



The Environment Agency and Climate Change

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We are at the frontline of climate change



➔ Flood risk



➔ Coastal erosion

➔ Water resources



➔ Wildlife and habitats

Flood Risk



- ➔ 1 in 6 homes in England are currently at risk of flooding
- ➔ Climate change could increase the risk

Coastal Erosion



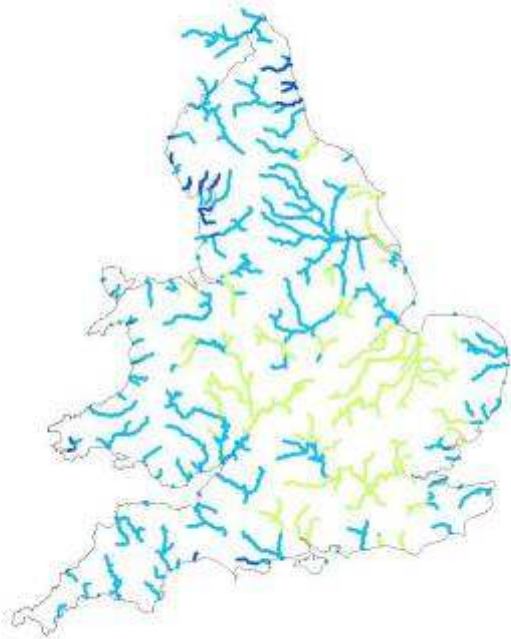
Environment
Agency



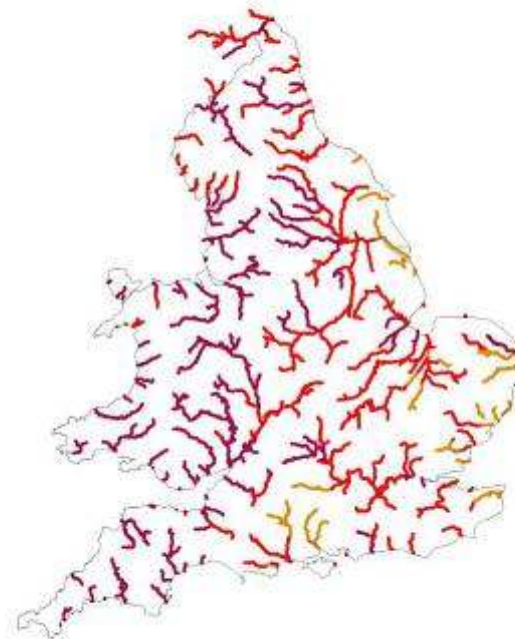
- ➔ 1m sea level rise by 2100
- ➔ Up to 1.9m sea level rise possible.

Changing climate – potential impacts on river flow

February

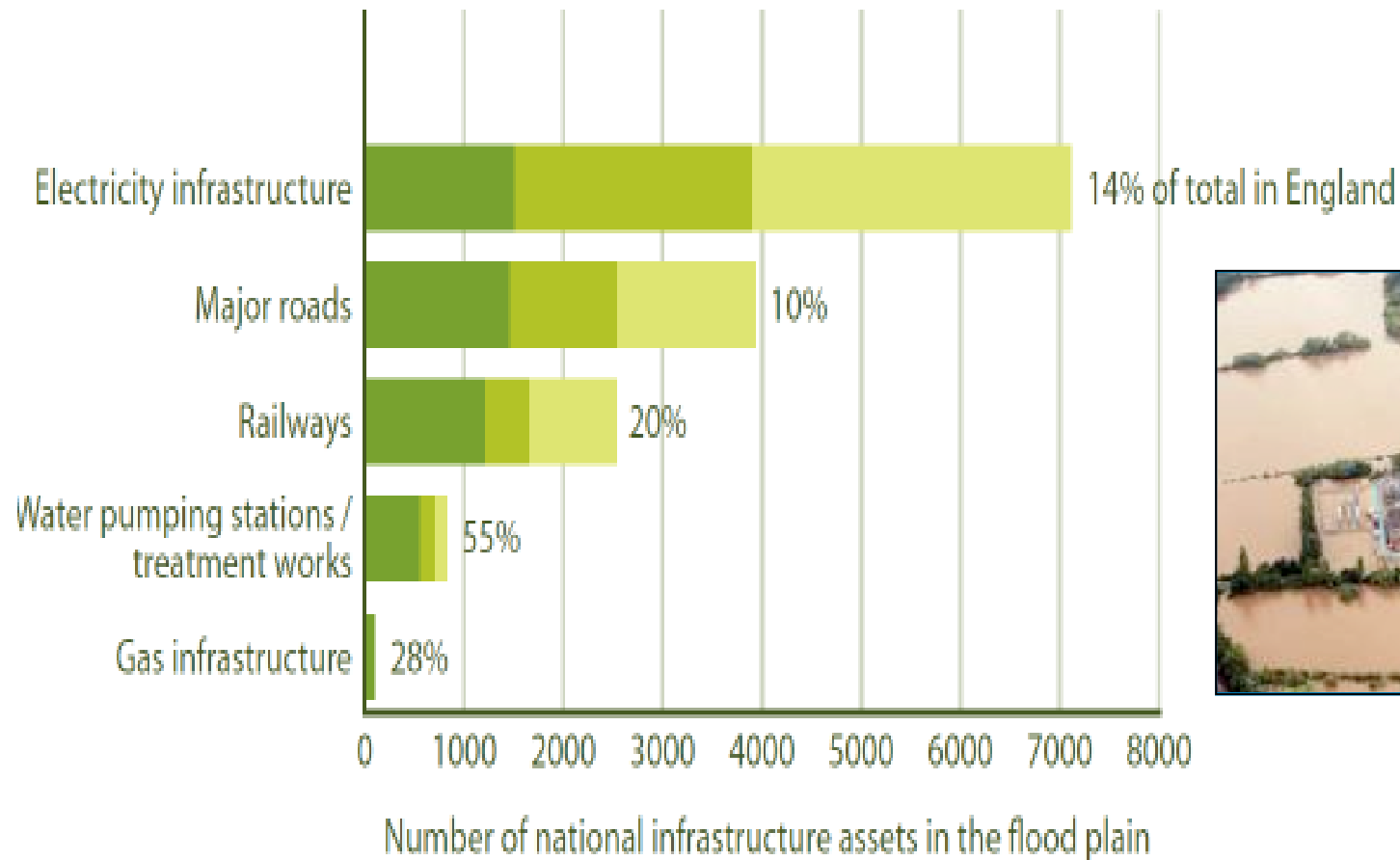


September



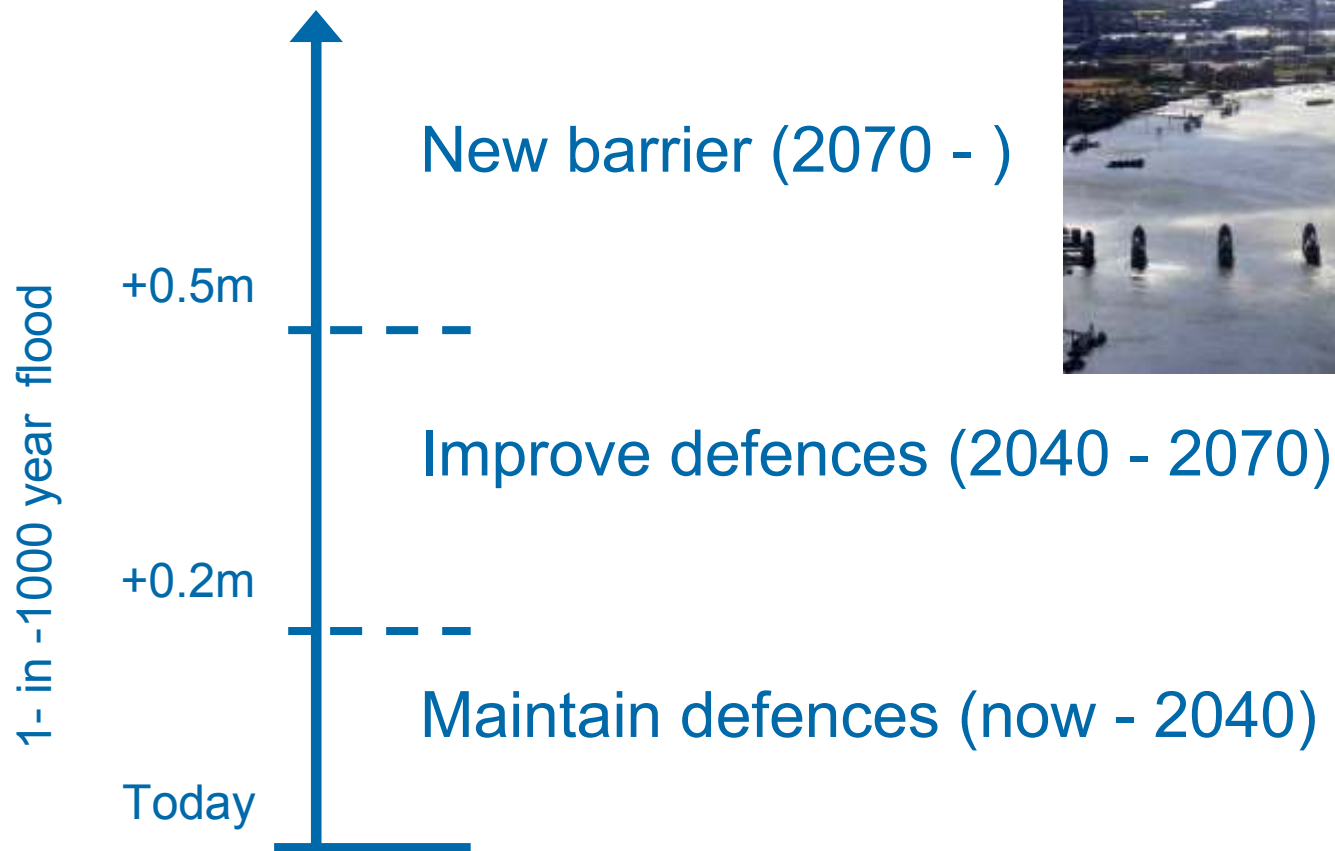
- ➔ Overall decrease in river flows
- ➔ Greatest decreases in summer and on hard rock catchments

Infrastructure at risk



Significant chance ■ Moderate chance ■ Low chance ■

Our Thames Estuary adaptive approach



The Adapting to Climate Change Programme

➔ Information and advice

➔ Capacity building

➔ Working in Partnership



A tailored approach

- ➔ Business and Economy
- ➔ Infrastructure
- ➔ Built Environment

- ➔ Health and Wellbeing
- ➔ Natural Environment
- ➔ Local Government



How can we help you and how can you help us?



Link to survey

[www.environment-agency.gov.uk/
research/132904.aspx](http://www.environment-agency.gov.uk/research/132904.aspx)