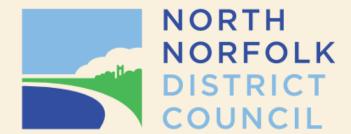


Appendix A – Key Challenges

and Erosion Risk in North Norfolk







The UK average temperature has INCREASED by **0.8 degrees**

since 1961-1990

By 2050 there could be a **65%** chance of a summer AS HOT AS 2018

The UK has seen a **16 cm**SEA LEVEL RISE since 1900

Summer temperatures could be up to

7.4°C hotter
by 2050,
while winters could be up to
4.4°C hotter

By 2100 summer rainfall could

DECREASE

by up to **62%**

There could be up to 59% more

PRECIPITATION
in winters by 2050

In 2020 there are **5.2 million** homes and businesses at risk of FLOODING

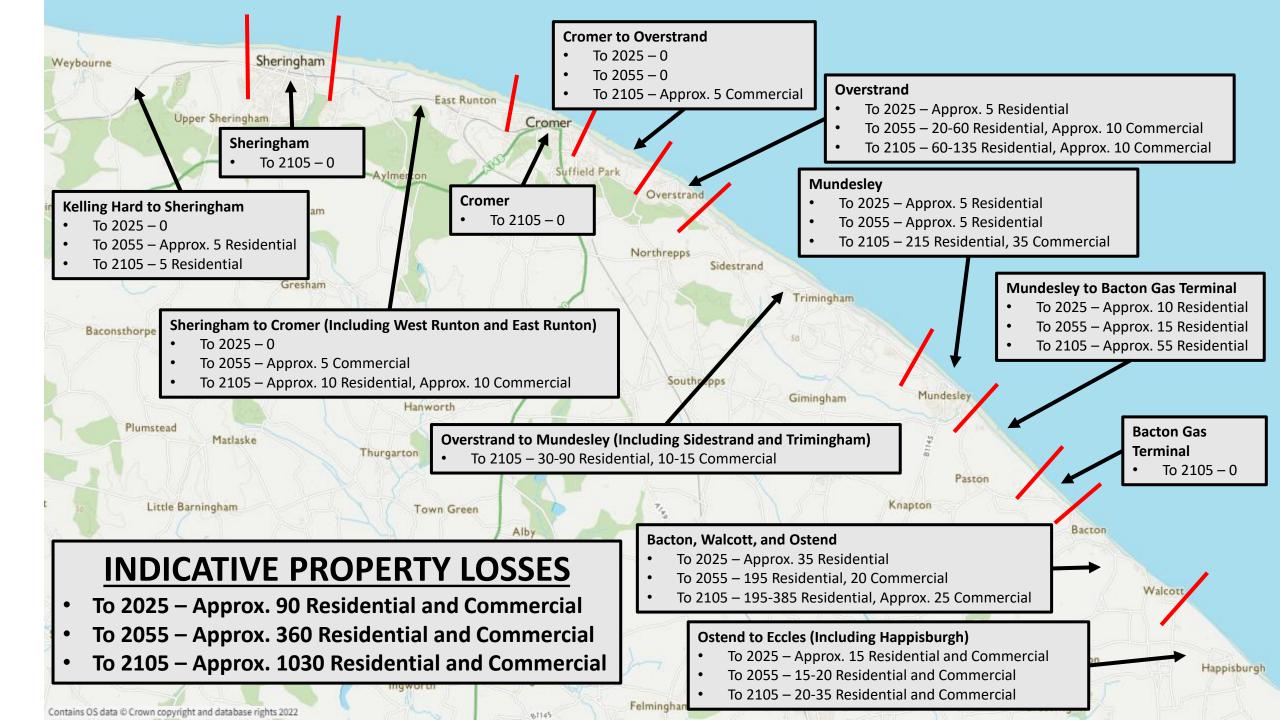
Up to 1.15m SEA LEVEL RISE

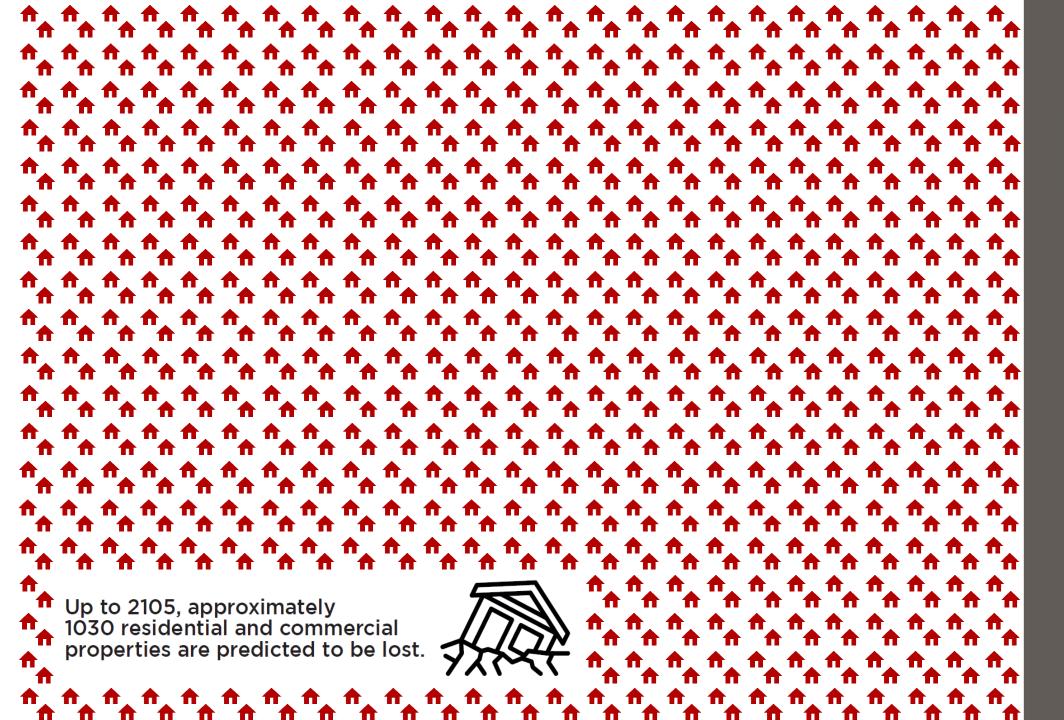
Climate challenges





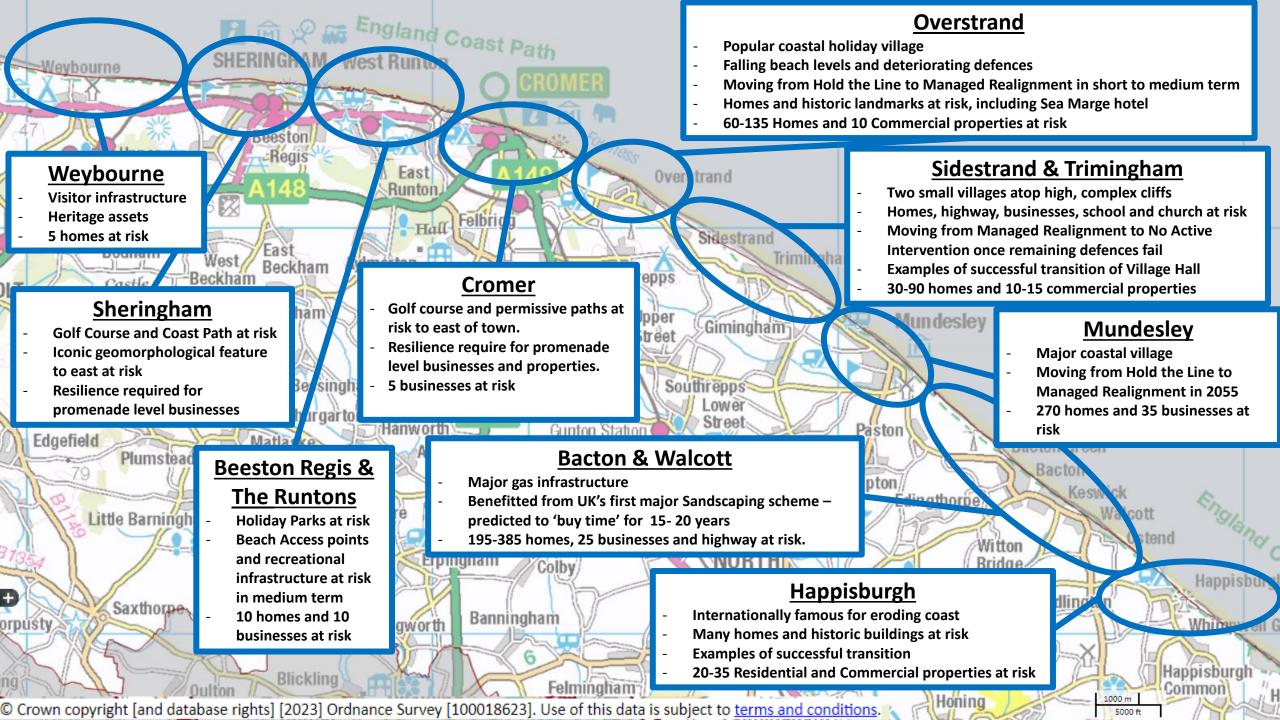


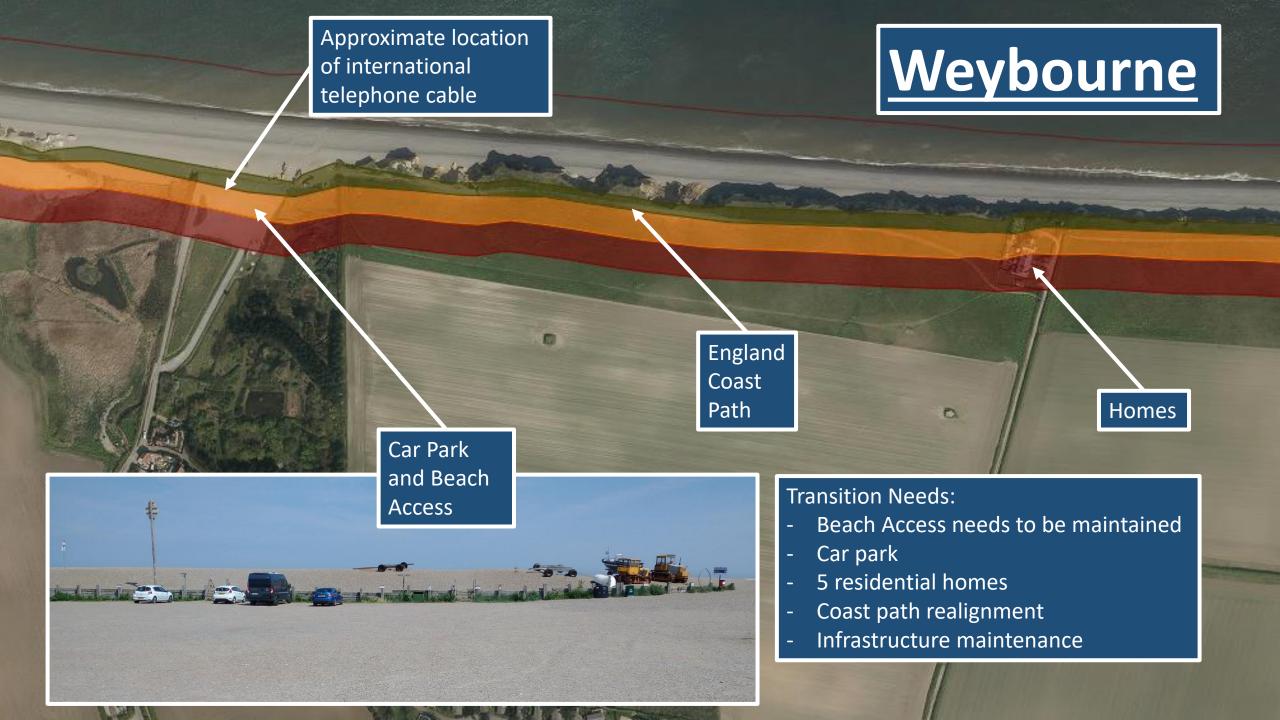




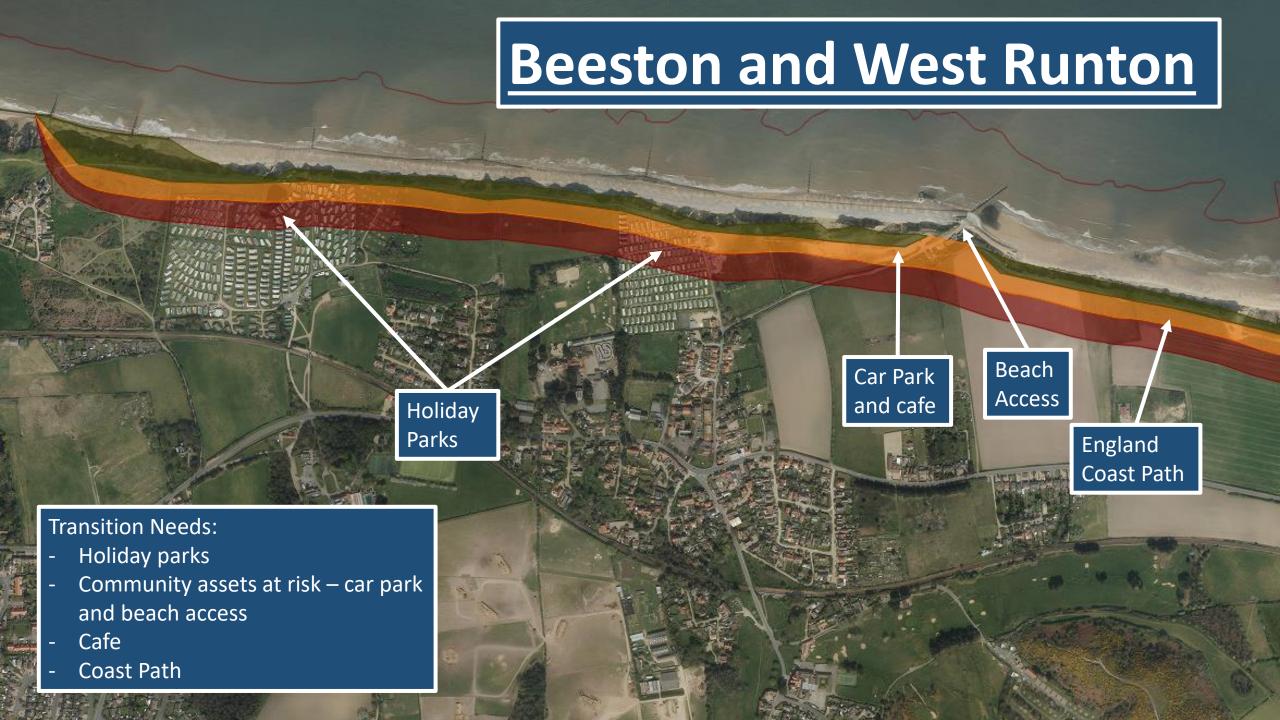


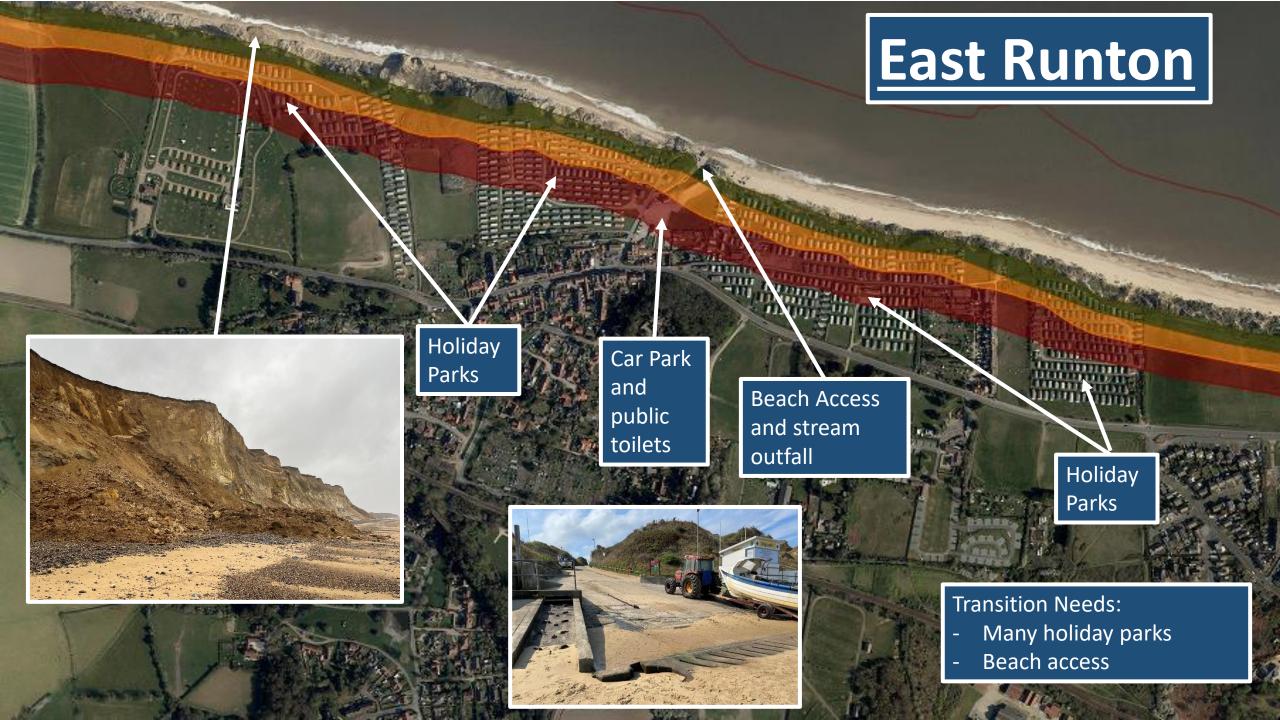
north-norfolk.gov.uk

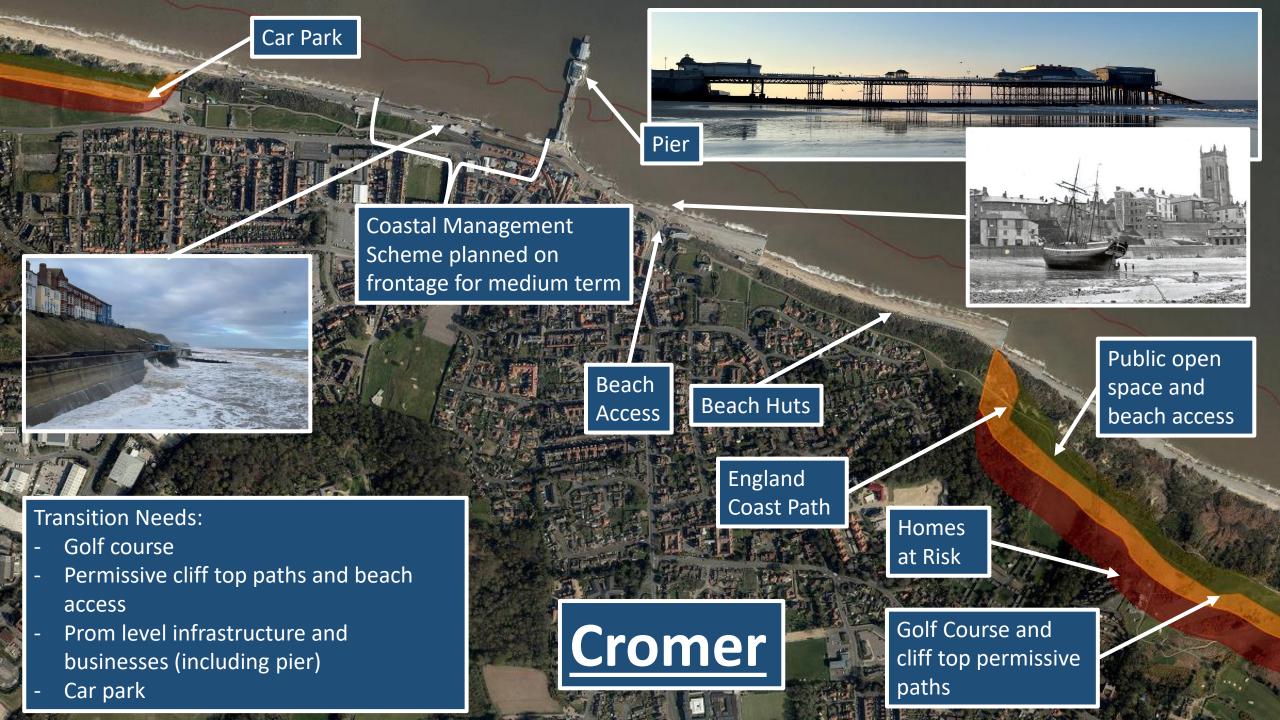


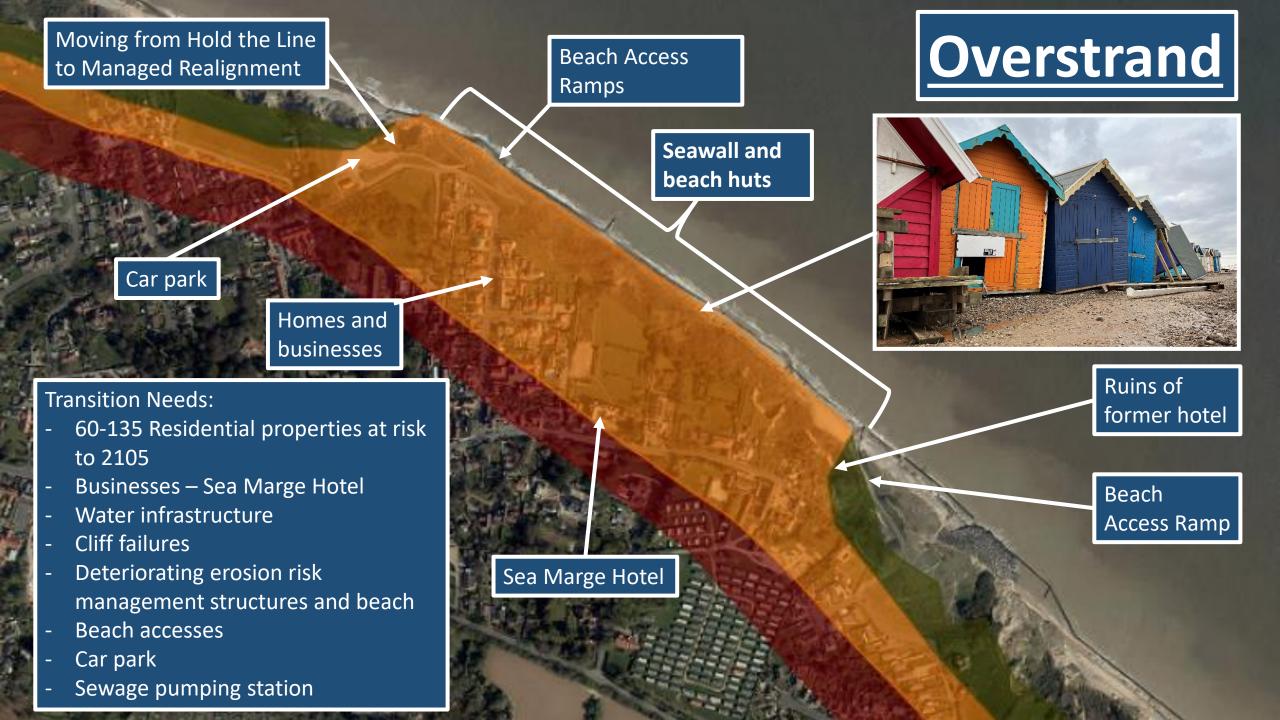
















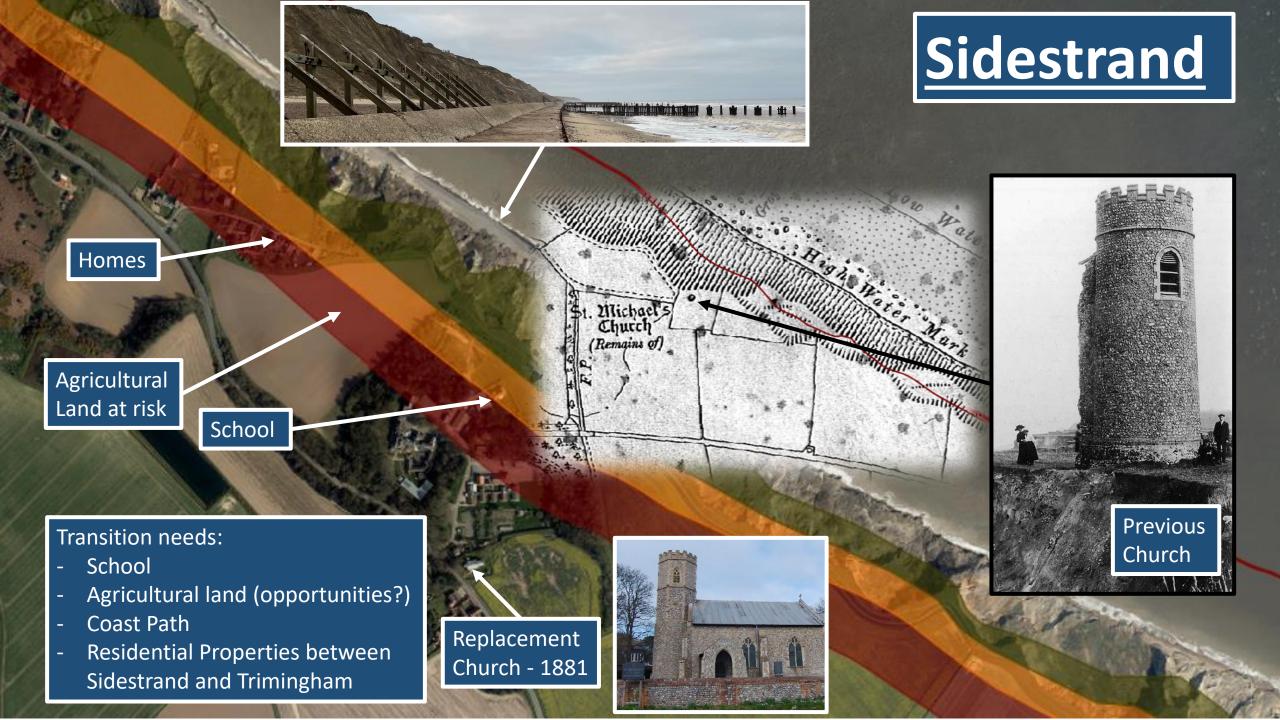


The Sea Marge Hotel – Transition Planning

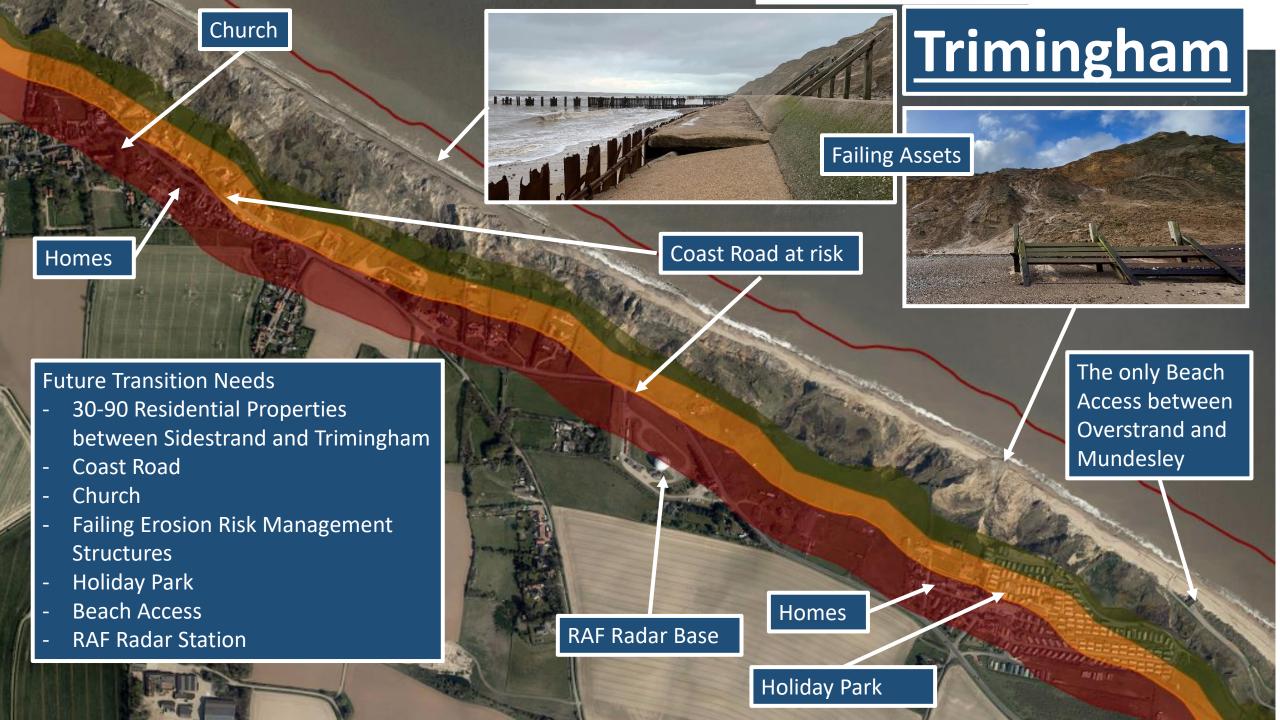
- Historic permission for two storey bricks and mortar extension to rear of hotel
- Hotel is in Epoch 2 (indicative erosion up to 2055)
- Applied for permission to site seven movable lodges in grounds instead of extension.

This was seen as a pragmatic approach to the risk of coastal erosion and in line with an adaptation approach

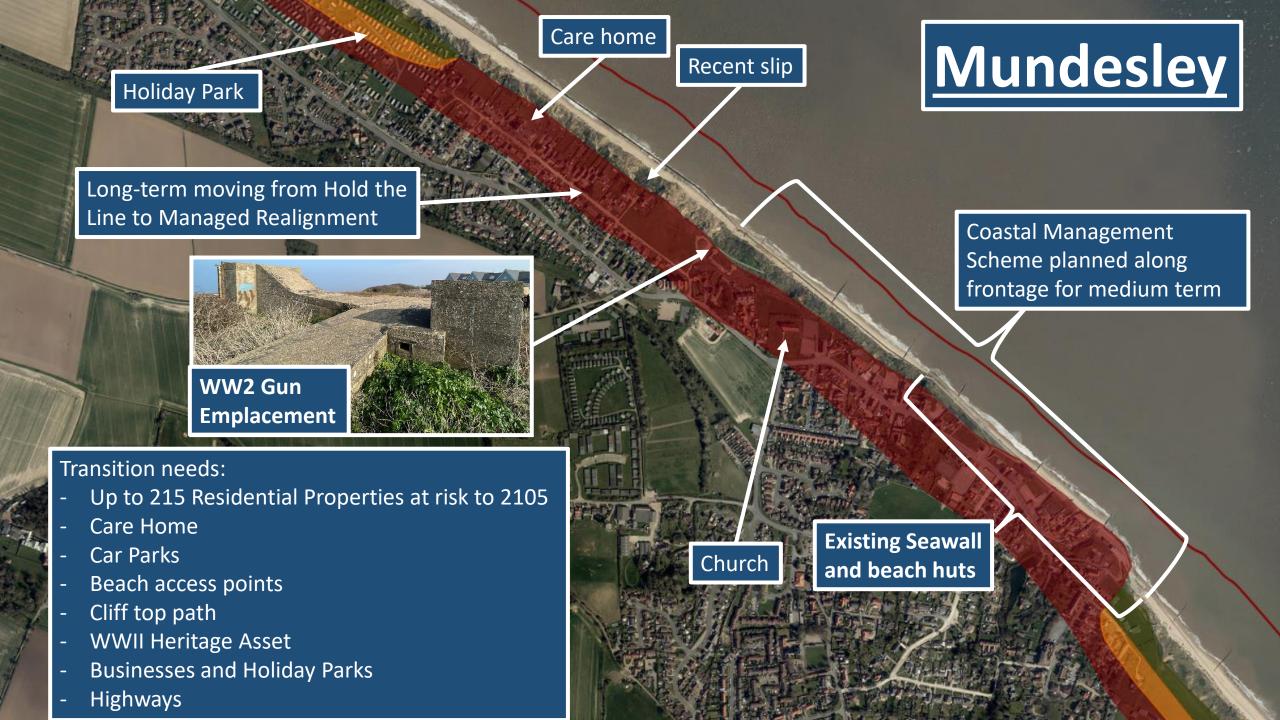








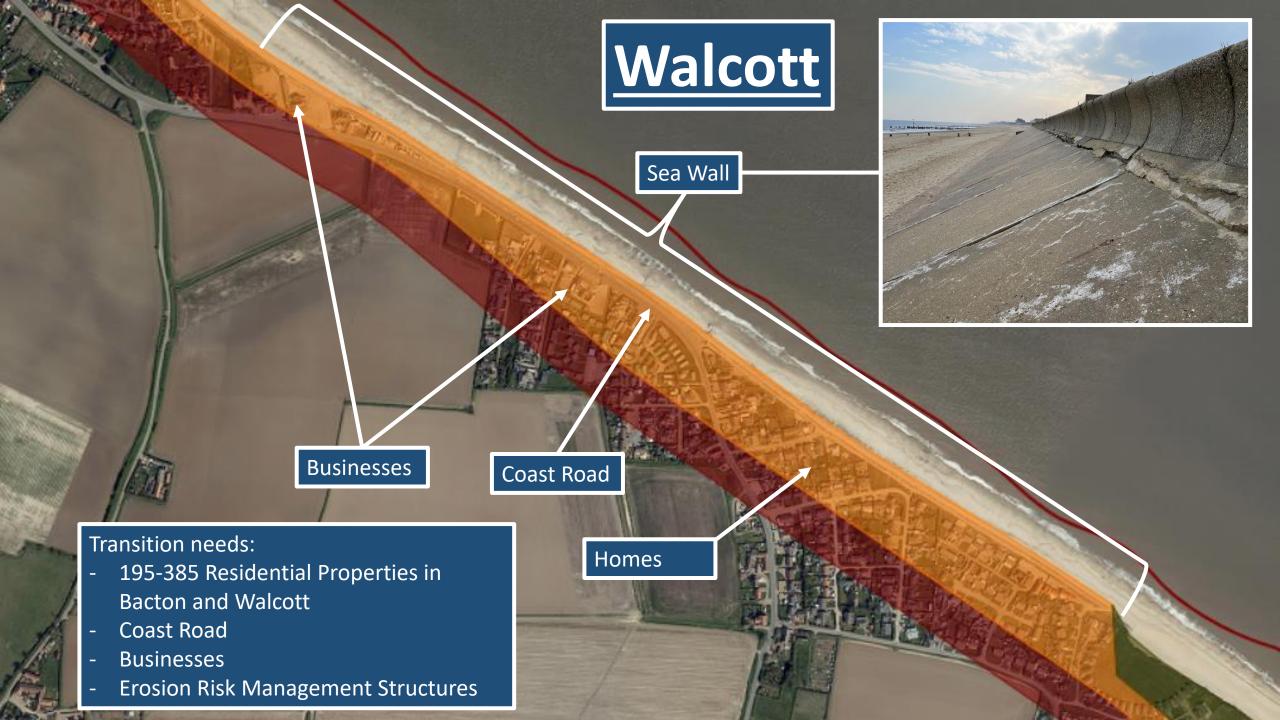








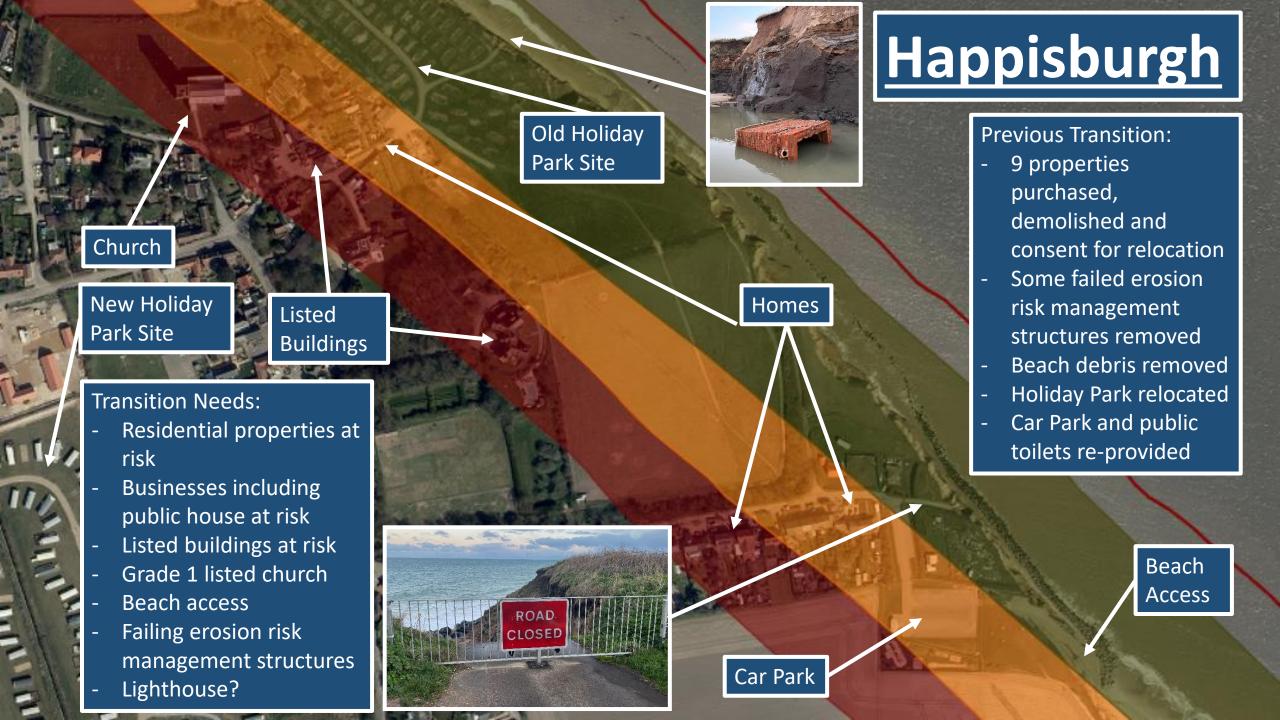


















































Coastal transition accelerator programme

Part of the £200m

Flood and coastal innovation programmes