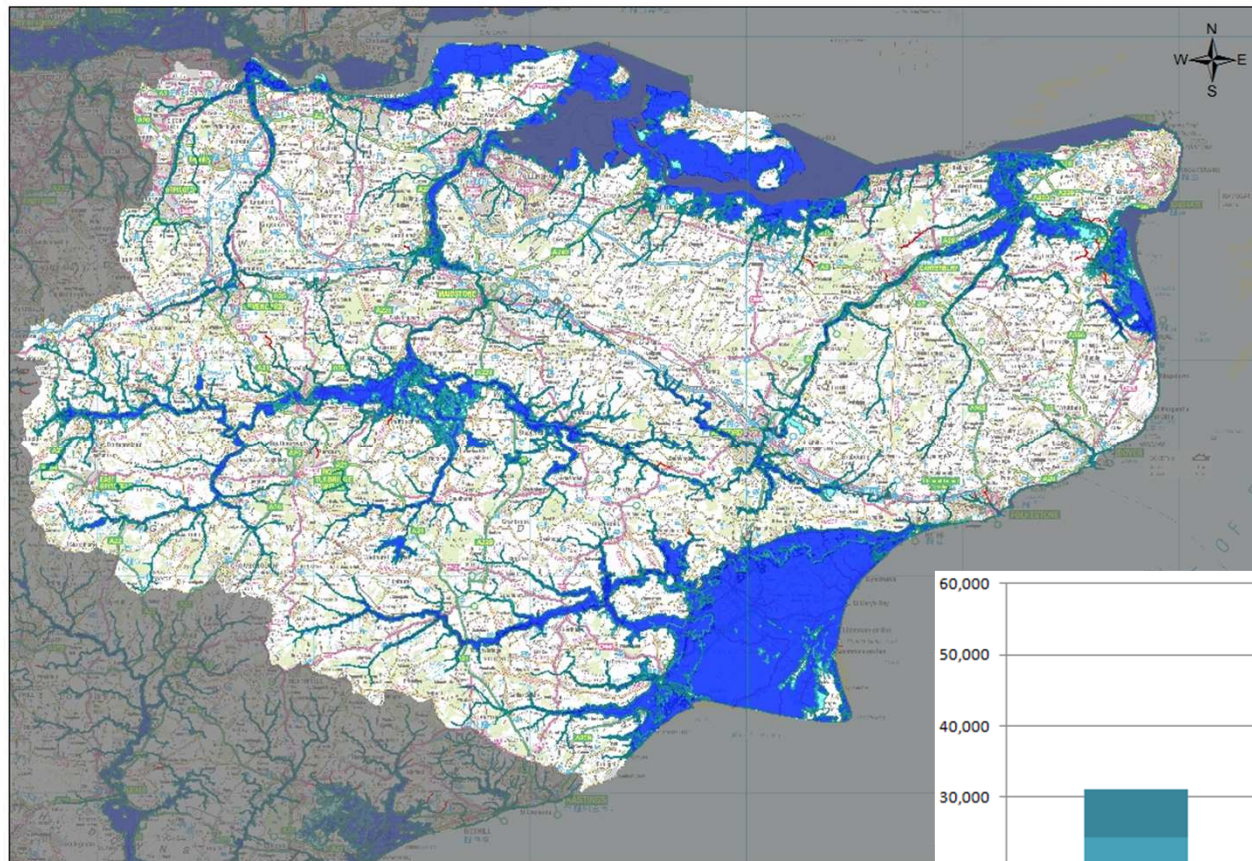




Flood risk in Kent

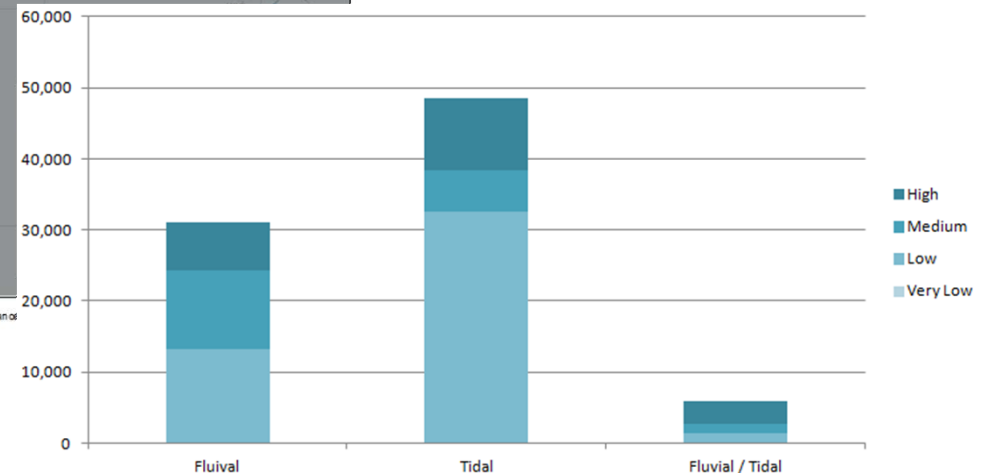
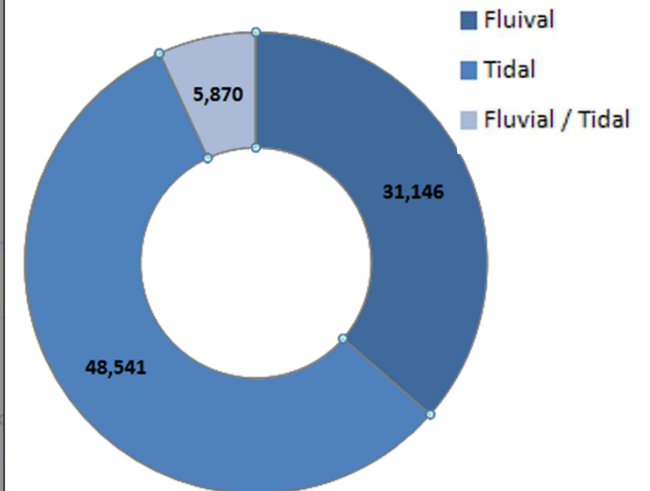
Flood risk in Kent

➡ In Kent currently 85,557 homes and businesses at risk of flooding from rivers and the sea



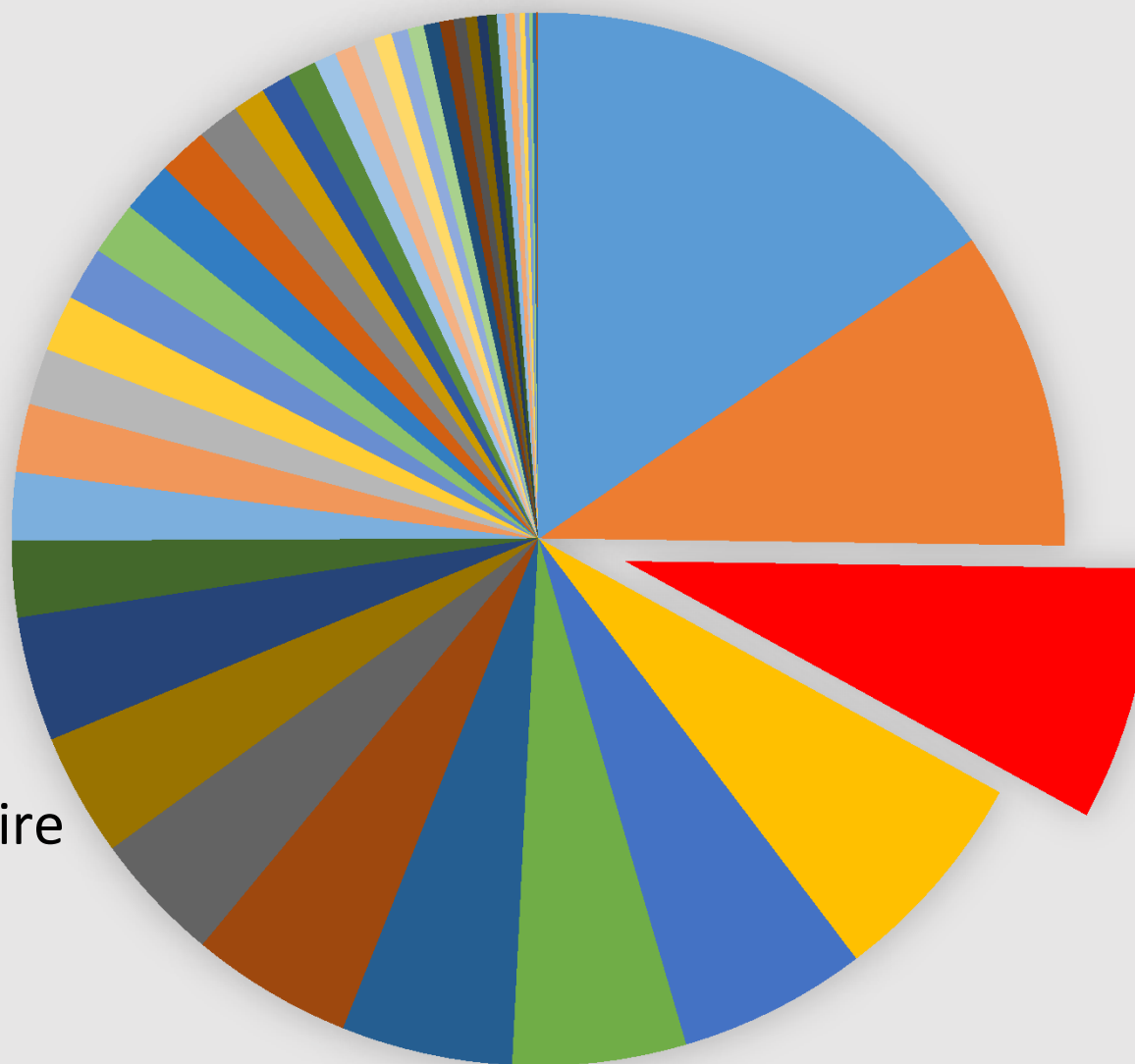
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Number of properties at risk of tidal/fluvial flooding in Kent



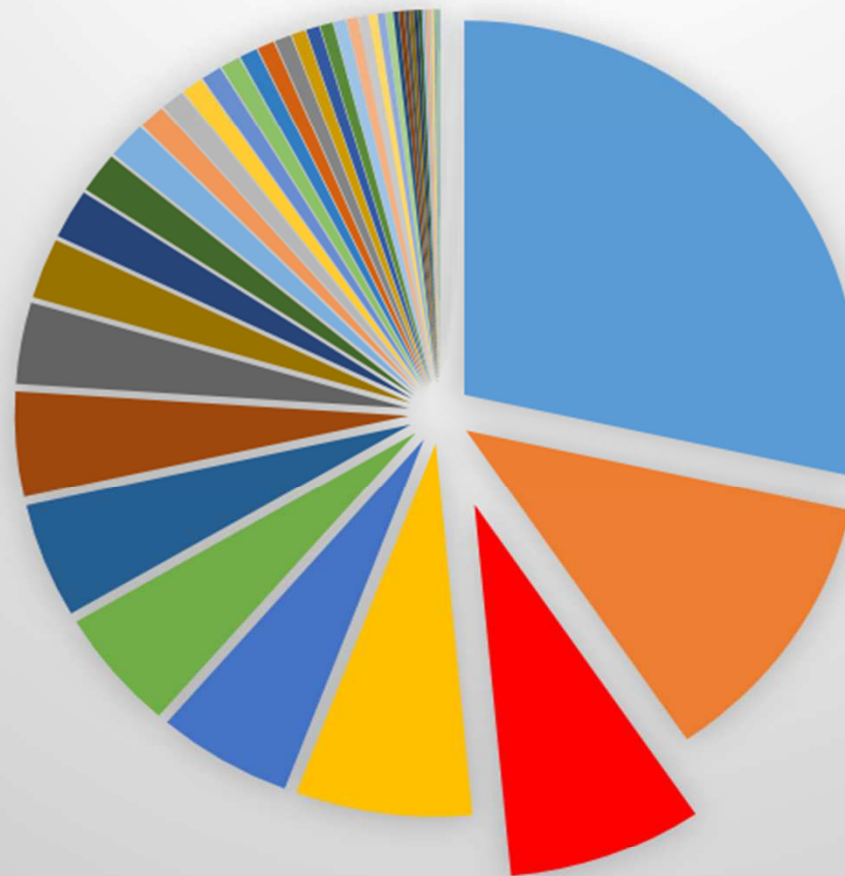
Total Project Expenditure 2016/17-2020/21

Yorkshire
£375M
Lincolnshire
£239M
Kent
£189M



- Yorkshire
- Lincolnshire
- Kent
- Hampshire
- Surrey
- Greater London
- Essex
- Oxfordshire
- Norfolk
- Lancashire
- Devon
- Derbyshire
- Cornwall
- Suffolk
- Dorset
- Somerset
- West Midlands
- West Sussex
- East Sussex
- Leicestershire
- Tyne & Wear
- County Durham
- Cambridgeshire
- Greater Manchester
- Northumberland
- Nottinghamshire
- Cheshire
- Gloucestershire
- Buckinghamshire
- Cumbria
- Berkshire
- Hertfordshire
- Isle of Wight
- Staffordshire
- Worcestershire
- Bedfordshire
- Wiltshire
- Merseyside
- Shropshire
- Warwickshire
- Herefordshire
- Northamptonshire
- Bristol
- Isles of Scilly
- Unidentified

Outcome Measures 2015/16-2020/21 Per County

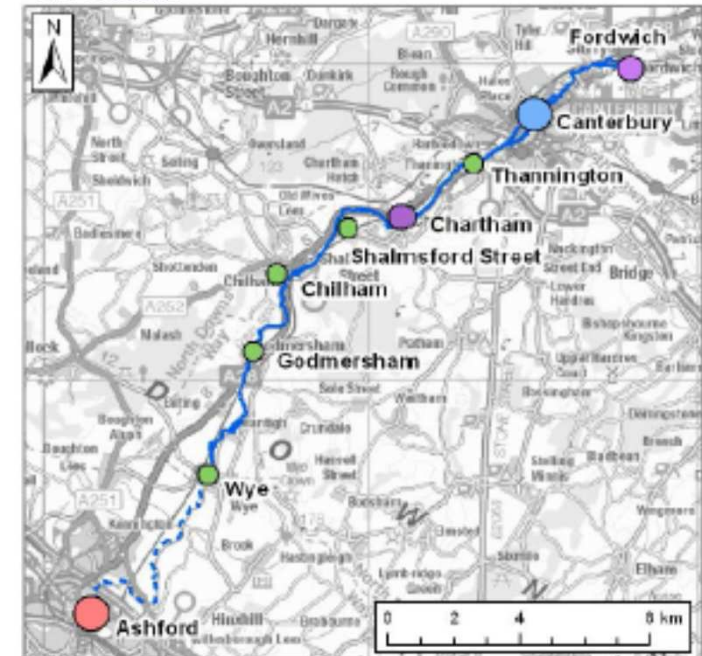


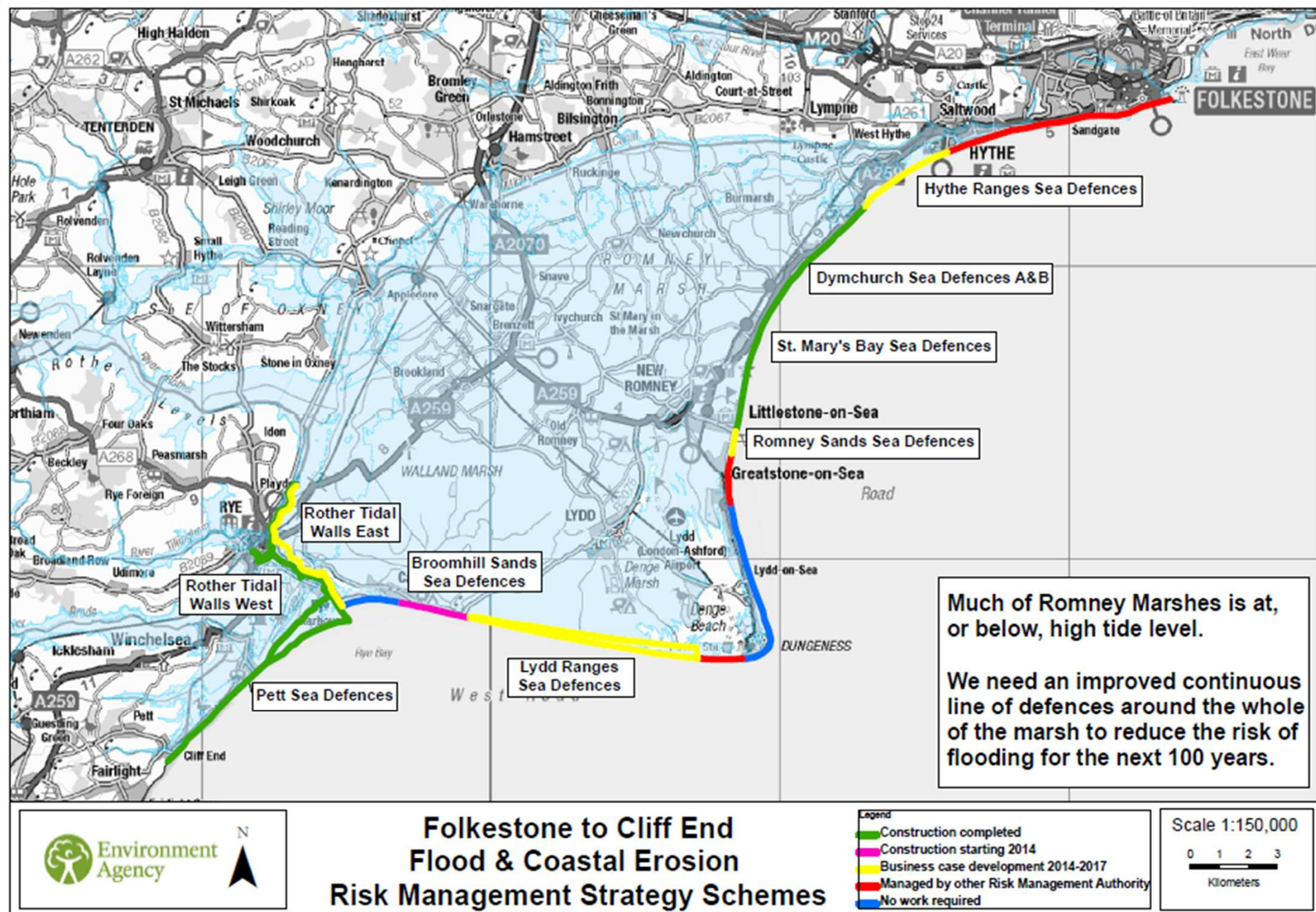
- Yorkshire
- Lincolnshire
- Kent
- Lancashire
- East Sussex
- Greater London
- Devon
- Hampshire
- Essex
- Leicestershire
- Surrey
- West Sussex
- Norfolk
- Greater Manchester
- Dorset
- Berkshire
- West Midlands
- Cheshire
- Somerset
- Derbyshire
- Cumbria
- Cornwall
- Tyne & Wear
- Oxfordshire
- Nottinghamshire
- Suffolk
- County Durham
- Merseyside
- Wiltshire
- Staffordshire
- Buckinghamshire
- Warwickshire
- Cambridgeshire
- Gloucestershire
- Isle of Wight
- Northumberland
- Bedfordshire
- Bristol
- Hertfordshire
- Worcestershire
- Herefordshire
- Shropshire
- Northamptonshire
- Isles of Scilly
- Unidentified

Yorkshire
97,097
Lincolnshire
41,161
Kent
27,313

Great Stour FAS

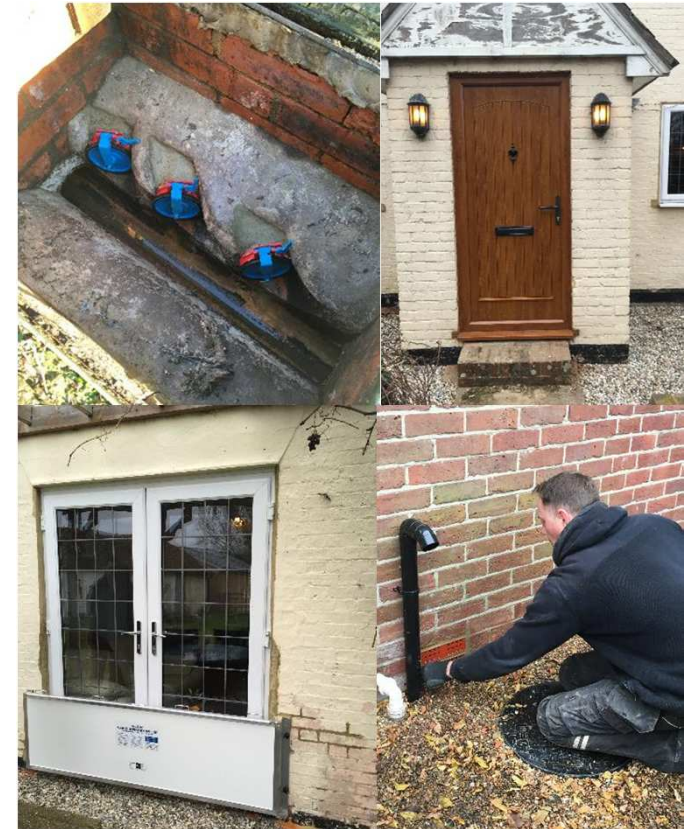
- Reduce risk of flooding from Great Stour to communities between Wye & Ashford
- Detailed Appraisal Stage completion 2019
- Current Business Case based on storage delivers:
 - 492 properties / 84 businesses
 - Cost £16M
 - Benefit Cost Ratio 13:1
 - Economic Benefits £199M
 - PF Score 81%
 - £2.7M External Funding Required
- Current Programme:
 - Full Business Case & Detailed Design Contract Award 2021
 - Build Completion 2023





Middle Medway Flood Resilience scheme

- ➔ Working with 8 Parish Councils in the Middle Medway
- ➔ £7,500 funding per property for Property Flood Resilience (PFR) measures topped up by Southern RFCC Levy funding
- ➔ PFR measures installed to 28 homes in Dec 2017
- ➔ PFR surveys completed on 247 homes with further installations planned for Autumn 2018
- ➔ Investigations underway for community resilience measures such as small walls and embankments to protect clusters of properties not suitable for PFR



Natural Flood Management – Defra Pilot Project



- ✓ Match funding from FRAMES (EU Funding)
- ✓ SERT leading - coordinator in post – Dean Morrison
- ✓ Project Board established to approve spend
- ✓ Pilot projects eg Bedgebury with Forest Enterprise
- ✓ 15 Landowners have expressed interest so far
- ✓ Each project will be evaluated against a range of Defra criteria

Leigh Expansion and Hildenborough Embankments Scheme

➔ Project Benefits:

- ➔ 1,500+ properties better protected
- ➔ 200 businesses better protected
- ➔ Unlocking economic growth



➔ Flood storage level 28.05 to 29.00m (AOD)

- ➔ 5.5m m³ to circa 9m m³
- ➔ Minimal upstream impact on landowners
- ➔ Widespread benefits in Hildenborough



Unlocking business and growth benefits

As well as better protecting 200 businesses, the scheme also aims to:

- ➔ Unlock new opportunities for residential and commercial development
- ➔ Create new habitats and leisure/recreation opportunities

Total scheme cost = £15.7m

Key funding sources:

EA GiA - £10.1m

South East LEP - £2.3m

Kent County Council - £2.6m

Tonbridge & Malling BC - £575K

The SELEP business case sets out that the scheme will enable:

- ➔ 100 homes completed by 2023 (1,480 new homes completed by 2031)
- ➔ 50 direct jobs created and safeguarded by 2023
- ➔ 100 associated jobs created by 2023 (1,400 new jobs created on unlocked employment sites by 2031)*
- ➔ 0.75ha of new employment land by 2023 (Over 13ha of new employment land in use by 2031)*

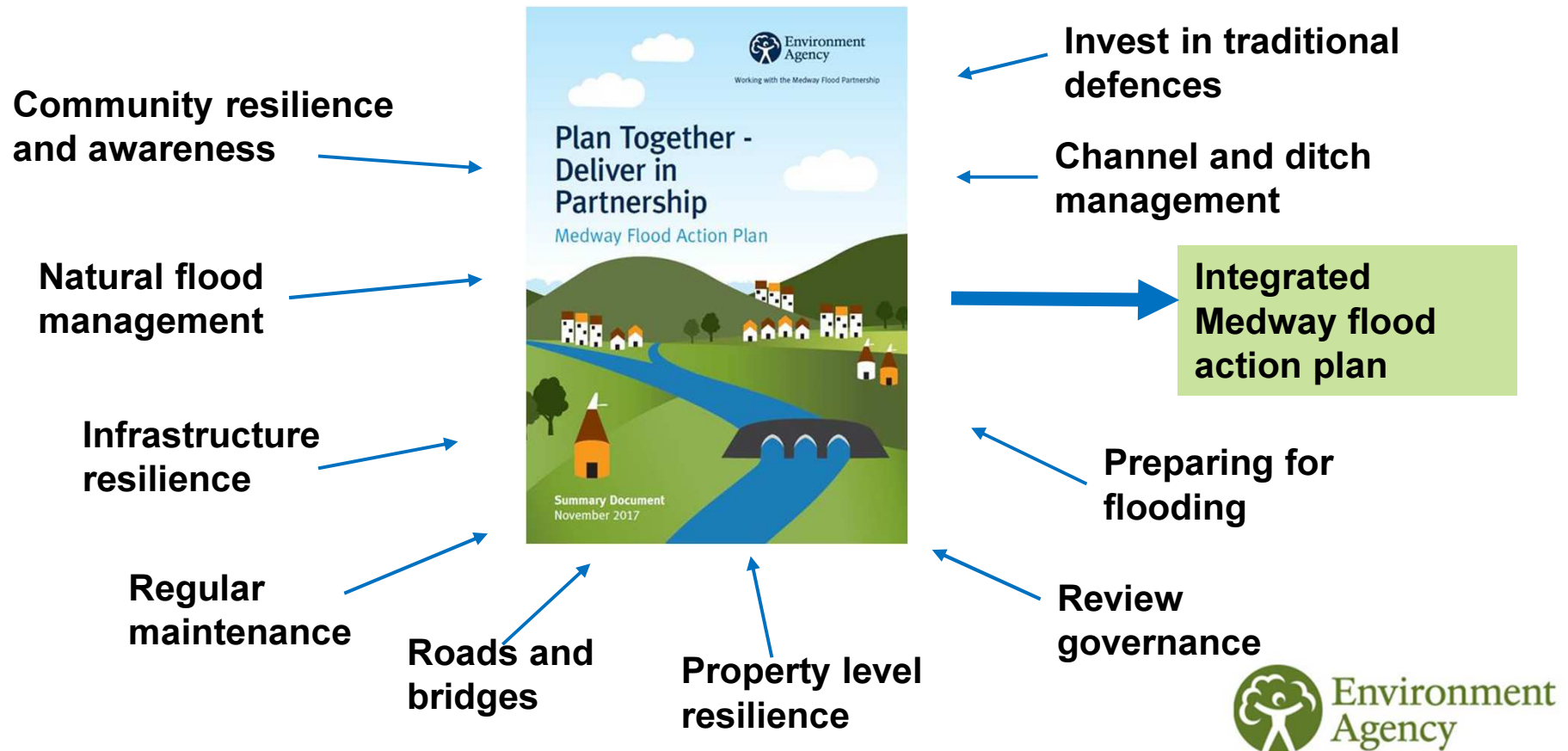
Partnership contributions are essential in unlocking Government funding

Scheme	Homes and business benefitting	Government allocation	Partnership contribution required
Increase capacity of Leigh + Hildenborough embankments	1,475 properties	£10.1 million	£5.5 million (£2.6m - KCC £575k - TMBC £2.3m - SELEP)

Without partnership contributions, this government funding would be lost.

Partnership working is the key to success and innovation

The Medway Flood Partnership brings together the wide variety of work that needs to be done by partners and communities to help manage the risk of flooding.



Key points

- ➔ Kent is a big winner for government investment in capital projects
- ➔ To unlock government funding for FCRM projects, we need partnership funding
- ➔ Partnership working is key to success and innovation
- ➔ Incorporating Natural Flood Management into schemes can help to deliver more, wider benefits

Thank you