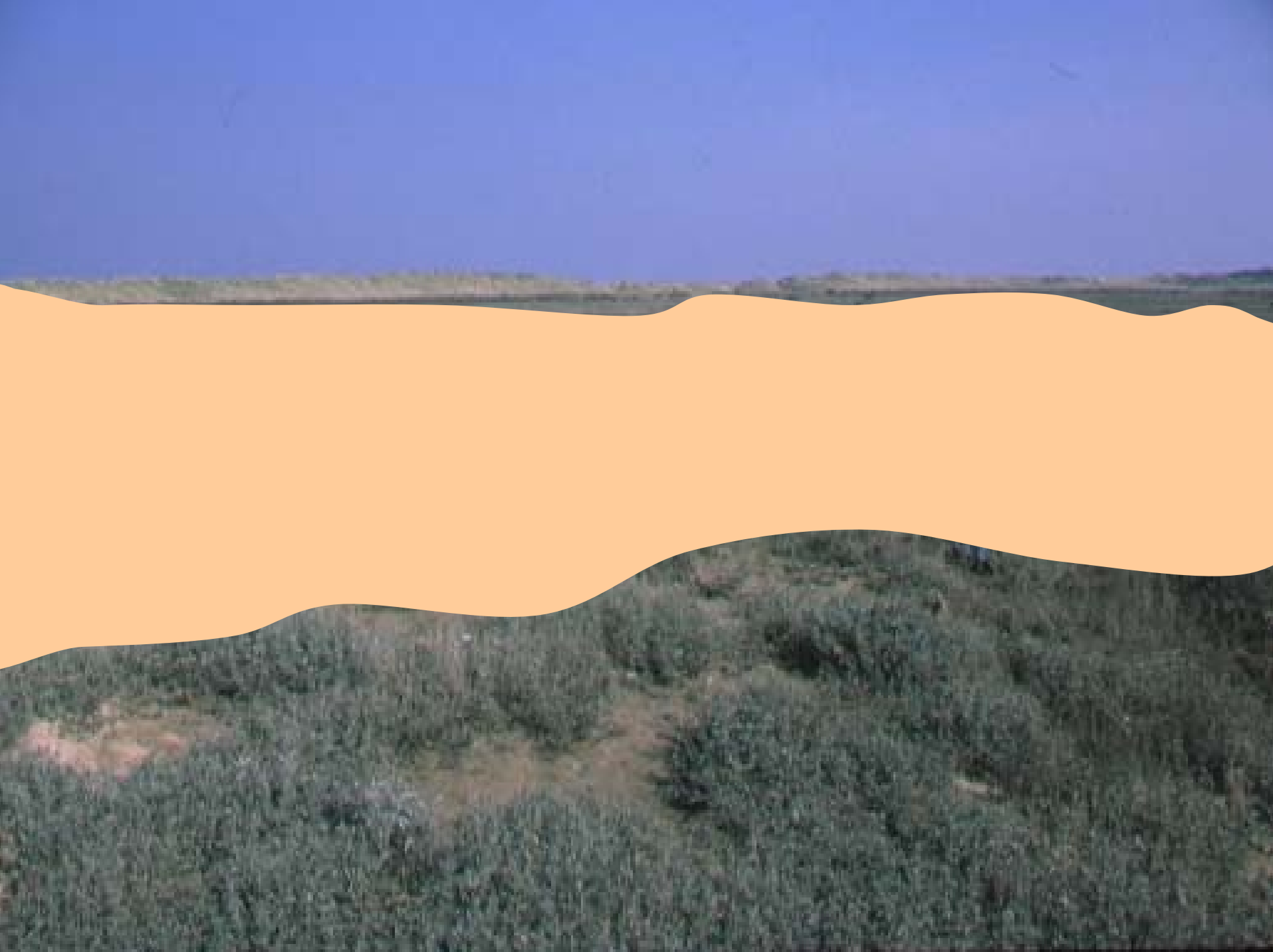
- Understanding how coasts will change
- Changing mosaic of habitats & species
- Tools for the job
- Site boundaries
- Planning for coastal risk
- Communicating change

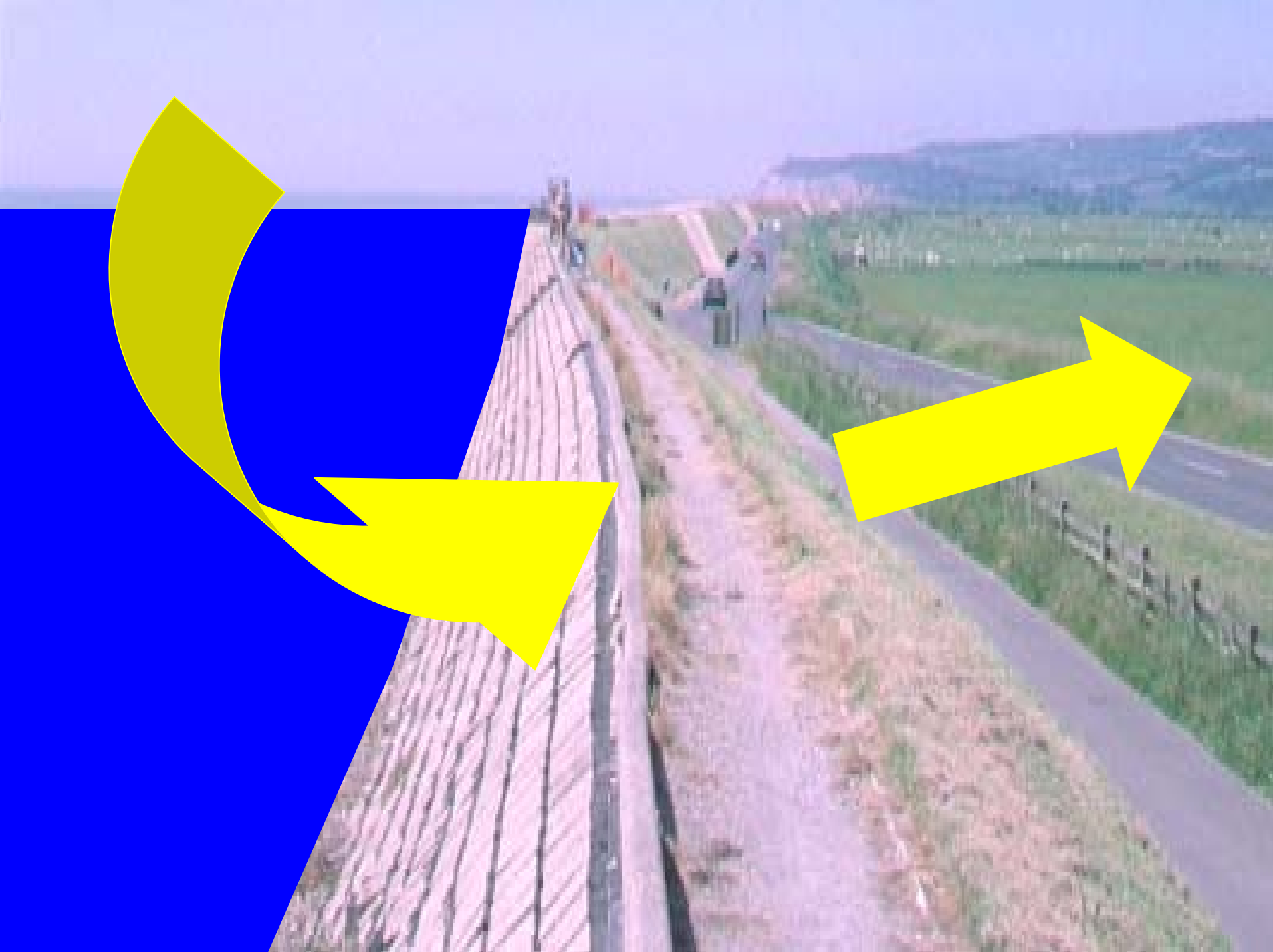
What is a sustainable coast?

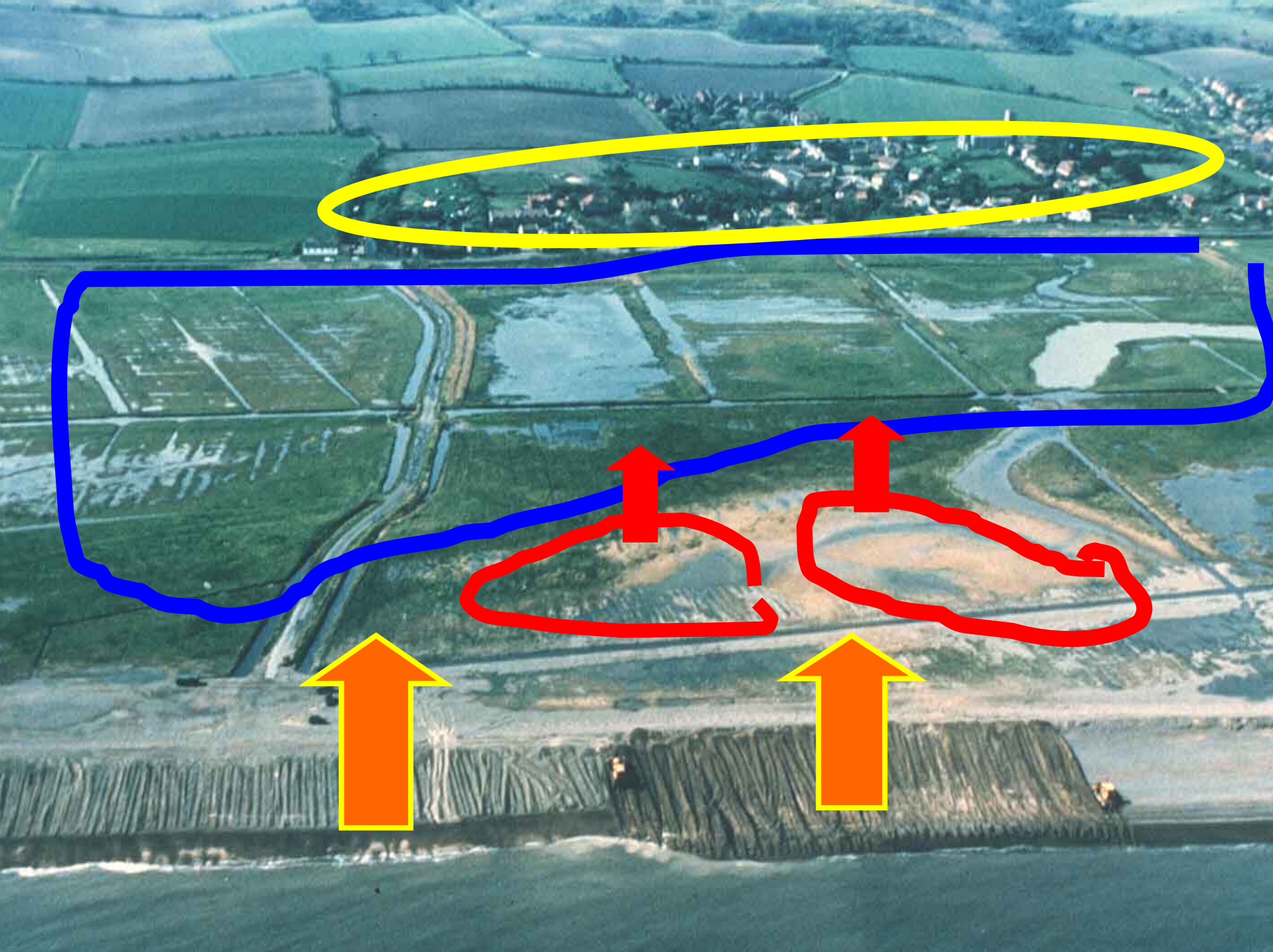
- Embraces long term ‘evolutionary’ pressures
- Provides space for coastal evolution
- Creates ‘resilience’ to change
- Ensures effective management of the sediment supply & budget
- Coastal communities understand the coast and are aware of risks











Alternative options

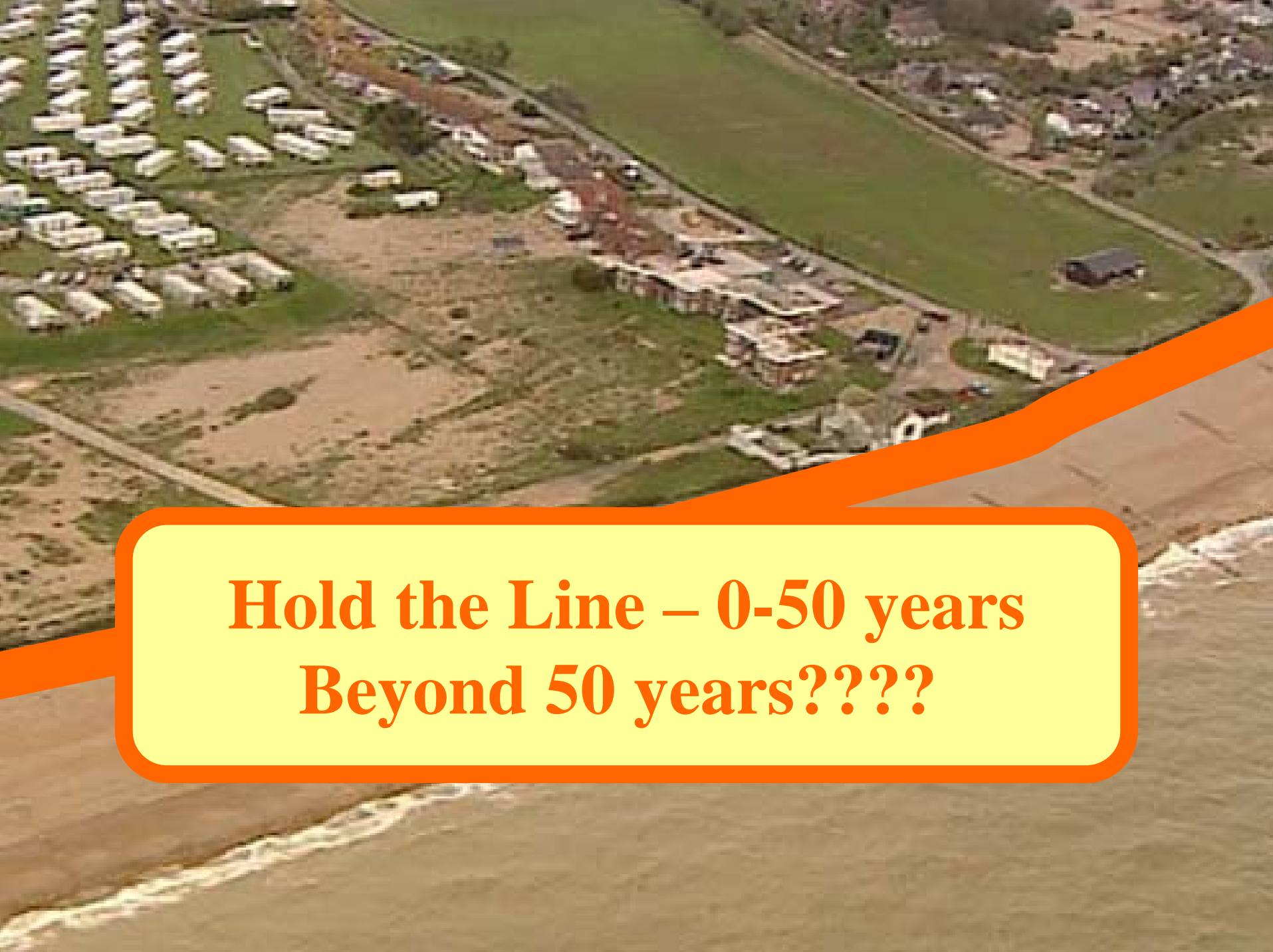
- New funding streams
 - Relocation of valuable assets
 - Managed abandonment
 - Buying sediment supply
- Planning policies that identify & address coastal hazards & risks



**Main
Road**

**Beach
in 1879**





**Hold the Line – 0-50 years
Beyond 50 years????**



New SSSI Boundary



**Boundary Follows
cliff top between A
and B**

A

B

Improving Awareness of Risk

**FLOOD MAP
NIGHTMARE**

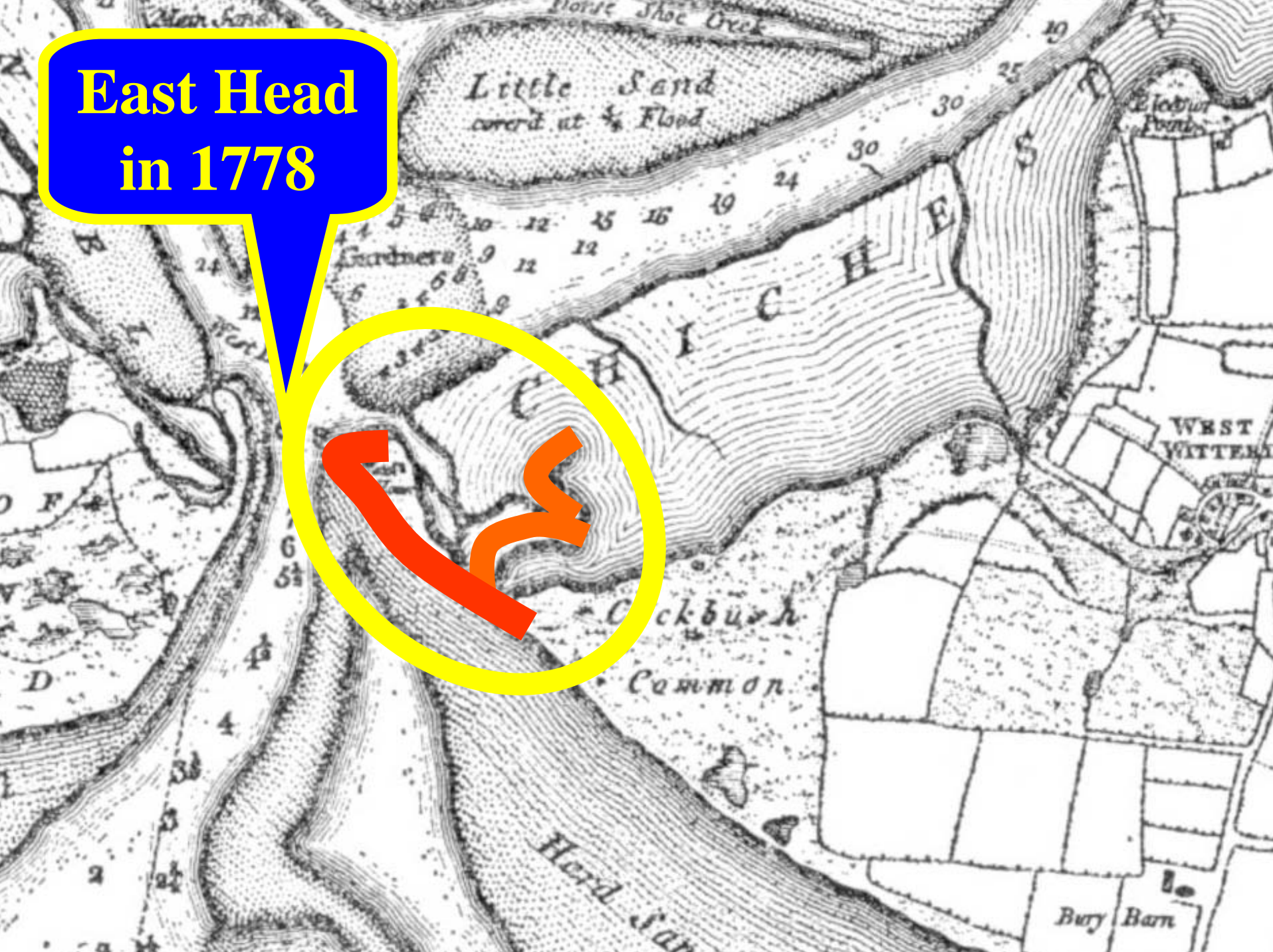
An aerial photograph showing a coastal cliff. At the top of the cliff, several houses with gabled roofs and green lawns are visible. The cliff face is a mix of brown soil and grey rock, showing signs of erosion. At the base of the cliff is a sandy beach, and the ocean waves are breaking on the shore. A yellow rounded rectangular box is overlaid on the lower part of the image, containing text.

**Average recession results
in loss of 1 house per year**

Communication of Change

- How to develop widespread understanding?
- Gain acceptance of realities of change
- Appreciation of the technical, economic & environmental *limits* to available options
- Shoreline management needs to adopt a long term view

**East Head
in 1778**





Chichester
CCLW

East Head

Perch and
Lifebuoy Stand

National Trust

The Spit

Snowhill Creek

Mud

Mud

The Winner

THE HINGE

East Head
1971

Mud

Mean High Water
Path

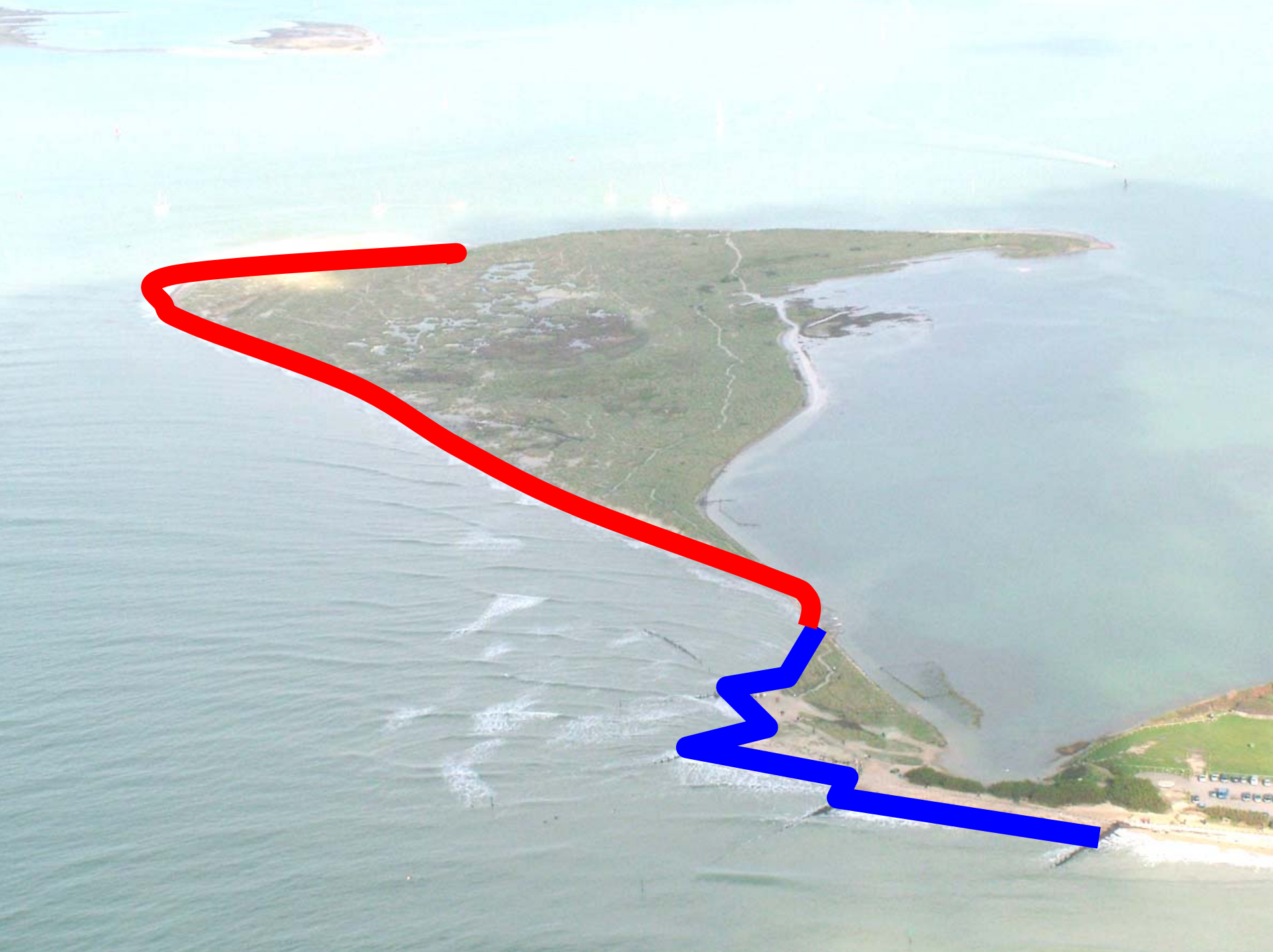
Snow

Path

Drain
steward







An aerial photograph of a coastal spit. The spit is a narrow strip of land extending into the ocean, characterized by a series of parallel ridges and channels. The water is a deep green color. In the upper right, there is a parking lot with many cars and a grassy area. A yellow callout box with an orange border points to the back of the spit. A yellow arrow points from the callout box towards the back of the spit.

**Recharge to
back of spit**

Adapting to Change

- Coasts change and will continue to do so
- The mosaic of coastal habitats, species and ‘geodiversity’ *needs* to change
- Take an ‘ecosystem’ approach
- Sustainable management is good for wildlife *and* people
- ‘Management’ will be needed to deliver sustainable coasts
- Need for new management tools

Our Vision

*Making space for
people and wildlife*