

# Yaverland Coastal Defence Scheme

The Environment Agency, in partnership with the Isle of Wight Council, are progressing plans to upgrade 1.2km of coastal defences in Yaverland and Sandown to reduce the impact of flood and coastal erosion.

## Location



## The challenges facing us

- ◆ Increased frequency of storms and more severe storm events due to climate change
- ◆ Coastal defences are ageing and increasingly susceptible to storm damage
- ◆ Increased risk to people, property, businesses and infrastructure
- ◆ Protected habitat at Brading Marshes under threat



## What have we been doing so far?



Outline Business Case submitted to independent assurance board. Approval unlocked £2 million to progress the scheme to detailed design stage in 2025.



Continued our commitment to make a positive contribution to landscape, ecology and heritage features by identifying essential mitigation and enhancement opportunities.



Programmed computer models to analyse the area and level of flooding anticipated under different scenarios.



Helped uncover fossils of dinosaur footprints during ground excavation work.



Held community engagement events to give us early feedback.

## Why do we need to refurbish the seawall?



Reduce the risk of coastal erosion and flooding to 168 homes



Better protect 118 businesses, plus transport and utilities



Help to protect over 300 hectares of habitat over the next 50 years



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