

6 ACTION PLAN

6.1 Introduction

The Action Plan identifies where works are anticipated and where further investigations are necessary to resolve outstanding uncertainties, and aims to provide information on operational activities and monitoring requirements at a broad SMP scale. It summarises the actions that are likely to be required for the implementation of final SMP recommendations, consequences of the plan and ongoing shoreline management before the next review of the SMP in approx. 10 years time.

The focus of the Action Plan, however, is not limited within the SMP review programme as it may identify issues relating to medium or long-term planning which may take a considerable length of time to conclude (e.g. legislative matters or long-term monitoring). Implementing the SMP policies and the actions in the Action Plan will depend on availability of funding, from the national flood and coastal erosion risk management budget, or from other national sources or from local and/or third-party funding.

The Action Plan is a key element for the North Solent SMP because for a number of Policy Units the confirmation and delivery of the final policy recommendations in the medium and long term epochs will be determined through subsequent detailed studies, monitoring and research, necessary to resolve uncertainties. This will improve our understanding and inform the emerging Flood and Coastal Erosion Risk Management Studies and future reviews of SMP policy decisions.

The Action Plan is to be considered a 'live' document and will be updated, monitored and reviewed through regular meetings of the Southern Coastal Group (see <http://www.southerncoastalgroup.org.uk>). This approach will continue the partnership working and will enable stakeholders and Elected Members to be informed of progress.

Action Ref (not in ranked order)	Action	Reason	Scheduling & Dependencies	Importance	Lead Authority	Key Partners	Target Start Date	MTP entry (yes/no/not applicable)	If no MTP entry then alternative funding source
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Urgent Actions									
1	Critical review of the proposed actions within this plan	Ensure the most critical work continues to be funded at the right time and reinforce the actions that are directed toward spatial and emergency planning professionals to ensure that communities fully recognise the risks from the sea (both now and in the future) and implement appropriate risk management measures. Implementation of emergency plans are particularly important if funding constraints potentially increases risk (flood, coastal and erosion) as a result of delayed schemes.	Urgent. Informing coastal management planning, Medium Term Plan, schemes and decisions (timings and inter-dependencies)	Very High	Client Steering Group (As sub-group of Southern Coastal Group)	All CSG members	2010	n/a	n/a
2	Investigate mitigation measures, required arising from flood risk management works, for maintaining function of Solent-wide network of high tide roost sites.	Provision of habitat and function mitigation measures. Monitoring of inter-tidal and coastal grazing marsh areas and high tide roost sites. Outcomes will need to be directly linked to FCERMS and the Regional Habitat Creation Programme.	Urgent. Informing coastal management planning, schemes and decisions	High	Relevant Local Authority to be advised by Natural England	Environment Agency, Local Authorities, Planning Authorities, Natural England & High Level Stewardship Team, Regional Habitat Creation Programme Team	2011	Yes	n/a

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3	From a flood risk management works perspective, undertake further studies to identify and understand the location, features and function of the Solent-wide network of high tide roost sites (as far as it is identified) and the likely consequences on the ability of the network to continue to function if one or more sites were to be damaged or lost (through managed or unmanaged realignment) linked to flood risk management works.	Confirm future management of sites where opportunities for managed realignment have been identified. Clarify and further promote options to landowners such as High Level Stewardship Scheme. There is also the need for monitoring of intertidal and coastal grazing marsh areas and high tide roost sites, to improve understanding of the sites in the network and to inform understanding of the features and function of these habitats and ensure that the intertidal development trends are consistent with assumptions made in the SMP. The study and outcomes will need to be directly linked to FCERMS and outcomes informing the Regional Habitat Creation Programme.	Urgent. Informing coastal management planning, FCERMS, schemes and decisions	High	to be confirmed (New Forest DC?), advised by Natural England	Environment Agency, Local Authorities, Planning Authorities, Natural England & High Level Stewardship Team, Regional Habitat Creation Programme Team	2011	Yes	n/a

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4	Completion of Itchen to Hamble Coastal Defence Strategy following public consultation. Determine policy and management approach for frontage.	Currently out to public consultation. Completion of CDS. Development of subsequent studies and schemes	Urgent. Informing coastal management planning, schemes and decisions	High	Southampton City Council	Eastleigh Borough Council, Fareham Borough Council, Environment Agency, Hampshire County Council	Dec-05	Yes	n/a
5	Completion of Portchester to Emsworth Coastal Defence Strategy. Determine policy and management approach for frontage.	Completion of CDS. Specifically with regard to Farlington Marshes, determine the best way forward for delivering the assessment of the strategic importance of the freshwater habitat to the Solent Estuary; the recreational value of the site to Portsmouth City, local and national visitors; and flood storage issues. It is expected that specific Schemes will be identified such as Farlington Flood Control, Portchester to Paulsgrove Defences	Urgent. Informing coastal management planning, schemes and decisions	High	Environment Agency	Havant, Portsmouth & Gosport Coastal Partnership, Hampshire Wildlife Trust, Natural England	Jun-05	Yes	n/a

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Actions									
Monitoring Programme									
6	Continuation of Strategic Regional Shoreline Monitoring Programme. National Programme commences in 2012 and will integrate regional programmes	Inform Planning Process (Coastal Change Management Areas), NCERM, FCERMS, Schemes, Post-project Appraisal and SMP reviews, etc.	Ongoing. Informing coastal management planning, schemes and decisions	High	NFDC/CCO	Southern Coastal Group and others	continuation (funding renewal 2012)	Yes	n/a
Flood and Coastal Erosion Risk Management Strategies									
7	Development of a flood and coastal erosion risk management strategy study for Chichester Harbour, between East Head and Emsworth.	Consider the scope and timing of undertaking such a study. Comply with FCERMS guidance but include such items as more detailed economic, environment and social-economic assessments; identify and consider the tidal, fluvial, storm water and groundwater flooding issues; integrate provision/rerouting of coastal access in defence management; continue to build and improve relationships with landowners; identify sources of funding; clarify	To be informed by studies listed as urgent actions and other studies e.g. that investigate funding sources, identify and assess flood and erosion risk implications and clarify coastal planning issues associated with failure of non-maintenance of defences.	High	Environment Agency	Chichester District Council, Chichester Harbour Conservancy West Sussex County Council, Natural England, Landowners	Jun-10	Yes	n/a

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		<p>coastal planning issues; take account of the outcomes of the other Solent-wide site-specific studies that have been identified in the Action Plan; and address the potential risks associated with withdrawal of maintenance or failure of privately owned defences and link with the RHCP accordingly. Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies. It is expected that specific Schemes will be identified. Improvements and maintenance of all existing flood defences would cost an estimated £230M over the next 100 years, however, the vast majority of these defences are either owned/maintained by private owners or MOD within this FCERMS study area.</p>							
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8	Development of a flood and coastal erosion risk management strategy study for Hayling Island.	Consider the scope and timing of undertaking such a study. Comply with FCERMS guidance but include such items as more detailed economic, environment and social-economic assessments; identify and consider the tidal, fluvial, storm water and groundwater flooding issues, continue to build and improve relationships with landowners; integrate provision/rerouting of coastal access in defence management; consideration potential opportunities for Regulated Tidal exchange and sluice gate modifications at Stoke and West Northney; include ebb tidal delta morphology study to improve understanding of the implications of loss of the nearshore banks on Hayling Island shoreline; identify sources of funding; clarify coastal planning issues; address the potential risks associated with withdrawal of maintenance or failure of privately owned defences and link with the RHCP accordingly; and take	To be informed by studies listed as urgent actions and other studies e.g. that investigate funding sources, identify and assess flood and erosion risk implications and clarify coastal planning issues associated with failure of non-maintenance of defences.	High	Environment Agency	Havant, Portsmouth & Gosport Coastal Partnership, Chichester Harbour Conservancy Hampshire County Council, Natural England, Landowners	Dec-10	Yes	n/a

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		account of the outcomes of the other Solent-wide site-specific studies that have been identified in the Action Plan. Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies. It is expected that specific Schemes will be identified such as Eastoke Beach Management, Eastoke Point. Improvements and maintenance of all existing flood defences would cost an estimated £380M over the next 100 years, however, a significant proportion of the defences are privately owned within the FCERMS study area.							
9	Development of a flood and coastal erosion risk management strategy study for the frontages between Portchester Castle and Portsmouth Harbour entrance (west) and on to River	Comply with FCERMS guidance but include such items as more detailed economic, environment and social-economic assessments; identify and consider the tidal and fluvial risks, storm water and groundwater flooding issues and wave overtopping; integrate provision/rerouting of coastal access in defence management; identify sources of funding; clarify	To be informed by studies listed as urgent actions and other studies e.g. funding sources, identify location for creation of saline lagoon within the Solent Maritime SAC to mitigate loss at Hook Lake, identify and assess flood and erosion risk implications and clarify coastal planning	High	Havant, Portsmouth & Gosport Coastal Partnership	Environment Agency, Fareham Borough Council, Hampshire County Council, Natural England, Landowners	Apr-11	Yes	n/a

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	Hamble entrance (east).	coastal planning issues; address the potential risks associated with withdrawal of maintenance or failure of privately owned defences and link with the RHCP accordingly; investigate potential options for future position and routing of coastal highways and integrate provision/rerouting of coastal access in defence management; determine opportunities for regulated tidal exchange and environmental enhancement at Titchfield Haven and Meon Valley; and take account of the outcomes of the other Solent-wide site-specific studies that have been identified in the Action Plan. To be developed with consultation with land and defence owners and the commercial and recreational communities. Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies. It is expected that specific Schemes will be identified. Improvements and maintenance of all	issues associated with failure or non-maintenance of defences.						

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		existing flood defences would cost an estimated £380M over the next 100 years, however, a significant proportion of the defences are owned/maintained by the MOD within the FCERMS study area.							
10	Development of a flood and coastal erosion risk management strategy study for Southampton frontage between Woodmill Lane, River Itchen and Redbridge.	Consider the scope and timing of undertaking such a study. Comply with FCERMS guidance but include such items as more detailed economic, environment and social-economic assessments; detail the maintenance and improvement work required to defences and shoreline structures not classified as flood defences; investigate potential options for future position and routing of coastal highways and integrate provision/rerouting of coastal access in defence management; identify and consider the tidal, fluvial, storm water and groundwater flooding issues and wave overtopping; identify sources of funding; clarify coastal planning issues; address the potential risks	To be informed by studies listed as urgent actions and other studies e.g. that investigate funding sources, identify and assess flood and erosion risk implications and clarify coastal planning issues associated with failure of non-maintenance of defences.	High	Southampton City Council	Environment Agency.	Jul-10	Yes	n/a

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		<p>associated with withdrawal of maintenance or failure of privately owned defences and link with the RHCP accordingly; and take account of the outcomes of the other Solent-wide site-specific studies that have been identified in the Action Plan. To be developed with consultation with land and defence owners and the commercial and recreational communities. Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies. It is expected that specific Schemes will be identified. Improvements and maintenance of all existing flood defences and harbour wall structures have been estimated through the Southampton City Strategy as £43M over the next 100 years; a proportion of the flood defences are privately owned/maintained or are port or industrial structures which are not classified flood defences but may reduce flood risk.</p>							

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11	Development of a flood and coastal erosion risk management strategy study for Test Valley and Southampton Waterside frontage between Redbridge and Calshot.	Consider the scope and timing of undertaking such a study. Comply with FCERMS guidance but include such items as more detailed economic, environment and social-economic assessments; detail the maintenance and improvement work required to defences and shoreline structures not classified as flood defences; integrate provision/rerouting of coastal access in defence management; identify and consider the tidal, fluvial, storm water and groundwater flooding issues and wave overtopping; identify sources of funding; clarify coastal planning issues; address the potential risks associated with withdrawal of maintenance or failure of privately owned defences and link with the RHCP accordingly; and take account of the outcomes of the other Solent-wide site-specific studies that have been identified in the Action Plan. To be developed with consultation with land and defence owners and the commercial and	To be informed by other studies. HCP, funding sources and planning issues to be resolved. Identify and assess flood and erosion risk implications of failure or non-maintenance of privately owned defences and to clarify coastal planning issues associated with failure of non-maintenance of defences.	High	Environment Agency	Test Valley BC, New Forest DC, New Forest National Park Authority, Hampshire County Council, Natural England, Landowners	estimate 2012 to be confirmed	?	n/a

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		recreational communities. Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies. It is expected that specific Schemes will be identified. Improvements and maintenance of all existing flood defences and industrial shoreline structures would cost an estimated £180M over the next 100 years; a significant proportion of the flood defences are privately owned/maintained or are industrial shoreline structures which are not classified flood defences but may reduce flood risk.							

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12	Confirm the next phase of works for the West Solent Coastal Defence Strategy study	Conclude study to inform future landowner defence management plans. Improvements and maintenance of all existing flood defences would cost an estimated £280M over the next 100 years; the majority of the flood defences are privately owned/maintained within this FCERMS study area.	Can be concluded ahead of unresolved issues as part of reason why being concluded at this stage. Identify and assess flood and erosion risk implications of failure or non-maintenance of privately owned defences and to clarify coastal planning issues associated with failure of non-maintenance of defences.	High	New Forest DC	Environment Agency, New Forest National Park Authority, Hampshire County Council, Natural England, Landowners	2011	Yes	n/a
Schemes arising from approved CDS									
13	Schemes arising from Pagham to East Head Coastal Defence	West Wittering Flood Defences	Currently in PAR production. Construction dependent on PAB approval and funding	Medium	Environment Agency	Chichester District Council, Natural England, Landowners	Construction May 2011	Yes	
14	Strategy, such as Selsey and West Wittering Beach Management Development & Construction, and Selsey West Beach Recharge	Selsey West Beach Coast Protection Beach Recharge	planned works	High	Chichester District Council		Nov-10	yes	
15	Schemes arising from	PAR for Flood Cell 1 Southsea	planned works	High	Portsmouth City Council		Jan-11	yes	

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16	Portsea Island Coastal Defence Strategy e.g.:-	PAR for Flood Cell 4 North Portsea Island	planned works	High	Portsmouth City Council		Jan-11	yes	
Asset Management Plans									
17	Production of System Asset Management Plans to deliver SMP policy for Epoch 1. EA to advise LA and private owners how to feed into process from land drainage and coastal protection perspectives	asset management and maintenance, health and safety	ongoing	High	Environment Agency	Input from Operating Authorities and private owners	No	n/a	
Environmental studies and considerations									
18	Apply the Govt's sea level rise allowances and guidance arising from UKCP09 or subsequent studies.	inform future FCERMS, Scheme delivery and reviews of North Solent, IOW, Hurst to Durlston, Durlston to Rame Head, Beachy Head to Selsey Bill SMPs, etc.	informing coastal management planning, schemes and decisions	High			to be confirmed	No	Requirement incorporated within CDS and other studies
19	Identify location for creation of saline lagoon within the Solent Maritime SAC to mitigate losses.								

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20	Consider SEA mitigation measures when developing FCERMS, Schemes and other coastal studies								
21	Investigate quantification of additional habitat losses between date of site designation and 2005 to inform the Regional Habitat Creation Programme, as these were not in the Appropriate Assessment's original remit.								
Regional Studies									

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22	Commission region-wide wave climate risk studies to identify impacts of bimodal wave period conditions on design risk of all structures and beach systems and assess overtopping and breach potential based on uncertainties identified in SMP2 and SCOPAC studies, in partnership with neighbouring SMPs	inform future FCERMS, Scheme delivery and reviews of North Solent, IOW, Hurst to Durlston, Durlston to Rame Head, Beachy Head to Selsey Bill SMPs, etc.	informing coastal management planning, schemes and decisions	High	New Forest DC	Southern Coastal Group	2011/12	Yes	n/a
23	Commission region-wide sediment transport studies to fill gaps and uncertainties identified through coastal processes review and SMP development, in		informing coastal management planning, schemes and decisions	High	New Forest DC	Southern Coastal Group	2012/13	Yes	n/a

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	partnership with neighbouring SMPs								
24	Improve region-wide historical coastal evolution studies to identify impacts of coastal change based on aerial surveys in partnership with neighbouring SMPs	inform Planning Process (Coastal Change Management Areas), future FCERMS, Scheme delivery, sustainable environmental and amenity benefits and review of North Solent, IOW, Hurst to Durlston, Durlston to Rame Head, Beachy Head to Selsey Bill SMPs, etc.	informing coastal management planning, schemes and decisions	Medium	New Forest DC	Southern Coastal Group	2014/15	Yes	n/a
25	Identify sources and investigate potential opportunities for making beneficial use of dredged material for beach replenishment and saltmarsh stabilisation.	Inform environmental assessments and studies, address public concerns and progress Schemes	informing coastal management planning, schemes and decisions	Medium	to be confirmed. (New Forest DC?)	Southern Coastal Group	2015/16	Yes	n/a

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26	Undertake a study on the long-term shoreline evolution of Hamble Point and Hamble River mouth to address the economic, environmental and social implications and to inform flood defence management options in the long-term	inform Planning Process (Coastal Change Management Areas), FCERMS, Scheme delivery, sustainable environmental and amenity benefits and SMP reviews, etc.	informing coastal management planning, schemes and decisions	Medium	Environment Agency	Local Authorities & Planning Authorities, Natural England	2015/16	Yes	?
Contaminated Land / Landfill sites / Pollution Risk									
27	Disseminate EA/ CIRIA review of contaminated land sites and apply to the North Solent region.	Review may inform management of sites and line of defence through site specific schemes of FCERMS. (Depending on content and scope of review of CIRIA report with regard to current and former landfill sites, there may be a need to explore funding sources for detailed investigations to determine potential contamination risks, groundwater saline intrusion risks and long-term management and relocation of former and	informing coastal management planning, schemes and decisions	High	Environment Agency for dissemination of CIRIA report	Environment Agency, Local Authorities, Planning Authorities, County Councils, Natural England	to be confirmed	not if County Councils leading. Also not FCDGIA	n/a

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		current landfill sites in flood and erosion risk zones).							
Beach Management Plans									
28	Investigate need for Beach Management Plans and beach recycling operations	scheme delivery, sustainable management, environmental and amenity benefits	ongoing	High	Southern Coastal Group to coordinate LA requirements		no	n/a	from each individual organisation's internal budgets
29	Produce the plans for Beach Management Plan sites where necessary, following outcomes from Action 28		Dependent on Action 28	High	the relevant Operating Authority		to be confirmed	yes but in future years	n/a
30	Continue to implement current Beach Management Plans at sites such as Hurst Spit, Lee-on-the-Solent, Eastoke, and other sites as identified in Action 28		Dependent on Action 28	High	the relevant Operating Authority		Yes (various Las included BMPs in MTP)	Yes (various Las included BMPs in MTP)	n/a

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Regional Coastal Management

31	Prepare an Engagement Plan for ongoing consultations and discussions with landowners, MOD, general public	see advisory actions	Informing FCERMS and schemes	High	Environment Agency	All CSG members	2011	No	Southern Coastal Group
32	Update the EA database of final SMP policies, and CSG member records and policy documents.	informing SMP reviews	Ongoing. Informing coastal management planning, schemes and decisions	High	Environment Agency	All CSG members	ongoing	No	from each individual organisation's internal budgets

Advisory Actions

33	Report to the CSG and EMG as sub-groups of the Southern Coastal Group on the implementation of actions and update Action Plan and database. (NFDC to maintain SMP website)	Continued monitoring, data and information exchange, lessons learnt, etc	ongoing	High	Southern Coastal Group	All CSG members	No	n/a	n/a
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34	Include actions identified in Action Plan in the appropriate MTP submissions by CSG member authorities	Future funding and resource planning	ongoing	High	Southern Coastal Group	All CSG members to include relevant actions on their MTP. EA to audit process	No	n/a	n/a
35	Officers and Elected Members work with the Environment Agency to identify, secure and develop sites for habitat compensation and mitigation that contribute to the Regional Habitat Creation Programme.	Scheme delivery, sustainable environmental and amenity benefits	ongoing	High	Southern Coastal Group	All CSG members	No	n/a	n/a
36	Maintain a stakeholder engagement database and continue consultation with key stakeholders and general public in the period up to SMP3.	see Action 23. Continue to raise awareness of coastal change, sea level rise and implications of climate change, current and predicted flood and erosion risk and issues and future management of defences with Elected Members the public and stakeholders. Inform them of progress of action plan.	ongoing	High	All CSG members to identify and maintain database of stakeholders. Southern Coastal Group to collate stakeholder databases	No	n/a	36	n/a

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37	Consultation with MOD regarding their landholdings and defences	see Action 23. Ongoing and future consultations with the MOD with regard to maintenance and management of their defences. Recommend development of exit strategy if defences are either not to be maintained or if/when there may be a change in ownership of site; and continue to explore opportunities for realignment of defences for environmental enhancement and compensation habitat measures.	ongoing	High	All CSG members	No	n/a	37	n/a
38	Consultations with third parties with regard to privately owned and maintained defences	see Action 23. Ongoing and future consultations with the landowners / associations / groups with regard to maintenance and management of their defences and protection of property. Database of landowner's intentions for future management of defences and take up of HLS / RHCP opportunities.	ongoing	High	All CSG members	No	n/a	n/a	n/a
39	Consultations with development and planning colleagues e.g. defining Coastal	see Action 23. Encourage planning authorities, development and emergency response plans to refer to and take account of SMP policies, flood and erosion risk areas when	ongoing	High	All CSG members / Planning Authorities	No	n/a	n/a	n/a

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	Change Management Areas, inform national shoreline management policy and clarifying legal and planning coastal issues such as role, options, liabilities and/or obligations of the Coastal Protection Authority, Planning Authority and private defence owners	identifying Coastal Change Management Areas, and consider preparations for extreme events that exceed design standards. Investigate with planners coastal planning issues e.g. potential liabilities if defences fail or not maintained, contributions to the Regional Habitat Creation Programme for additional habitat losses associated with improvement to or additional defences, etc.							
40	Integration of subsequent FCERMS/other studies with Catchment Flood Management Plans	Identification and delivery of potential habitat creation/mitigation/upstream migration, clarification and improvements to tidal and fluvial flood risk mapping e. River Wallington	ongoing	High	All CSG members	CDS Project team / Environment Agency & Local Authorities & Planning Authorities	No	n/a	n/a
41	Continue to update and improve flood risk maps and inundation modelling to provide improved flood	Inform Planning Process, FCERMS, Schemes, consultation exercises and SMP reviews; define Coastal Change Management Areas. These measures will identify opportunities to support	ongoing	High	Environment Agency	Southern Coastal Group members	No	n/a	n/a

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	warning service and contingency planning and aid definition of Coastal Change Management Areas.	other approaches for protecting coastal communities.							
42	Review erosion and accretion rates, production of erosion risk areas, accreting areas and areas likely to permanently flood in order to define and update Coastal Change Management Areas (see PPS25 Supplement)	Inform Planning Process, FCERMS, Schemes, consultation exercises and SMP reviews; define Coastal Change Management Areas.	ongoing	High	Operating Authorities	Southern Coastal Group members	No	n/a	n/a
43	Ensure the National Coastal Erosion Risk Mapping is integrated with coastal and marine spatial planning, based on the latest available monitoring data	inform Planning Process (Coastal Change Management Areas), FCERMS, Schemes, consultation exercises and SMP reviews	ongoing	High	Environment Agency	Southern Coastal Group members	No	n/a	n/a

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	and is readily available to coastal authorities, SMP reviews, CDS and other studies								
44	Maintain a database of land and defence ownership details, defence type, condition and residual life, defence management intentions and reflect any changes arising from continued discussions with land and defence owners. Seek ownership and maintenance details for all defences when undertaking defence asset inspections in order to determine future work requirements and funding	inform FCERMS, Scheme delivery and SMP reviews, etc.	ongoing	High	Environment Agency & Local Authorities & Planning Authorities	Southern Coastal Group members	No	n/a	n/a

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	sources for maintenance and improvement works. Recommend the asset inspection and defence detail data included within EA operational mapping of defence assets.								
45	Disseminate Rapid Coastal Zone Assessment Survey (RCZSA) datasets for coastal and marine spatial planning and assessments and SMP3 review	inform Planning Process (Coastal Change Management Areas), FCERMS, Scheme delivery, sustainable environmental and amenity benefits and SMP reviews, etc.	ongoing	Medium	New Forest National Park Authority & English Heritage		2011	No	n/a
46	Continue and improve integration with tourism sector to develop sustainable management approaches for coastal communities	inform FCERMS, Schemes, consultation exercises and SMP reviews	ongoing	Medium	All CSG members / Planning Authorities		No	n/a	n/a

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47	Promote and encourage those at risk from flooding to sign up to Floodline Warnings Direct and prepare contingency measures and a Flood Plan	flood resilience and adaptive flood risk management	ongoing	Medium	Environment Agency & Local Authorities & Planning Authorities		No	n/a	n/a
48	Investigate accretion/erosion rates for intertidal habitat mapping and determining potential mitigation and compensation habitat creation when undertaking AAs at FCERMS and Scheme levels	Refine broad scale analysis in AA methodology which used a 3mm/yr accretion rate across Solent region (SDCP also developed 0mm and 6mm per yr scenarios). FCERMS / Scheme to identify the appropriate SDCP scenario for assessment.	ongoing	Medium	Environment Agency & Local Authorities & Planning Authorities		No	n/a	