

ESCP Coastal Management Performance Review



Planning Development, Policy Development Review
Panel - 13th March 2018

working together - protecting our coastline



**EASTERN
SOLENT | COASTAL
PARTNERSHIP**



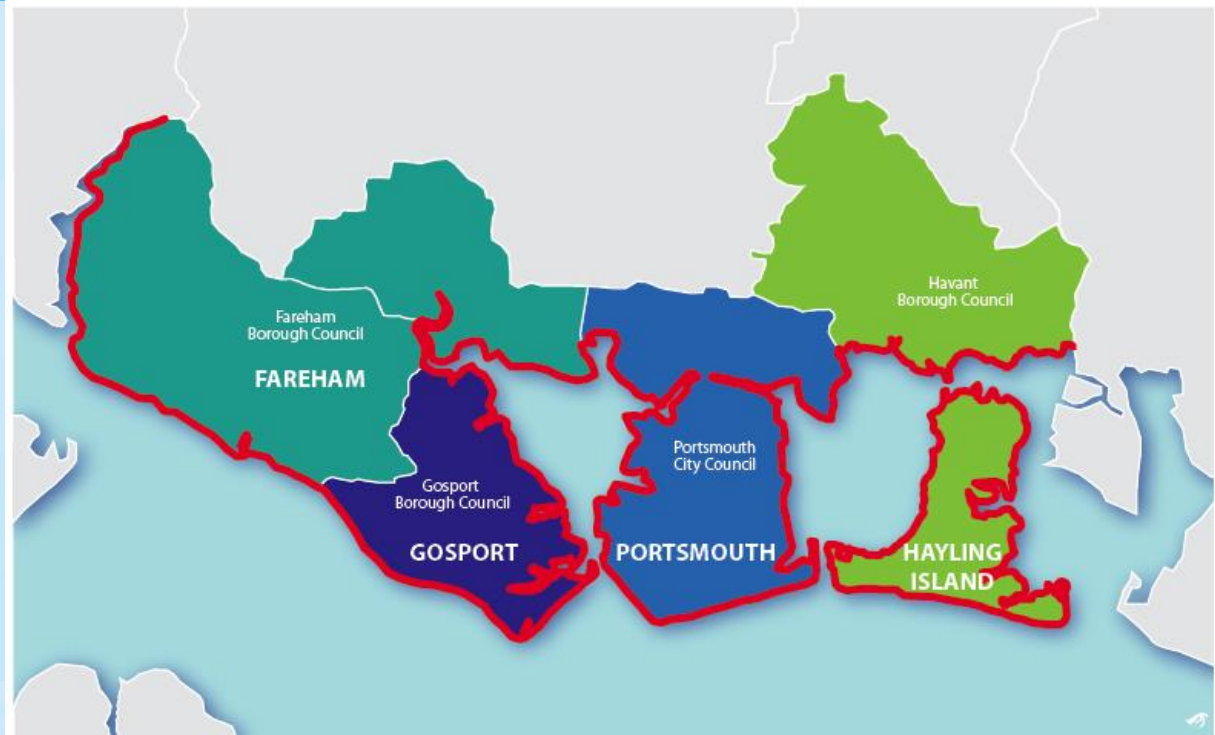
- Eastern Solent Coastal Partnership general progress
- Roles, Responsibilities and Policy
- Hill Head Project, Giblet Ore and Hill Head Road (East) update
- Beach Management Plan update
- Portchester to Paulsgrove Flood Risk Management Scheme update





Coastal Management Shared Service for 4 Local Authorities

“To provide an effective and efficient coastal flood and erosion risk management service across partnering authorities, through co-ownership of objectives and an equitable fee structure.”



GOSPORT
Borough Council

FAREHAM
BOROUGH COUNCIL



Portsmouth
CITY COUNCIL

Havant
BOROUGH COUNCIL





Partnership Overview & Future Projects

Portchester to Paulsgrove

Construction Value: £8 million
Partnership Funding: £3 million
Construction: Spring 2017.
Approx. 700 properties at risk of flooding over the next 100 years.

North Portsea Island

Construction Value: £58.5 million
Construction period: 2015 - 2022
Over 4000 properties at risk from flooding over the next 100 years.

Ports Creek

Construction Value: £ ...
Construction period: 2022

Anchorage Park

Construction Value: £ 5.5 million
Construction period: April - Autumn 2015

Tipner Lake

Construction Value: £ 10 million
Construction period: 2017 - 2019

Kendal's Wharf to Milton Common

Construction Value: £ ...
Construction period: 2019-2020-21

Hill Head

Construction Value: £335,000 for Phase 1
£675,000 for Phase 2
Construction completed; Phase 1 completed in November 2016. Phase 2 to begin in 2017

Milton Common

Construction Value: £ 2.8 million
Construction period: April - November 2016

Eastoke

Construction Value: £ 5 million
Construction completed: November 2013
Approx. 1750 properties at risk from flooding over the next 100 years.

River Hamble to Portchester Strategy

Value: Strategy - £544,000 to implement - £18-30 million
Currently in Development Stage
Approx. 3000 properties at risk of flooding over the next 100 years.
Total Damages approx. £717 million by 2115

Hill Head Beach Management Plan

Construction Value: £95,900 (73,800)
Beach recycling for an amenity beach and to protect 96 properties from erosion.
Construction period: First works Spring 2019, BMP to last 10 years

Gosport

Construction Value (est): £2.4-3.2 million
Involving three areas: Forton, Seafield and Alverstoke that all together 266 properties are at risk of flooding
Construction period: 2018/2019

Southsea

Construction Value: £66 million
EA Approval Sum: £118 million
Over 12,000 properties at risk of flooding over next 100 years
Construction period: 2016 - 2022

Hayling Beach Management

Construction Value: £1.6 million 2012 - 2017
£3.3 million 2017 - 2022
Involving beach recycling and renourishment
Approx. 1750 properties at risk from flooding over the next 100 years.



SAVINGS AND BENEFITS

Saved **over £1.5million** since April 2012

Efficient use of staff resource



Increased confidence that key objectives will be achieved

Track Record for project delivery



INVESTING IN OURSELVES AS A TEAM

ESCP Employs 48 members of Staff



We have a Local Team
74% of our staff live in the Partnership Area



We Grow our own Staff



Training people up from casual contracts and apprentices, to full positions. Supporting professional development through continued trainings, professional qualifications and masters

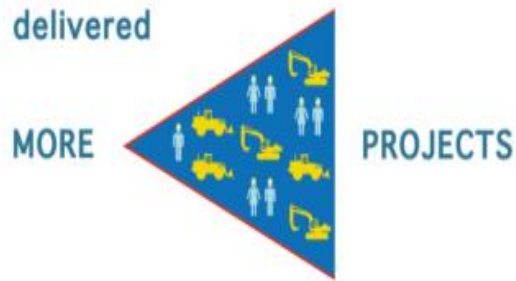
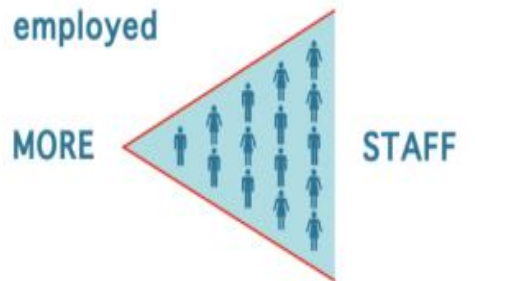


BUILDING OUR KNOWLEDGE & UNDERSTANDING OURSELVES

The team now have improved breadth and depth of knowledge and ability. Where capacity and skills allow we use **“in house” staff rather than always using professional consultants**



The Benefits of Partnership Working



all at a



REDUCED COST

to each Local Authority

WE ARE INVESTING IN

- OURSELVES
- OUR COMMUNITIES
- OUR SECTOR

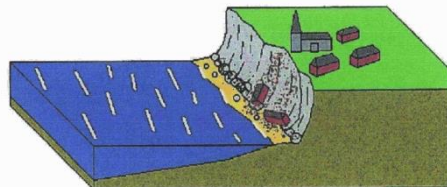
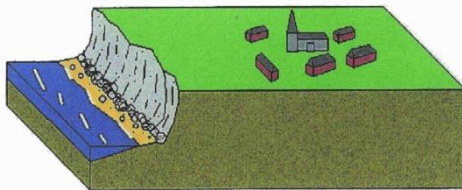
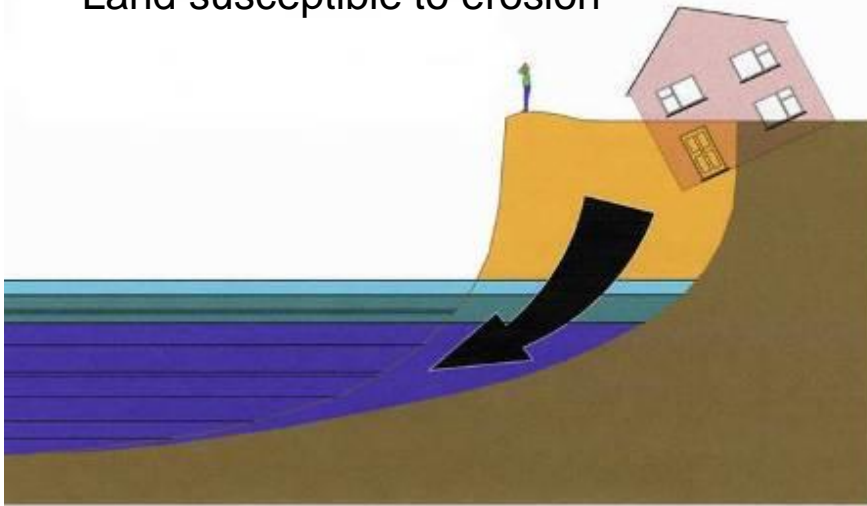


Roles, Responsibilities and Policy



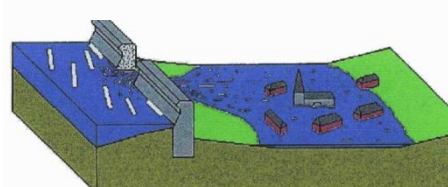
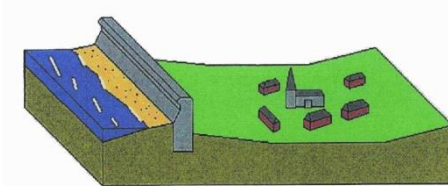
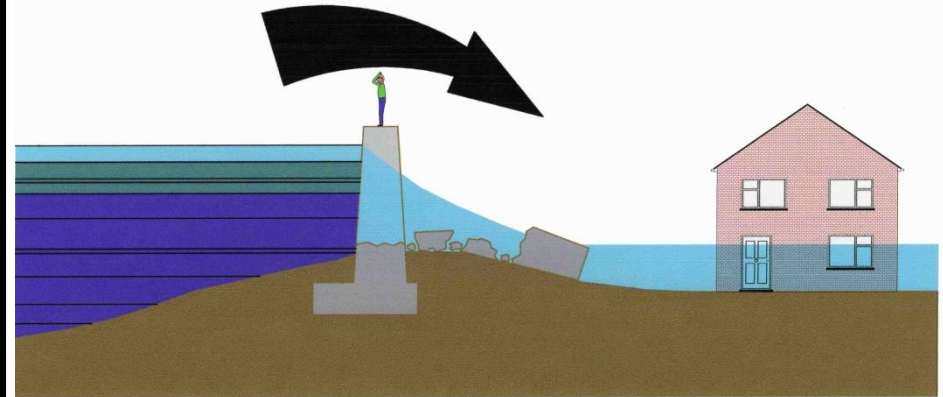
Coast Protection

- Coast Protection Act - Local Authority
- Land susceptible to erosion



Flood Defence

- Water Resources Act - Environment Agency
- Land Drainage Act - Local Authority
- Low Lying Areas Susceptible to Flooding





Coastal Responsibilities

- Defra (overall policy responsibility for flood and coastal erosion risk management in England);
- Environment Agency – Strategic Overview (all forms of flooding & coastal erosion);
- Landowners (including Fareham Borough Council) are responsible for their own frontage and their own protection;
- Fareham Borough Council (as a Coastal Protection Authority) has ‘permissive powers’ and will only act in the Public Interest:
 - Technical;
 - Environment;
 - Economic (We can seek Grant in Aid from the Environment Agency).



- **ESCP secured £641,000 of DEFRA grant funding to develop strategy + additional studies (2012-2016)**
- **Aspirational Strategic management approached developed to protect 2600 homes and 10,000 people by 2115**
- **Less at risk in Fareham than other Authorities**
- **Formally adopted by FBC in Spring 2015
Approved by EA in Spring 2016**



Key Fareham Sites





Hill Head Project, Giblet Ore and Hill Head Road (East) Update



“The aim of this project is to develop, design and build a cost effective sea defence option, at Hill Head in Fareham, which maintains amenity and leisure access along this frontage for the lifetime of the structure.”

Project Objectives

- Objective 1 Maintain the promenade as a safe and attractive leisure facility providing access to the Fareham coastline.
- Objective 2 Continue usage of the promenade for Beach Huts to maintain the existing character of the frontage.
- Objective 3 Promote the amenity aspects of the beach in addition to its coastal protection function.
- Objective 4 To ensure that full environmental consideration is given to the scheme, and minimal impact on the environment is achieved.



Winter 2014 – T. Pepper

Hill Head Phase 1: Works

August - September 2016



Phase 1: Urgent beach and timber works

Hill Head Phase 2 Works: June-November 2017



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Additional planking



Preparation Works

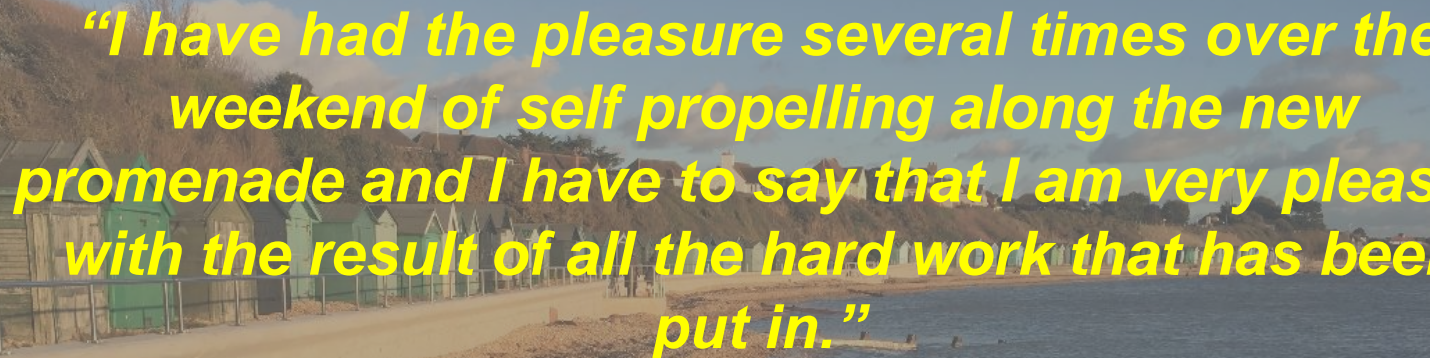


Completion of Seawall Works




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“I have had the pleasure several times over the weekend of self propelling along the new promenade and I have to say that I am very pleased with the result of all the hard work that has been put in.”



“Speaking with several other people everyone seems to be in agreement that a good job has been done and I would like to thank you for listening to my comments and taking them into account.”

Hill Head Road



Hill Head Road



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2014 Storm (March)



2017 Post-Brian (24.10.17)





Next Steps:

- Monitor H&S. FBC to review the need for further make-safe works
- Set out responsibilities of the Council and Landowners.
- Meet with the Landowners (March 2018) and support them with development of their proposed defences, where they align to the Beach Management Plan (BMP)



Before



After FBC make-safe works

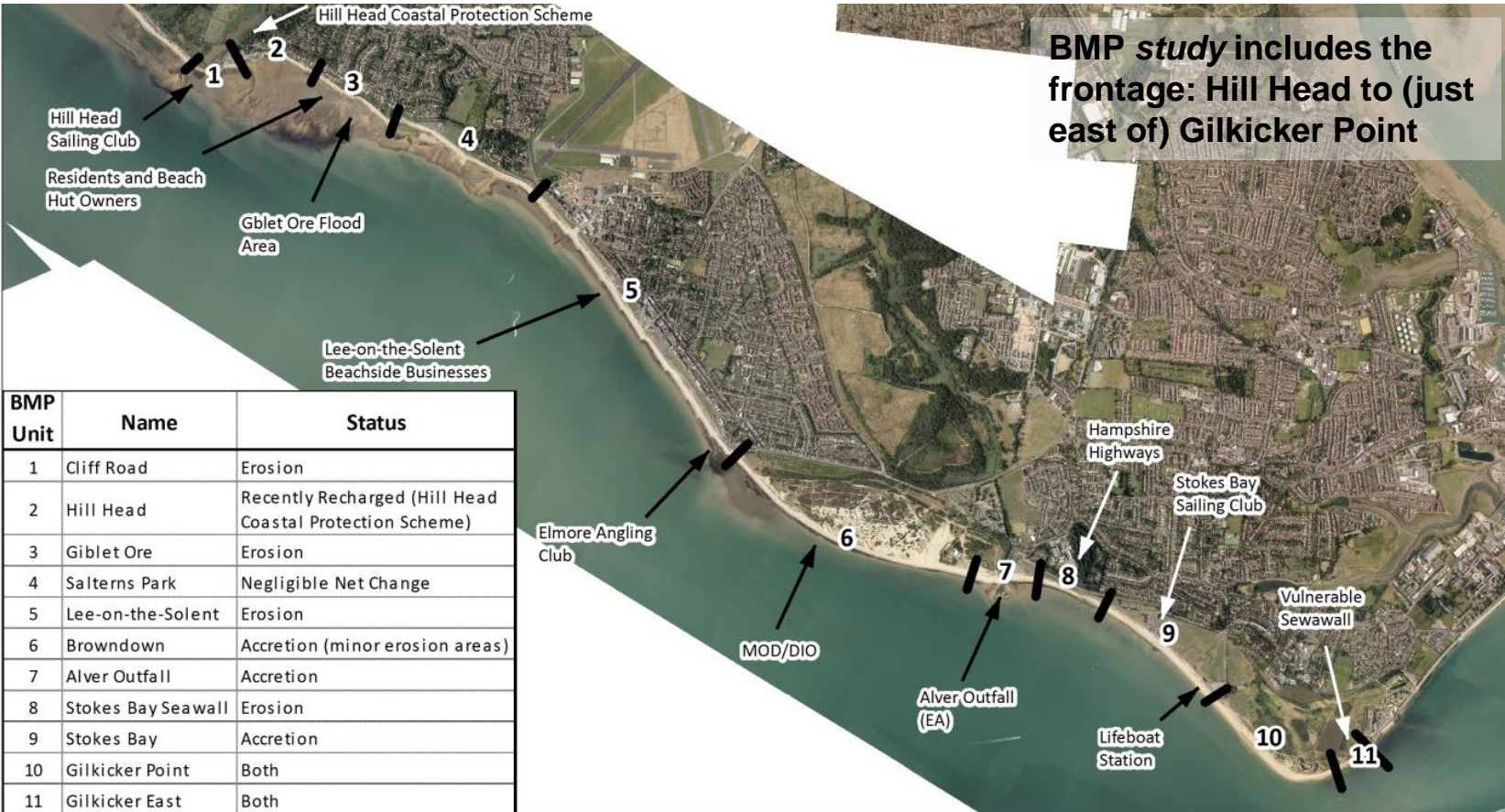


Hill Head to Portsmouth Harbour Entrance Beach Management Plan Study Update



Hill Head to Portsmouth Harbour Entrance Beach Management Plan Study

AIM: Develop a BMP report that is an 'Action Plan' for coastal management in line with the SMP Policy & approved strategic recommendations





“To help manage flood and coastal erosion risk & maintain recreationally important function”

Work Package	Completion
Analysis of beach levels and coastal processes	<i>Complete</i>
Design optimal beach level	<i>Complete</i>
Scope licensing and consenting requirements	<i>April 2018</i>
Develop recommendations for Beach Management Works	<i>March 2018</i>
Action Plan to secure Works funding	<i>April 2018</i>
Future member and consultee engagement and consultation	<i>TBA</i>

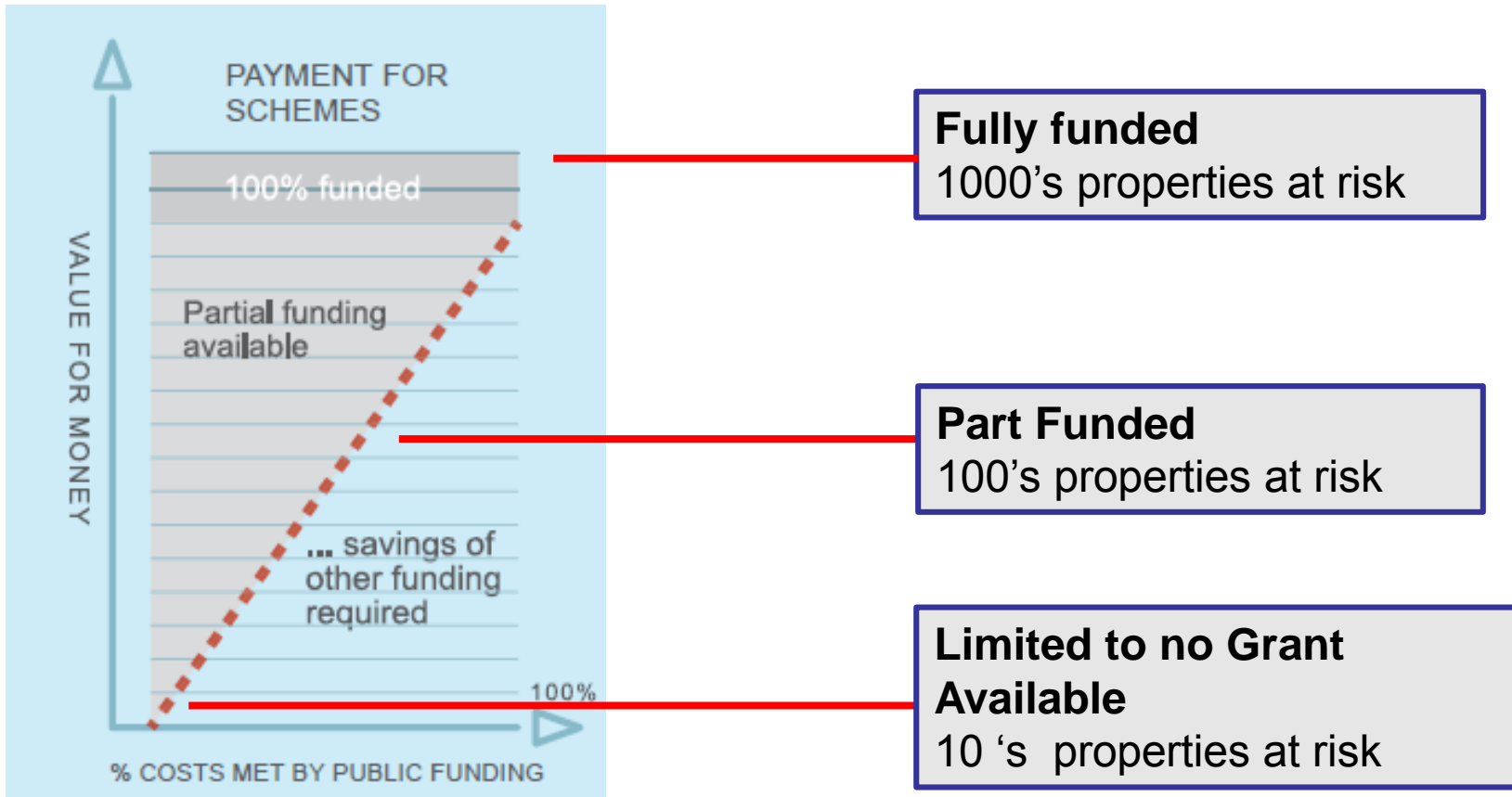
Synergies between Fareham, Gosport BC Works mid-2019 to mid-2020, subject to funding and approvals



How funding works



- Requirement for Partnership Funding and contributions
- No guarantee of future EA funding – competition for national pot



This BMP:

- 9 properties at risk of flooding + 9 at risk of erosion
- Works are dependent on funding/contributions and priorities across the BMP area, our challenge.

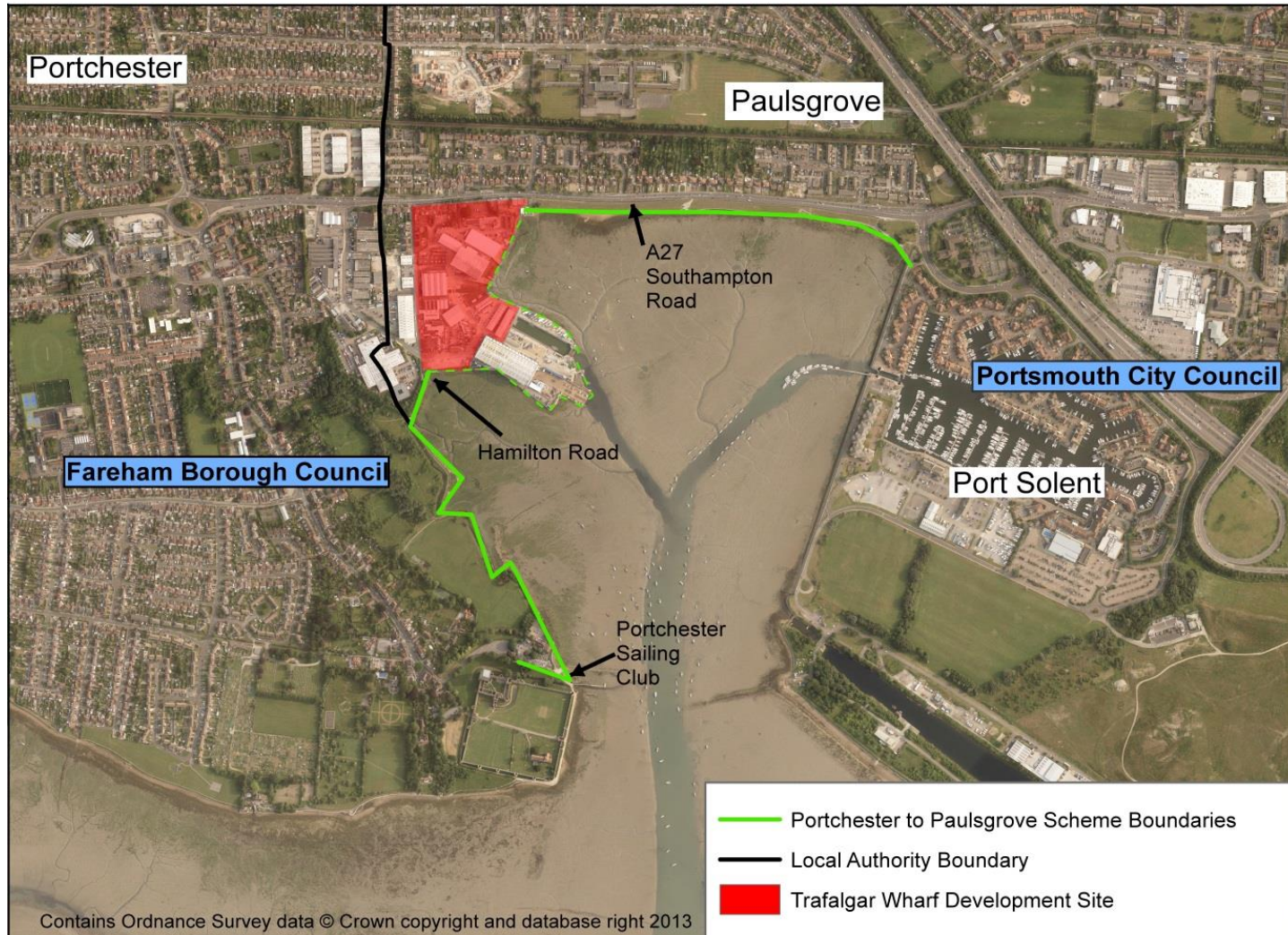


Portchester to Paulsgrove Flood Risk Management Scheme Update

Scheme Extent



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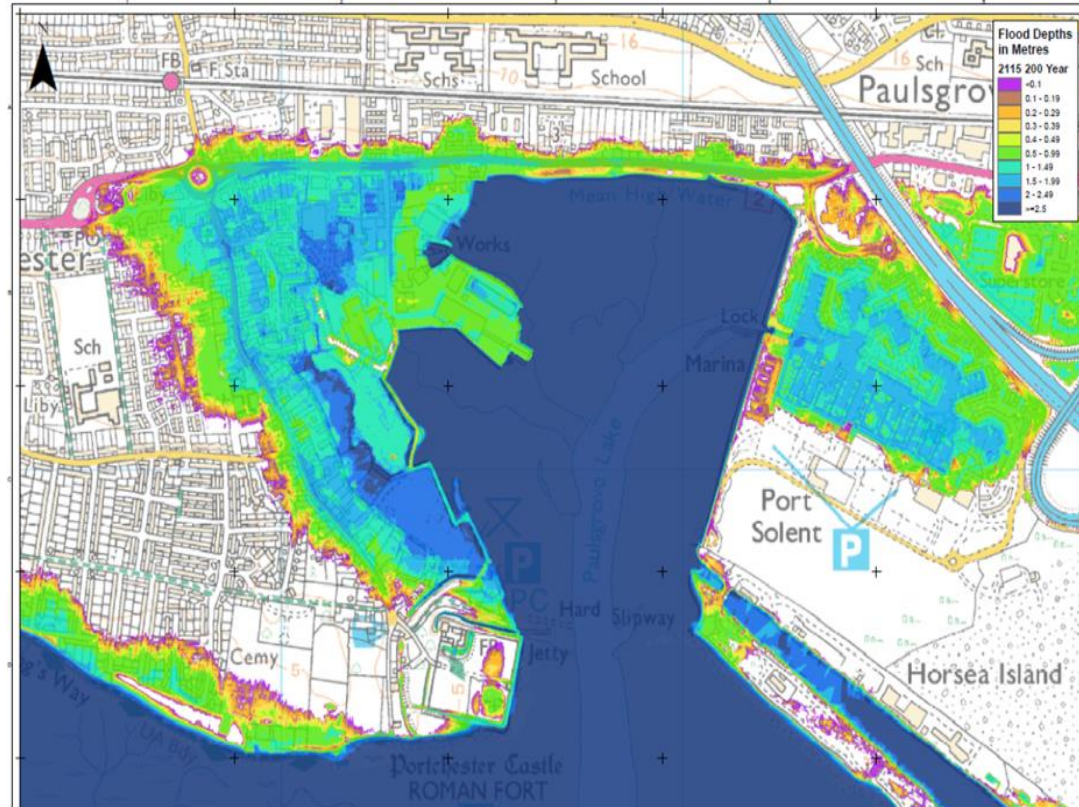


Project Summary



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- 1.7 km of coastline across FBC / PCC authority boundary
- 361 properties with reduced flood risk (present day)
- 662 properties at risk in 100 years
- A27 key transport route at risk
- £5.4m developer contribution



- ***It was hoped to put a precautionary 100yr scheme in place, but partnership funding rules have lead to a phased implementation and reduced scheme extent eg. Portchester Castle proposed new defences removed.***

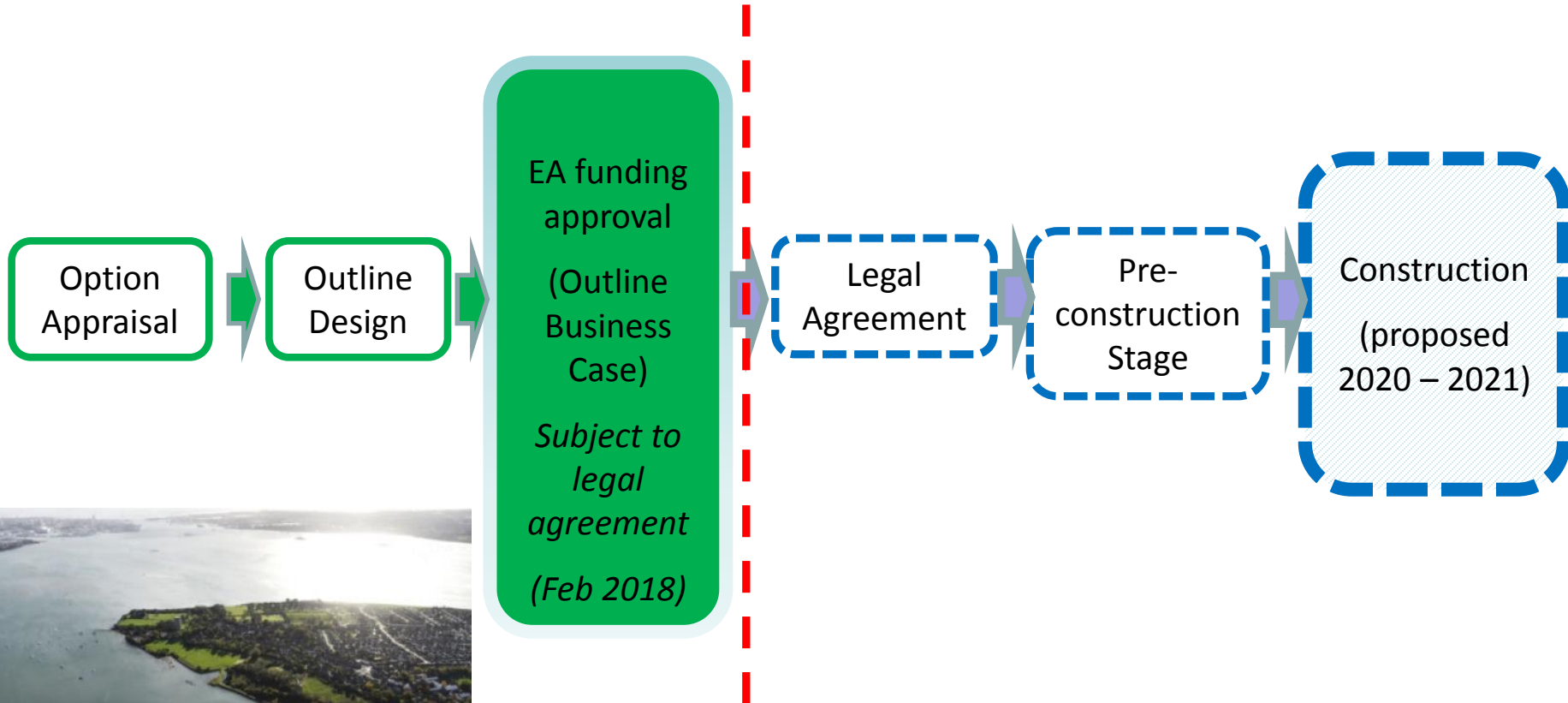
Proposed 15year scheme



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Total scheme cost (15 years) ~ £10.7 million

FUNDING:

- FCRM Grant in Aid sought ~ £5.1 million
- Developer contribution to wider P2P scheme ~ £3.075 million
- Developer contribution through building own defences ~ £2.3million
- Southern Water contribution ~£300k

Without the developer contribution scheme won't attract FCRM Grant in Aid

NEXT STEPS:

- Developer legal agreement (to enable pre-construction phase commencement)
- £3,075,000 released to FBC/PCC for delivery of wider defences
- Pre-construction phase offsite works (~600k)
- Communication plan update & implementation
- Procurement of delivery team



FIND OUT MORE

If you want to find out more about our work and keep up to date with our current projects, please follow us online at :



www.escp.org.uk



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Thanks for listening

