# An adaptation pathway in action: the Thames Estuary 2100 Plan





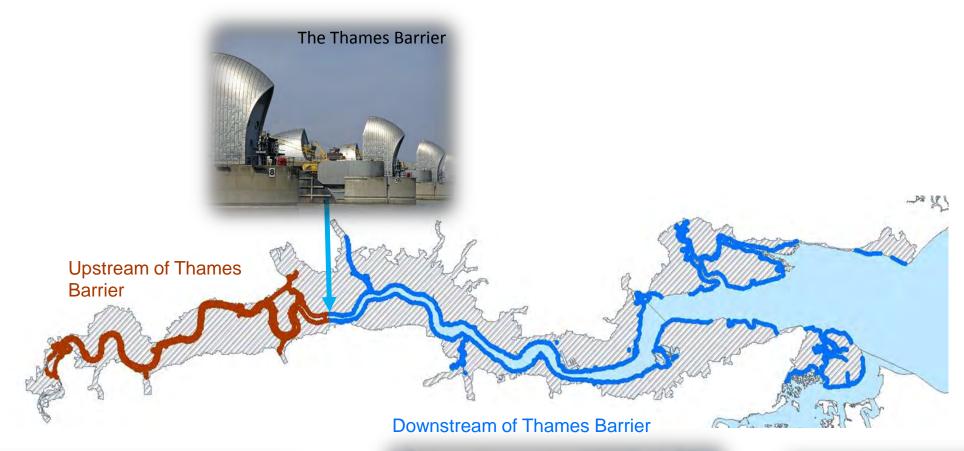




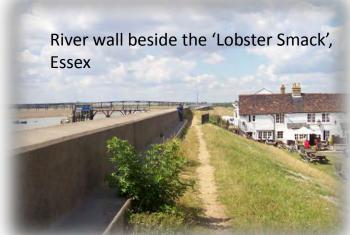
### Introduction









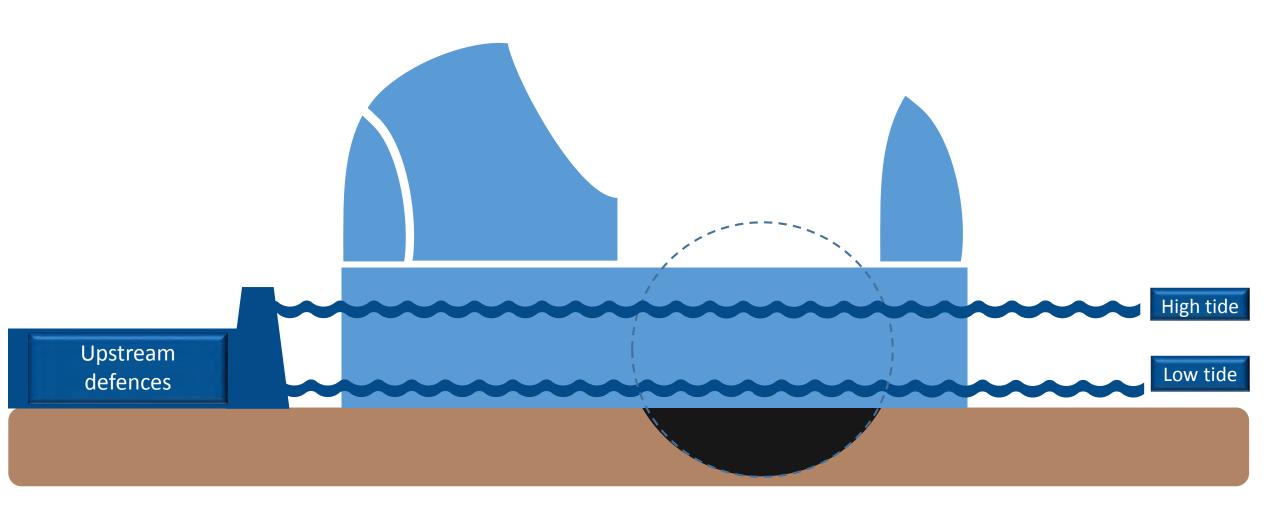




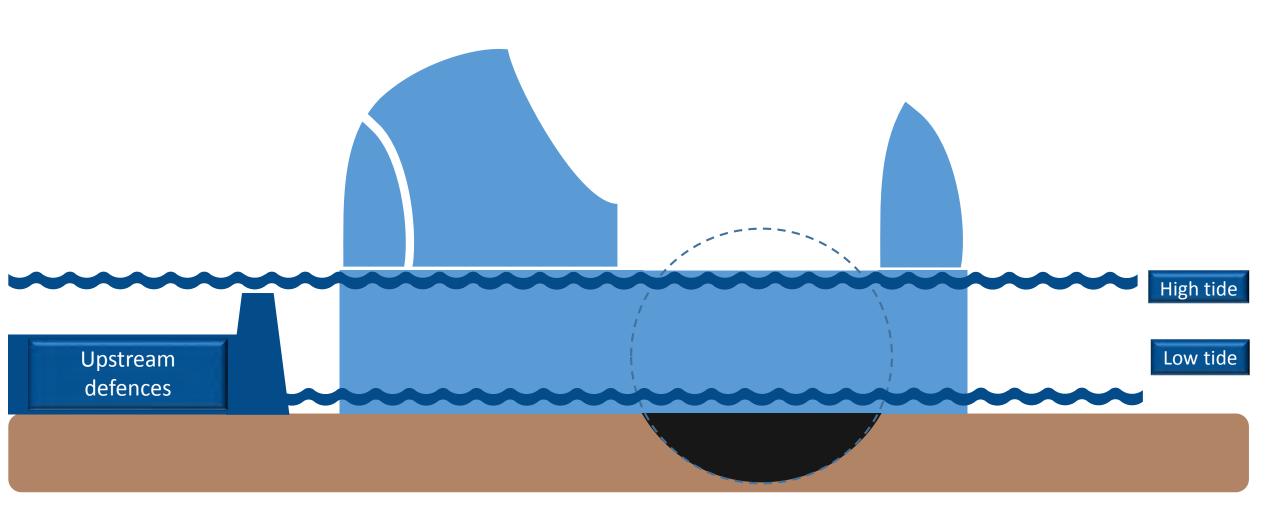




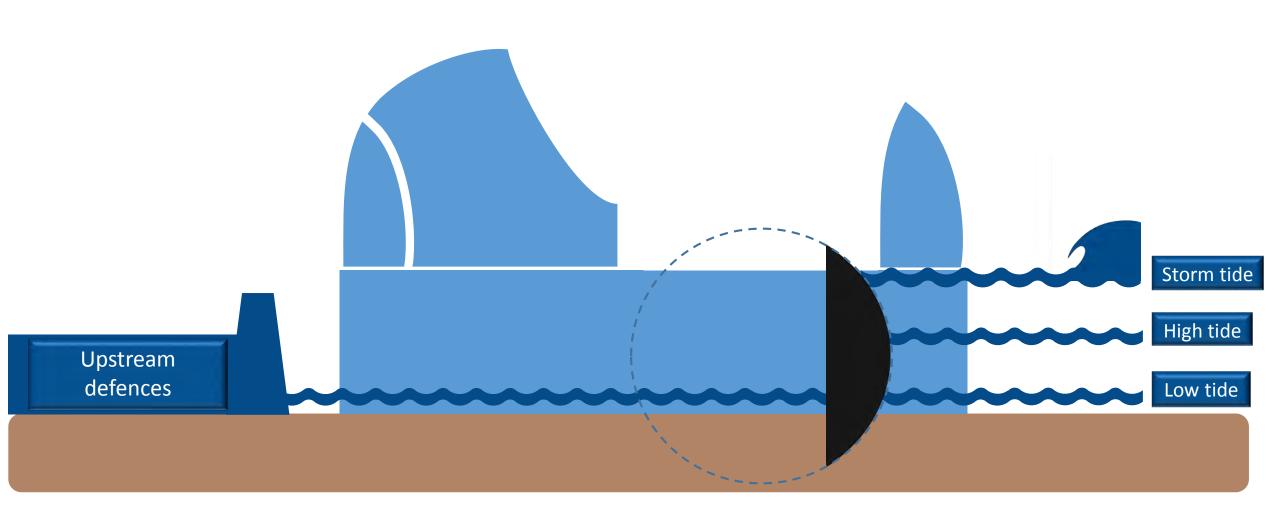




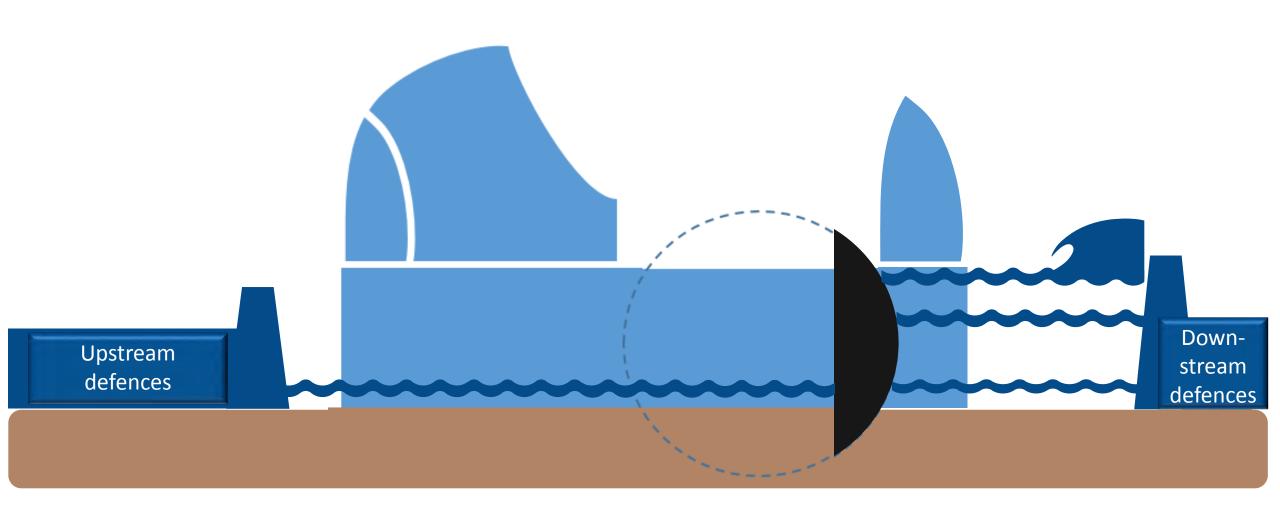




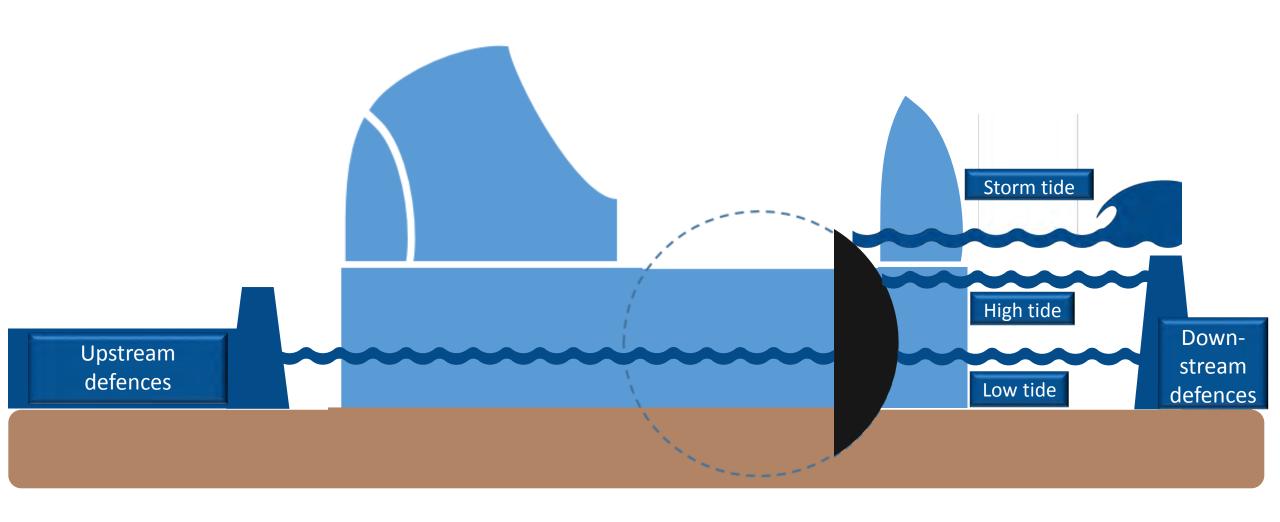




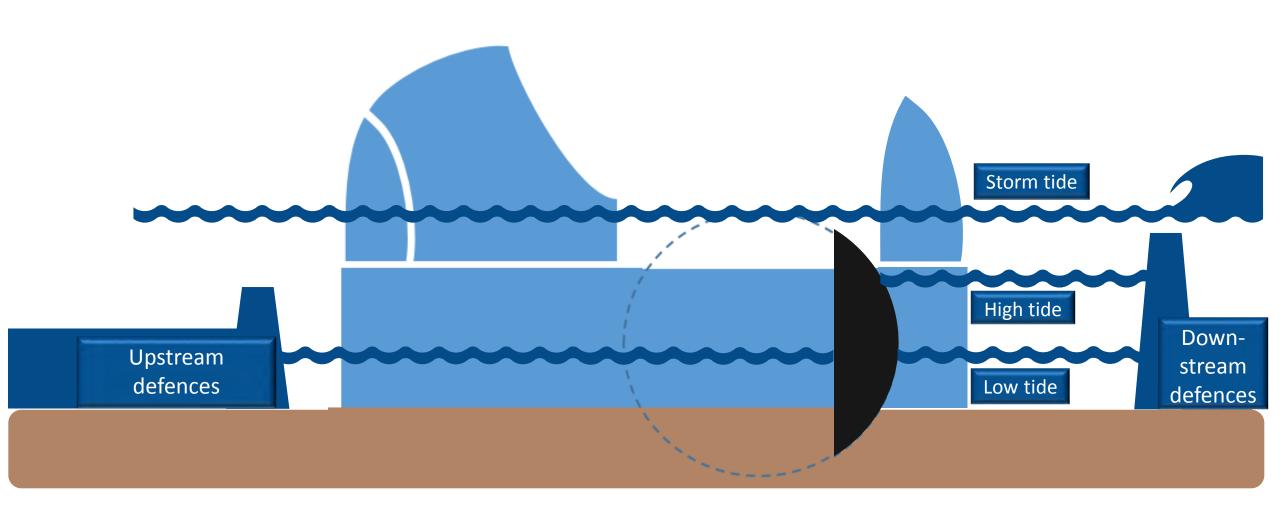










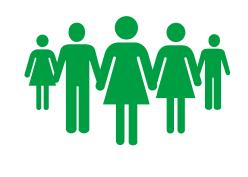




## Impact assessment











# The adaptation pathway





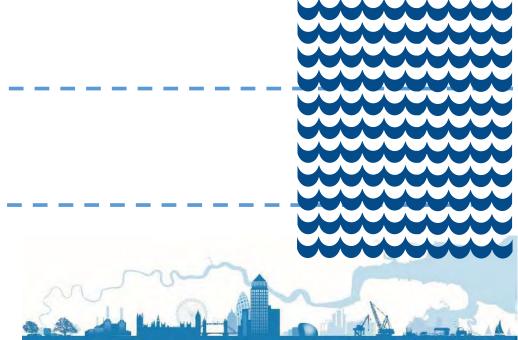
Storm tide would go over top of Thames Barrier

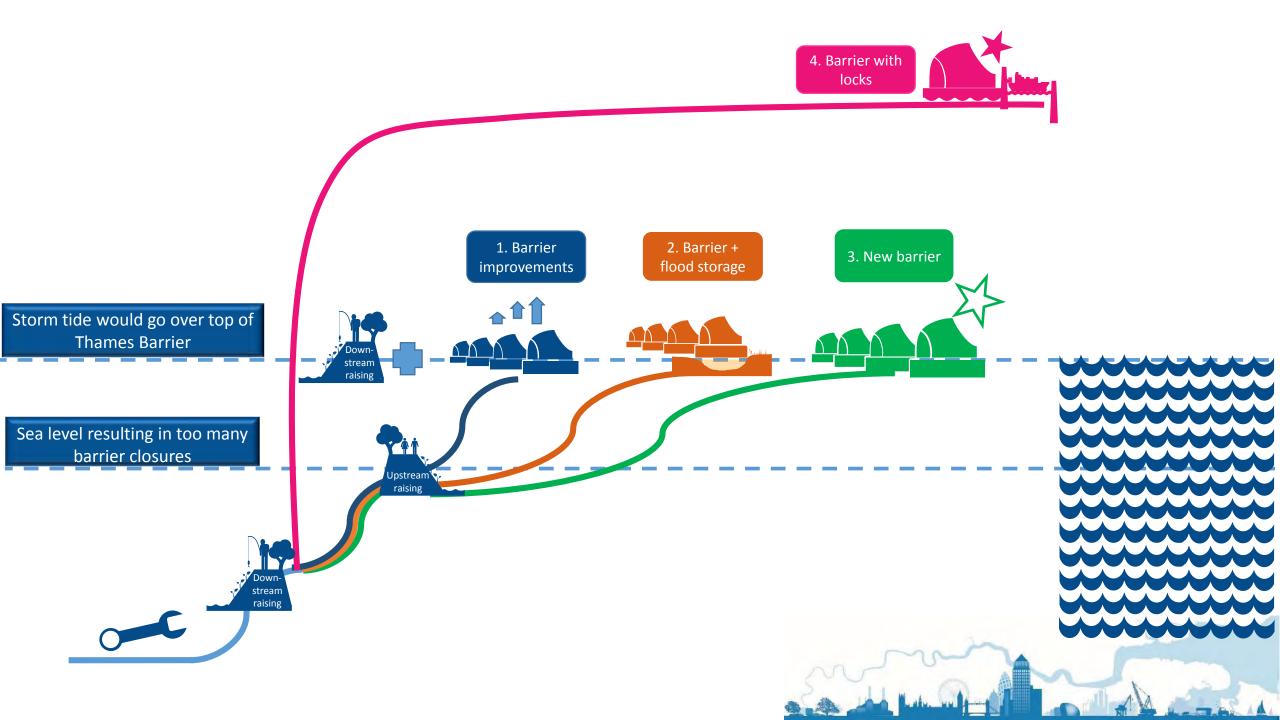
Sea level resulting in too many barrier closures

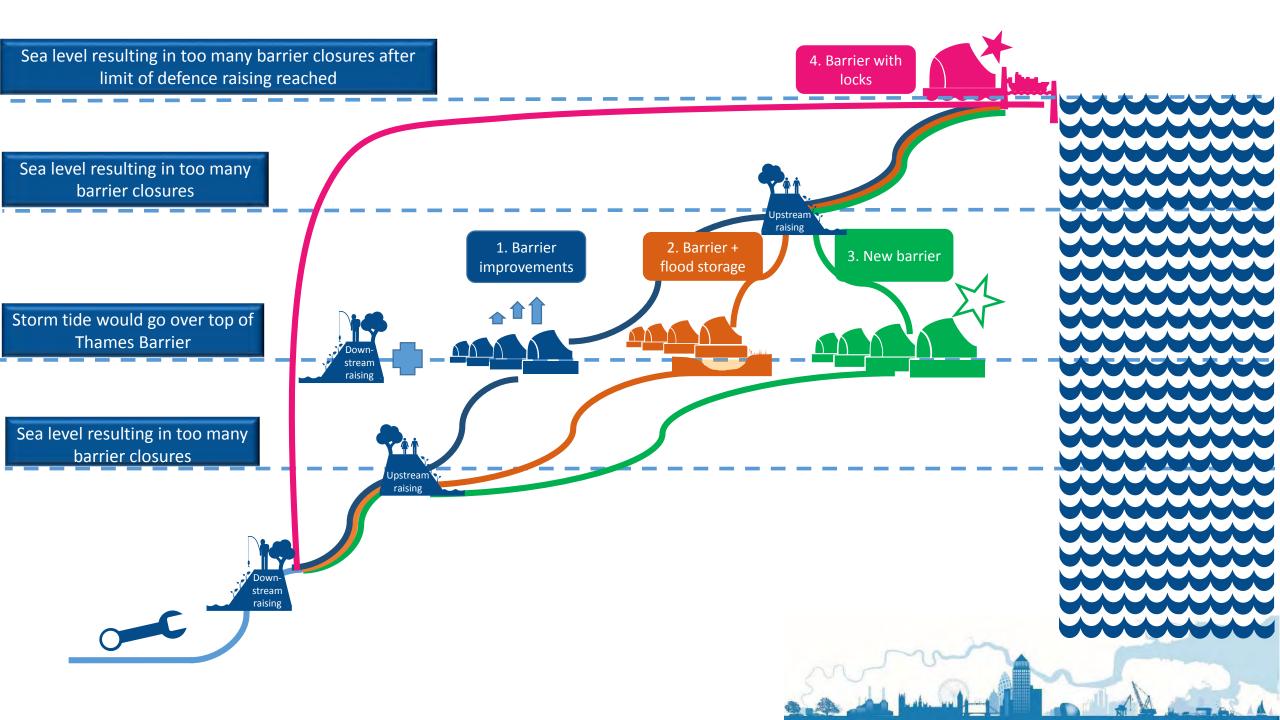
Storm tide would go over top of downstream defences

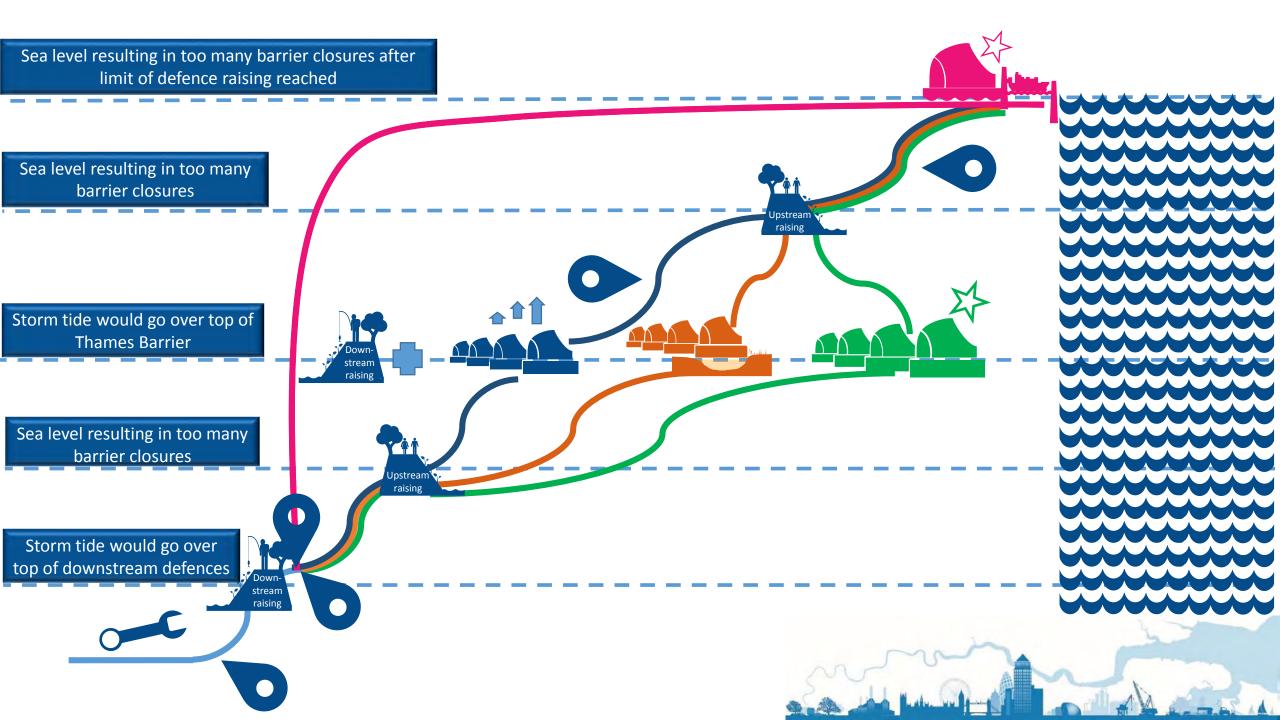


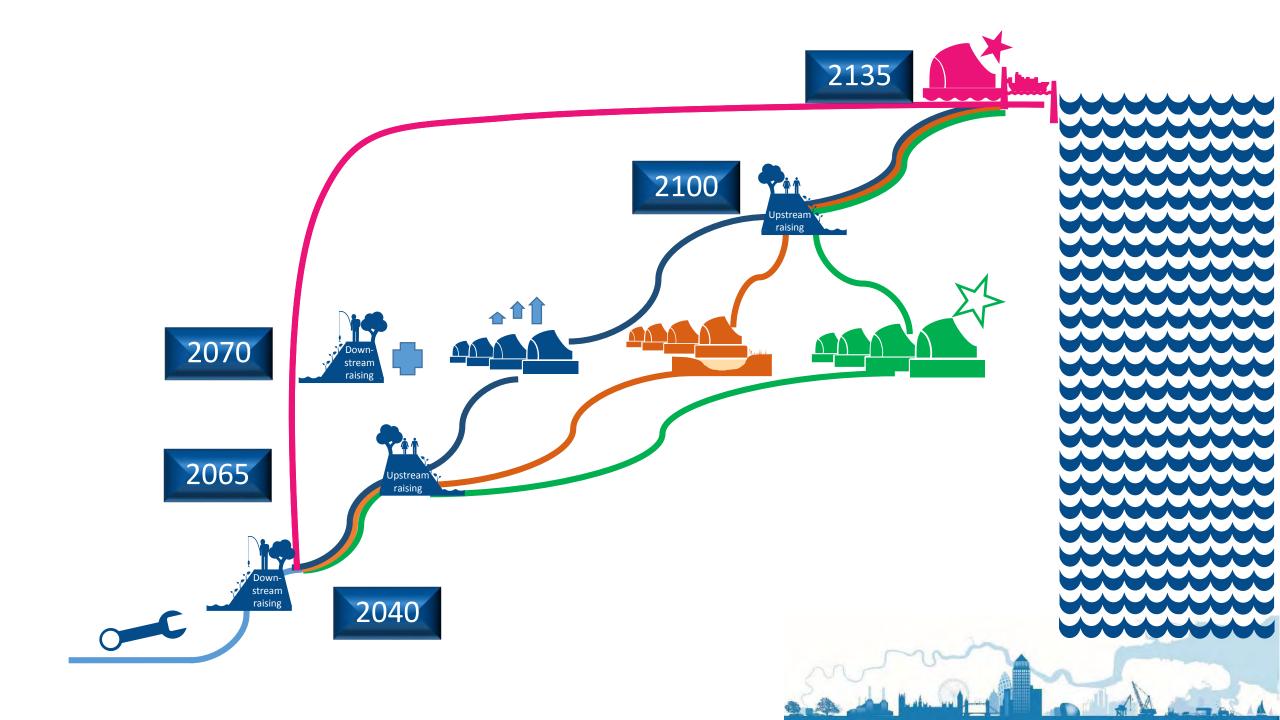
stream raising

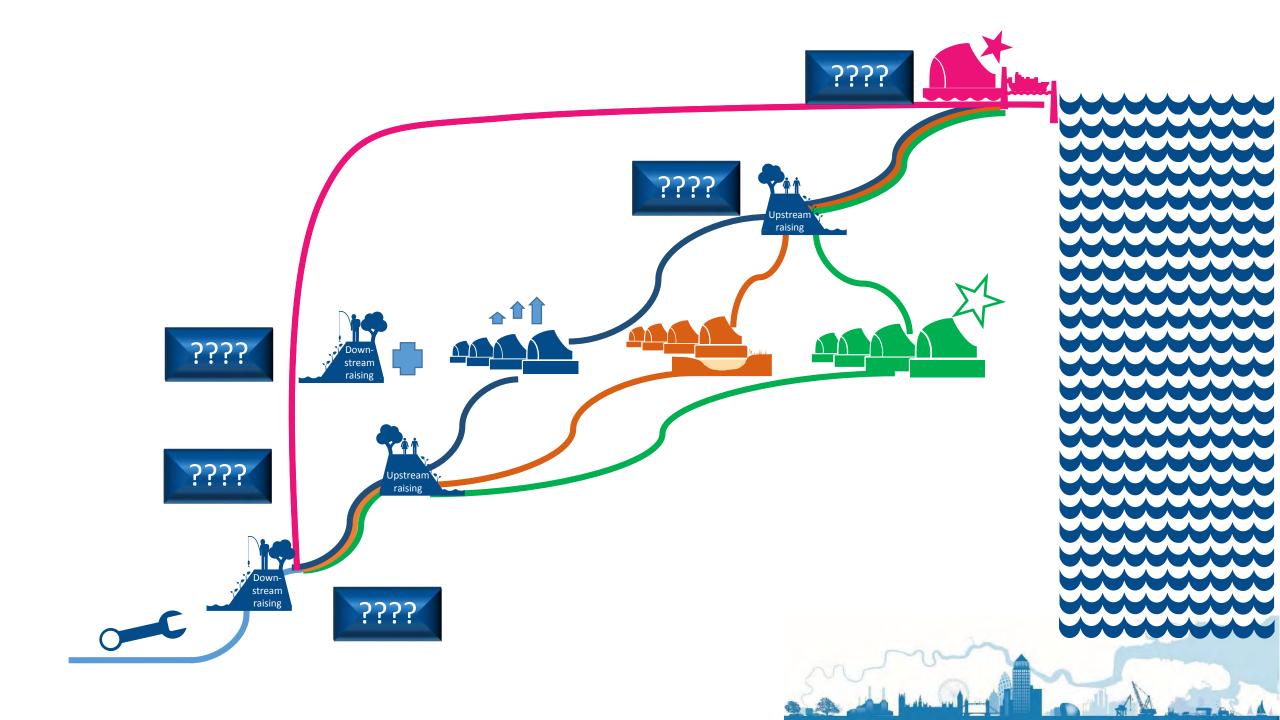




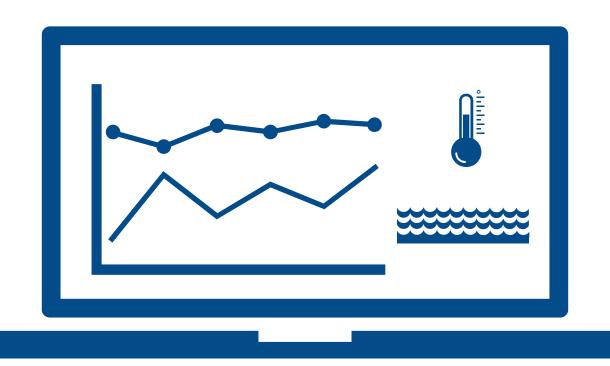








## Monitoring







Sea level



**Extreme water levels** 



River (fluvial) flows



Condition of flood defences



**Barrier operations** 



Public and institutional attitudes to flood risk



#### **Habitat**



**Extent of erosion** and deposition



Social, cultural and commercial value of the estuary



People, property, critical infrastructure and policy



## Decision making in collaboration





Thamesestuary2100@environment-agency.gov.uk