

Scheme	Project Location	LLFA	Brief Description of Problem and Proposed Solution	Partnership Funding Raw Score	Partnership Funding Final Score (including partnership contributions)	Benefit/cost	Flooding Schemes Standard of Protection - before Construction %	Flooding Schemes Standard of Protection - after Construction %	Coastal Erosion Schemes Standard of Protection - before Construction Yrs	Coastal Erosion Schemes Standard of Protection - after Construction Yrs	Proposed start of construction	Proposed readiness for Service	Total Project Expenditure	Already spent	FDGiA	Total partnership funds secured	Further contributions required	Properties defended from flooding	Properties defended from coastal erosion
Brewery Sluice Reinstatement	Sandwich	Kent	The sluice is currently inoperable and as a result the Delf Stream cannot naturally discharge to the Tidal River Stour. Instead water is being pumped into the tidal Stour through an EA pumping station via an IDB watercourse, rather than through the Brewery Sluice outfall. This has increased pumping costs and carbon costs. Fluvial flood risk is also increased should the pumping station fail. Furthermore, there is currently only one tidal flap in place, should this become stuck open then there is a risk of tidal inundation during high tides. There was confirmed tidal inundation during the December tidal surge. It is proposed that the sluice structure is reinstated and a secondary tidal flap installed.	54%	104%	0.3	4.00%	0.50%	0	0	2015/16	2015/16	350,000	0	0	650,000	0	101	0
Great Stour Flood Alleviation Schemes	Great Stour between Wye (TR04824650) and Fordwich (TR18666014)	Kent	Risk to over 2000 homes from river flooding some schemes suggested, but need to understand the impacts of groundwater before further investment.	144%	144%	2.7	20.00%	1.00%	0	0	2020/21	2021/22	8,022,000	150,000	7,372,000	250,000	0	1,364	0
Littlebourne & Wickhambreaux Flood Alleviation Scheme	Littlebourne & Wickhambreaux Villages on the Little Stour, East Kent	Kent	Villages of Littlebourne and Wickhambreaux flood during high flows. A current flood relief channel offers around 5% standard of protection, but still issues with some mill structures. Increase capacity of relief channel and change structures with some defence building will provide 1% standard of protection.	30%	30%	3.4	10.00%	1.00%	0	0	2022/23	2023/24	3,546,000	0	1,050,000	500,000	2,496,000	74	0
Bridge & Patixbourne Flood Alleviation Options Investigation	Villages of Bridge & Patixbourne on the Nailbourne / Little Stour River, East Kent	Kent	Flooding in Bridge and Patixbourne when the Nailbourne flows with around 100 properties at risk from fluvial flooding. Also impacts of groundwater flooding here too. Investigation using modelling into a variety of options, with storage looking favourable following the Little Stour options review, but needs investigating a more detail to be confident of 1% standard of protection.	31%	31%	1.6	20.00%	1.00%	0	0	2023/24	2024/25	4,060,000	0	1,175,000	60,000	2,885,000	164	0
River Rother Restoration Study	Rural Rother	East Sussex	River Rother Restoration Study - To identify work needed to replace Asbestos sheet piling, look at opportunities and ways to manage the drainage system by creating wetlands or washlands for flood storage reducing the use of uneconomical assets and reducing carbon use.	0%	0%	0.0	5.00%	5.00%	0	0	#N/A	#N/A	190,000	0	95,000	95,000	0	0	0
Footbridge Removal on Nailbourne / Little Stour	Villages of Patixbourne & Barham on the River Nailbourne	Kent	Properties at increased risk of flooding from surcharging footbridges in Patixbourne and Barham that have had previous flood alleviation measures carried out which have not solved the issue. Remove & rebuild the bridges with clear span.	0%	0%	0.0	50.00%	5.00%	0	0	2016/17	2016/17	80,000	0	0	80,000	0	10	0
Ickham Flood Embankments	Ickham Village (Little Stour)	Kent	Construction of a approximately 300m long and 0.5m high flood embankments to prevent flows from the Little Stour flooding approximately 6 properties in the village of Ickham.	0%	0%	0.0	20.00%	1.00%	0	0	2015/16	2015/16	95,000	0	0	95,000	0	10	0
Flint Cottages Access Road Bund	Bridge Village (Nailbourne)	Kent	Creation of a small Bund approximately 80m long and 0.5m high along with a small Ford in the Road. This will prevent the Nailbourne forming a second channel which floods houses in Brewery Lane and also adds to the ground Water Lake which floods properties on the high street in Bridge.	0%	0%	0.0	20.00%	1.00%	0	0	2015/16	2015/16	60,000	0	0	60,000	0	20	0
Danson Dam Embankment Stabilisation	Danson Reservoir, Bexleyheath	London	Dam Embankment Stabilisation	312%	332%	28.3	0.00%	0.00%	0	0	#N/A	#N/A	100,000	0	0	100,000	0	80	0
Crayford Integrated Drainage Study Output Scheme	Crayford, River Cray	London	Study and scheme to reduce SW flood risk in Crayford	170%	170%	18.0	4.00%	0.00%	0	0	#N/A	#N/A	360,000	0	0	50,000	0	167	0
Manhood Peninsula Surface Water Management Plan and Actions	Manhood Peninsula, West Sussex	West Sussex	The Manhood Peninsula SWMP will identify the critical areas at risk and develop capital solutions and land management requirements to reduce the risk from surface water, ordinary watercourse and groundwater interactions where possible.	179%	179%	9.3	1.00%	0.50%	0	0	2015/16	2016/17	360,000	90,000	180,000	90,000	0	215	0
Lancing Surface Water Management Plan and Actions	Lancing, West Sussex	West Sussex	The Lancing SWMP will identify the critical areas at risk and develop capital solutions and land management requirements to reduce the risk from surface water, ordinary watercourse and groundwater interactions where possible.	160%	160%	6.4	3.33%	0.50%	0	0	2015/16	2016/17	360,000	90,000	180,000	90,000	0	89	0
Elmer Beach Management Works	Elmer, West Sussex	West Sussex	Repair works to the breakwaters and a recharge behind them to bring the beach back to the required standard of protection. This will be a partnership project in combination with Arun DC	101%	106%	13.2	0.00%	0.00%	10	20	2015/16	2016/17	975,000	0	475,000	500,000	0	106	18

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Land Drainage Outfall Improvement Provision (Rustington and East Preston)				130%	130%	3.0	0.00%	0.00%	0	0	#N/A	#N/A	336,000	0	0	168,000	0	60	0
Land Drainage Outfall Extension - Peak Lane, Kingston	Kingston, West Sussex	West Sussex		36%	100%	2.9	10.00%	1.00%	0	0	2016/17	2017/18	92,000	0	24,000	68,000	0	10	0
Old Redbridge Lane (Southampton) PLP Scheme	Old Redbridge lane, Redbridge, Southampton (River Test)	Hampshire	To manage the risk of potential flooding to those properties at most significant risk by implementing property level protection.	100%	100%	13.1	2.00%	0.50%	0	0	2016/17	2016/17	36,500	0	31,500	31,500	0	7	0
Priory Road (Southampton) River Itchen PLP	Priory Road, St Denys, Southampton (River Itchen)	Hampshire	To manage the risk of potential flooding to those properties at most significant risk by implementing property level protection.	103%	103%	9.8	2.00%	0.50%	0	0	2015/16	2015/16	470,000	0	0	235,000	0	47	0
Whitstable Harbour Flood Defence Works	Whitstable	Kent	Reconstruction of sea wall at Whitstable Harbour where sheet piles are badly eroded and passed end of useful life followed later by First major beach recharge 15 years after completion of the main scheme (2006) in accordance with the approved strategy plan programme. Necessary in order to protect the integrity of the seawall from failure. Protecting 2380 houses and the town centre. Benefits and costs based on strategy plan updated to present day. Urgent additional groyne works carried out in 2011 funded approx 50% LA & 50% EA.	149%	162%	23.0	1.33%	0.50%	0	0	2015/16	2015/16	2,499,000	345,000	880,000	344,000	0	2,378	0
Nailbourne Options Investigation	Villages on the River Nailbourne, between Bishopsbourne and Lyminge.	Kent	Over 150 properties at risk from fluvial flooding when the Nailbourne is in flow. Detailed modelling is required to test a variety of flood management options in the area to reduce risk, but providing best value for money for a solution of the problem. The results will provide the evidence based approach for making these decisions and will aid consultation in the area on future schemes.	81%	81%	0.9	5.00%	1.00%	0	0	2016/17	2017/18	2,540,000	0	0	100,000	2,183,000	155	0
Gorrell Stream Culvert	Whitstable	Kent	Culvert CCTV survey and repair works	133%	133%	24.0	50.00%	20.00%	0	0	2016/17	2016/17	625,000	0	325,000	325,000	0	117	0
Westgate - St Mildred's Bay - Coping/Berm Slab Replacement	Westgate on Sea, Kent	Kent	Upper courses of this precast sea wall and 'wave return' copings are exhibiting movement due to expansive forces/wave energy. Failure of these copings is anticipated within 5-7 years with more general sea wall failure expected to follow within 1-2 years, allowing cliff erosion to recommence. The works have been designed in detail and will consist of the renewal of the coping (and first course below) with new precast units. The seaward berm slab (approx 4m wide) will also be renewed as part of the scheme. Some sea wall toe improvement work will also be included.	84%	100%	7.9	0.00%	0.00%	10	60	2015/16	2016/17	191,000	15,000	86,230	88,000	0	7	7
Minnis - Grenham Bay - Coping/Berm Slab Replacement	Birchington, Kent	Kent	Upper courses of this precast sea wall and 'wave return' copings are exhibiting movement due to expansive forces/wave energy. Failure of these copings is anticipated within 5-7 years with more general sea wall failure expected to follow within 1-2 years, allowing cliff erosion to recommence. The works have been designed in detail and will consist of the renewal of the coping (and first course below) with new precast units. The seaward berm slab (approx 4m wide) will also be renewed as part of the scheme. Some sea wall toe improvement work will also be included.	7%	10%	1.3	0.00%	0.00%	30	80	2015/16	2016/17	434,000	15,000	30,000	389,000	359,000	0	0
Property Level Protection for Central Hove and Portslade	Portslade			43%	65%	6.1	0.00%	0.00%	0	0	#N/A	#N/A	328,300	0	253,300	328,300	0	67	0
Barham Flood Alleviation Measures	Barham	Kent	Creation of new river flood defences (walls and culvert improvements) to reduce flood risk and operational response requirements.	101%	101%	5.1	0.00%	2.00%	0	0	2015/16	2015/16	200,000	0	200,000	200,000	0	18	0
Winchester Flood Mitigation Study	Winchester, River Itchen Catchments	Hampshire		87%	88%	9.9	5.00%	1.00%	0	0	2017/18	2020/21	5,275,000	40,000	4,450,000	145,000	630,000	1,200	0
Romsey Flood Alleviation	Romsey, Tadburn Lake, Fairbourne Stream, River Test Catchments	Hampshire		88%	100%	8.0	5.00%	1.00%	0	0	2018/19	2020/21	3,250,000	40,000	2,775,000	385,000	0	1,272	0

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Candover Brook (Preston Candover and Brown Candover) Flood Alleviation Scheme	Preston and Brown Candover	Hampshire	Replacing culverts/bridges, clearing blockages, as well as re-aligning and replacing the piped ditch with an open channel	70%	102%	3.5	5.00%	1.00%	0	0	2016/17	2017/18	365,000	20,000	215,000	330,000	0	101	0
Appleshaw (Andover) Surface Water Flood Alleviation Scheme	Appleshaw, Andover	Hampshire	increase the capacity of the existing surface water network	50%	100%	2.5	5.00%	1.00%	0	0	2016/17	2017/18	200,000	20,000	78,000	180,000	50,000	42	0
Upper Test Villages (Deane and Cole Henley) Flood Alleviation Scheme	Deane and Cole Henley	Hampshire	new ditching, widening of existing watercourses, culvert upgrades, mainly at a localised 'hotspot' level.	78%	101%	5.5	5.00%	1.00%	0	0	2016/17	2017/18	220,000	20,000	150,000	200,000	0	23	0
Lavant Valley (Finchdean and Rowlands Castle) Surface Water Flood Alleviation Scheme	River Lavant, Finchdean and Rowlands Castle	Hampshire	Minor mitigation measures be taken in order to increase the capacity of the existing surface water network at particular 'hotspots' only, where localised flooding has been occurring. These would mainly include widening ditches and watercourses.	23%	73%	1.2	5.00%	1.00%	0	0	2016/17	2017/18	170,000	20,000	13,000	150,000	50,000	16	0
Monks Brook (Chandler's Ford) Flood Alleviation Scheme	Monks Brook Catchment, Chandlers Ford	Hampshire	To reduce internal flooding to 22 properties.	90%	94%	5.6	5.00%	1.33%	0	0	2016/17	#N/A	635,000	26,000	562,000	609,000	39,000	236	0