

## **Flood and Coastal Adaptation Case studies**

### **The Thames Estuary 2100 Project**

Thames Estuary 2100 (TE2100) is an Environment Agency project to develop a tidal flood risk management plan for the Thames estuary through to the end of the century. Using the latest climate change scenarios and models, and taking account of future sea level rise, the final plan will recommend what flood risk management measures will be required in the estuary, where they will be needed, and when over the coming century. The final plan will also be flexible to ensure that it can be adaptable to sea levels rising faster, or storm surges becoming more intense, than anticipated.

Preliminary findings show that the Thames Barrier, with some adaptation, will continue to provide protection through to the end of the century. However, by 2050 we may need to improve many of the flood defence walls and embankments and that we will need to create new inter-tidal habitats to offset the impact of rising sea levels before 2030.

Further information can be found at: <http://www.environment-agency.gov.uk/te2100/>