

6 ACTION PLAN

6.1 Coastal risk management activities

The Action Plan for the Cornwall & Isles of Scilly Shoreline Management Plan review provides the basis for taking forward the intent of management which is discussed and developed through Chapter 4 - and summarised through the preferred policy choices set out in Chapter 5. The SMP guidance states that the purpose of the Action Plan is to summarise the actions that are required before the next review of the SMP however in reality the Action Plan is looking much further into the future in order to provide guidance on how the overall management intent for 100 years may be taken forward.

For Cornwall and the Isles of Scilly SMP the Action Plan is a critical element, because there are various conditional policies for later epochs which need to be more firmly established in the future based on monitoring and investigation. The Action Plan can set the framework for an on-going shoreline management process in the coming years, with SMP3 in 5 to 10 years time as the next important milestone.

This chapter therefore attempts to capture all intended actions necessary, on a policy unit by policy unit basis, to deliver the objectives at a local level. It should also help to prioritise FCRM medium and long-term planning budget lines. A number of the actions are representative of on-going commitments across the SMP area (for example to South West Regional Coastal Monitoring Programme).

There are also actions that are representative of wide-scale intent of management, for example in relation to gaining a better understanding of the roles played by the various harbours and breakwaters located around the coast in terms of coast protection and sea defence. Additionally, gaining a better understanding of the influence of wave driven flooding and damage around the coastline at particular locations (as opposed to the derivation of flood risks from still water flooding) is identified as a key issue for this SMP coastline, and one that makes it fairly unique within England and Wales.

At a local level, many of the actions relate to the monitoring of cliffs, dunes and beaches. This provides on-going surveillance on the actual nature of morphological change at individual sites, where the preferred policies are based on the perceived pressure on the frontage due to sea level rise, increased erosion rates and so forth. Linked into this type of action, there are some discrete areas where it is felt that more intrusive studies such as geotechnical investigations would provide valuable insight into the longer-term sustainability of certain coastal settlements.

The CSG have approved the Action Plan based on the Preferred Plan. The Action Plan lists the identified measures necessary to implement the intent of management identified by the Preferred Plan. It identifies partners and sources of funding as well as prioritising the actions into Low, Medium and High priorities. Through signing up to the Action Plan, each CSG partner is demonstrating a commitment of intent to undertake the actions, as priorities allow and funding permits.

A wide range of sources of funding have been considered in drawing up the Action Plan, which include Environment Agency Flood and Coastal Risk Management funding, Defra Grant in Aid funding, Plymouth Coastal Observatory, National Trust, English Heritage, and landowners such as private developers, the Duchy of Cornwall and Wildlife Trust. While the Action Plan does not commit these organisations to providing funding, it does document the wide range of interests that could be involved with investing in the sustainable management of the coastline. Furthermore the potential sources of funding listed in the Action Plan are not exhaustive. All funding routes should be investigated further as the Action Plan is implemented.

Table 6.1 is tabulated out into the 46 Management Areas. Within each of the 46 MAs, the required actions to implement the preferred plan are then set out on a Policy Unit basis.

Table 6.2 sets out an additional set of CFMP actions for a discrete number of Policy Units – these are derived from the relevant CFMPs (Tamar, East Cornwall and West Cornwall). Table 6.2 identifies those CFMP policies and actions at a number of locations which relate to coastal risk management activities and provides a comparison with the SMP actions identified in Table 6.1, to ensure no conflicts are present between the two plans.

TABLE 6.1 COASTAL RISK MANAGEMENT ACTIONS

POLICY UNIT	EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
SMP WIDE	Various	Various	Various	Wave dominated flooding strategy, including monitoring provision.	Short term	Quantify wave action, wave-set up, wave run-up and wind set-up risks along the South West coast. Assess and justify wave monitoring network. Determine wave risk assessment tool. Determine number of properties at risk. Revise Flood Map Inform LDF		EA, CC, PCO	High	FCRM GiA
SMP WIDE	Various	Various	Various	Identify locations requiring community adaptation and consider for the application of Defra's Pathfinder approach	Short term	Secure additional funding to assist with developing an appropriate adaptation strategy at a community / local level	A number of priority locations / communities recommended and taken forward	CC, EA, NE, EH, Defra, National Trust, Duchy, + other key stakeholders	High	Defra Pathfinder
SMP WIDE	Various	Various	Various	Digitise and orthorectify 1947 aerial photographs held by Cornwall Council	Short term	Provide long term cliff recession data.		CC, PCO, EA	Medium	FCRM GiA
SMP WIDE	Various	Various	Various	Undertake assessment of harbour breakwater structures.	Short term	Establish sea defence and coast protection roles of breakwaters and	Individual action plans or maintenance programmes	CC, EA, Harbour Commissioners	High	FCRM GiA

POLICY UNIT	EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						other harbour structures	established for primary sites.			
SMP WIDE	Various	Various	Various	Assessment of all locally important road routes at risk from erosion and/or flooding.	Short term	Establish viability of realignment or defence, identify priority routes	Individual action plans for specific road sections.	CC, Highways	High	CC
SMP WIDE	Various	Various	Various	Assessment of Coast Path and priority sections at risk.	Short term	Establish options for re-routing, identify priority sections		CC, Coast Path Team, EH	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
1.1	Undefended cliffs and beach	NAI	NAI	NAI							
1.2	Portwrinkle	HTL	MR	MR	Monitoring of erosion rates	Short term	Confirm timescale and scale of MR		PCO	Medium	FCRM GiA
					Managed Realignment scheme	Medium to long term	Manage erosion risks. Property relocated from risk zone. Maintenance costs reduced. Recording of historic harbour.	Number of property in risk zone. Annual Maintenance costs.	CC, EA, English Heritage	Low	FCRM GiA, EH
					Asset survey for Harbour	Short term	Determine condition & coast protection role of harbour structures.	Improved understanding relating to objectives.	EA, CC, EH	Low	FCRM GiA
					LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
2.1	Downderry East	NAI	NAI	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Low	FCRM GiA
2.2	Downderry (west) & Seaton	HTL	MR	MR	Monitoring of erosion rates	Short term	Confirm timescale and scale of MR		PCO	High	FCRM GiA
					Continued monitoring of local erosion in relation to CC 'Action Line'.	Medium term	Surveillance of potential increase in erosion rates along undefended sections.	CC	High	CC	
					Managed Realignment scheme	Medium to long term	Manage erosion risks. Property relocated from risk zone. Maintenance costs reduced.	CC, EA,	Low	FCRM GiA, CC	
					LDF to identify CCMA (including PU 2.3)	Short term	Manage spatial planning impacts of MR	CC Spatial Planners, EA	High	CC	
2.3	Seaton Beach	MR	NAI	NAI	Road realignment scheme	Short term	Reduce flood risk. Reduce coastal squeeze pressure. Reduce water quality impacts from tide-locking of channel	Property at risk of flooding.	EA, Cornwall Highways	Medium	FCRM GiA
					LDF to identify CCMA (including PU 2.2)	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Beach monitoring	Short term	Improved understanding of beach		PCO, CC	Low	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
3.1	Undefended cliffs and beaches	NAI	NAI	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Low	FCRM GiA
3.2	Millendreath	NAI	NAI	NAI	Monitoring of erosion rates	Short term	Confirm timescale and scale of MR		PCO, CC	Low	FCRM GiA
3.3	Plaidy	HTL	NAI	NAI	Monitoring of erosion rates	Short term	Confirm timescale and scale of MR		PCO, CC	Low	FCRM GiA
3.4	East and West Looe	HTL	HTL	HTL	Community adaptation strategy to climate change	Short term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, Harbour Authority, EA	High	
					Looe Flood Defence Scheme	Short term	Improved flood risk management		EA, CC	High	FCRM GiA
					Looe FCRM Strategy	Short term	Improved community resilience to tidal flooding and		CC, EA, PCO, Harbour Authority	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						informed by monitoring	reliance on defences				GiA
					Managed Realignment scheme	Medium to long term	Manage erosion risks. Property relocated from risk zone. Maintenance costs reduced.	Number of property in risk zone. Annual Maintenance costs.	CC, EA	Low	FCRM GiA, CC
3.7	Talland	NAI	NAI	NAI							
3.8	Polperro	HTL	HTL	HTL	Polperro Flood Defence Scheme	Medium term	Maintain flood risk management standards		EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
4.1	Undefended cliffs	NAI	NAI	NAI							
4.2	Polruan	HTL	HTL	HTL							
4.3	Fowey	HTL	HTL	HTL	Fowey Flood Defence Scheme	Short term	Maintain flood risk management standards	Annual Maintenance costs	EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
5.1	undefended intertidal areas	NAI	NAI	NAI							
5.2	Lerryn	NAI	NAI	NAI	Community adaptation strategy to climate change	Medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Improved community flood forecasting service	Short to medium term	Improved community resilience to flooding		CC, Parish Council, EA	High	CC
5.3	Golant	NAI	NAI	NAI	Community adaptation strategy to climate change	Medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Improved community flood forecasting service	Short to medium term	Improved community resilience to flooding		CC, Parish Council, EA	High	CC
5.4	Lostwithiel	HTL(with localised MR)	HTL(with localised MR)	HTL(with localised MR)	Lostwithiel Flood Defence Scheme	Short term	Maintain flood risk management standards		EA, CC	Medium	FCRM GiA
					Floodplain WFD improvements	Medium term	Improve flood plain connectivity	WFD status	EA, SWW	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
6.1	Undefended cliffs	NAI	NAI	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Low	FCRM GiA
6.2	Polkerris	MR (with localised HTL)	MR (with localised HTL)	MR (with localised HTL)	LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, Duchy, EA	High	CC
					Coast Protection maintenance for HTL or managed realignment scheme	Short to long term	Maintain defences if MR not pursued		Duchy, CC	Low	Duchy
					Condition survey for breakwater	Short term	Determine condition & coast protection /flood defence role of harbour structures.	Improved understanding relating to objectives.	EA, Duchy, EH	Medium	Duchy
6.3	Par Sands	NAI	MR	MR	LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA	High	CC
					Par and St Blazey Flood Strategy	Short to medium term	Manage increasing flood risks, including joint fluvial, tidal and surface water flooding. Inform LDF.	Number of properties at high risk	EA, CC	High	FCRM GiA
					Sand Dune BAP Habitat Strategy	Short term	Maintain or enhance dunes. Support adaptation of	Area of BAP Habitat	CC, EA, Site owners, CWT	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							caravan park				
					Sand Dune Management Plan	Short term	Maintain or enhance dunes	Area of BAP habitat	EA, CC, Site owners, CWT	Medium	FCRM GiA, CWT
					Sand Dune Management	Short to long term	Maintain or enhance dunes	Area of BAP Habitat	CC, EA, Site owners, CWT	Medium	FCRM GiA
					Monitoring of beach and dune	Short term	Confirm timescale and magnitude of MR	Improved understanding of dune behaviour	PCO, CC, EA	Medium	FCRM GiA
					Landfill remediation/ removal/ investigation	Short to medium	Remove risk of contamination from historic landfill		CC, Town Council, EA, CWT	High	CC, FCRM GiA
6.4	Par Docks	MR	NAI	NAI	Sustainable redevelopment	Short term	Eco-town development that reduces reliance on defences		Imerys, CC Spatial Planners, EA	Medium	Development

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
7.1	Undefended cliffs	NAI	NAI	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Medium	FCRM GiA
7.2	Carlyon Bay	NAI	NAI	NAI	Monitoring of beach	Short term	Confirm constrain on major development proposal	Improved understanding of beach	PCO, CC, EA, CEG (Developer)	Medium	FCRM GiA, CEG
7.3	Charlestown (harbour & west beach)	HTL/MR	HTL/MR	HTL/MR	Monitoring of cliff erosion	Short term	Confirm erosion pressure	Improved understanding of erosion risk	PCO, CC, Square Sail Company, EA	Medium	FCRM GiA, Square Sail Co
7.4	Duporth	NAI	NAI	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Low	FCRM GiA
					Coast path strategy	Short term	Establish re-routing options for Duporth section of coast path.	Coast Path route satisfactorily re-routed	CC	Medium	CC
7.5	Porthpean	MR	MR	NAI	Monitoring of cliff erosion	Short term	Confirm erosion pressure. Protect coast path	Improved understanding of erosion risk	PCO, CC, EA	Medium	FCRM GiA,
					Managed Realignment Scheme	Short to medium term	Reduced reliance on coast defences. Maintain amenity facilities	Maintenance Costs	CC, EA	Medium	FCRM GiA,
					Coast path strategy	Short term	Establish re-routing options for Porthpean section of coast	Coast path satisfactorily re-routed	CC	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							path.				

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
8.1	Undefended cliffs	NAI	NAI	NAI							
8.2	Pentewan Harbour & village	MR	MR	HTL	FCRM Scheme	Short to medium	Improve flood risk management, and community resilience		EA, CC, Parish Council, Pentewan Sands Holiday Park	High	FCRM GiA, Pentewan Sands Holiday Park
					Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Strategy to ID scheme	Short/med			EA/CC/PC	High	FDGiA
					Monitoring of beach	Short term	Confirm timescale and magnitude of MR for village. Improve understanding of obstruction to main river outfall	Improved understanding of beach and dune behaviour	PCO, CC, EA	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
8.3	Pentewan Beach	NAI	MR	NAI/HTL	Undertake sediment budget study. Consider sediment supply, hydrodynamics and aeolian transport potential. Examine historic mapping & photography.	Short term	Establish viability of dune enhancement programme.	Improved understanding of processes and sediment availability.	EA, PCO	Medium	FCRM GiA (via SWRCMP budget)
					Sand Dune BAP Habitat Strategy	Medium term	Enhance dunes, whilst adapting caravan park	Area of BAP Habitat	EA, CC, Parish Council, Pentewan Sands Holiday Park	Medium	FCRM GiA, Pentewan Sands Holiday Park
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC, Parish Council, Pentewan Sands Holiday Park	Medium	FCRM GiA, Pentewan Sands Holiday Park
					Sand Dune Management	Medium term	Enhance dunes, whilst adapting caravan park	Area of BAP Habitat	EA, CC, Parish Council, Pentewan Sands Holiday Park	Medium	FCRM GiA, Pentewan Sands Holiday Park
					Monitoring of beach and dune formation	Short term	Confirm viability of dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA, Pentewan Sands Holiday Park
8.4	Mevagissey	HTL/MR	HTL/MR	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and	Adaptation strategy included in	CC, Parish Council, EA	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
	Haven				storm damage surveys	medium	magnitude of erosion pressure	understanding of beach behaviour and infrastructure condition	EA		GiA,
					Condition survey for harbour breakwater and walls	Short term	Determine condition & coast protection /flood defence role of harbour structures.	Improved understanding relating to objectives.	EA, CC, EH	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
9.1	Undefended cliffs & coves	NAI	NAI	NAI							
9.2	Hemmick Beach	MR	NAI	NAI	Managed Realignment Scheme	Short term	Reduce reliance on defences		National Trust, CC, EA	Low	FCRM GiA, National Trust, CC
9.3	Caerhays Beach	MR	MR	MR	Monitoring of beach and dune formation	Short term	Confirm viability of dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA, Caerhays Estate

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC, Caerhays Estate	Medium	FCRM GiA, Caerhays Estate
					Sand Dune Management	Medium to long term	Enhance dunes. Adaptation of car park. Improve landscape of AONB	Area of BAP Habitat. Visual impact of car park	EA, CC, Caerhays Estate	Medium	FCRM GiA, Caerhays Estate
					Managed Realignment Scheme	Medium to long term	Reduce reliance on defences. Reduce management costs		CC, EA	Low	FCRM GiA, CC
9.4	East Portholland	NAI	NAI	NAI	Beach and erosion Monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA
					Beach and erosion Monitoring and post storm damage surveys	Medium to long term	Reduce reliance on defences. Reduce management costs		CC, EA	Low	FCRM GiA, CC
9.5	West Portholland	NAI	NAI	NAI							
9.6	Portloe	HTL	HTL	HTL	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
10.1	Undefended cliffs & coves	NAI	NAI	NAI							
10.2	Pendower East	MR	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Managed Realignment Scheme	Short	Reduce reliance on defences. Reduce management costs		CC, EA	Low	FCRM GiA, CC
					HRA Action	During realignment at Pendower and Carne beaches (near the Nare Hotel), the existing road furniture should be removed during managed realignment, but no other work (i.e. removal of shoreline material) should occur, as the ongoing erosion of this shoreline would provide potential shore dock habitat in Epochs 2 and 3. <i>Prevents adverse effects to the Fal and Helford SAC.</i>					
10.3	Pendower West	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,
10.4	Portscatho	HTL	HTL	HTL	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,

	EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
MA11 – MA13	Various	Various	Various	Fal and Helford Intertidal Habitat and Sedimentation Strategy	Short	Improve understanding of evolution of SAC features over long term. Support long term favourable condition of SAC. Determine timescales for required managed realignment.	Evidence base available for strategic planning. Evidence base for FCRM strategy	NE, EA, CC, PCO	High	FCRM GiA, NE, CC
				Review SAC boundary to include all mudflat and saltmarsh habitats notably at Mylor Creek, Restronguet to Devoran, Tresillian, Penryn, Porth Navas, and Gweek	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	High	NE

	EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
11.1	Undefended	NAI	NAI	NAI						

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
	Estuary banks										
11.2	St Mawes	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					FCRM Scheme	Short to medium	Improve flood risk management. Improve community resilience		EA, CC, Town Council, Harbour Authority	High	FCRM GiA, Town Council, Harbour Authority
11.3	St Just-in-Roseland	HTL	HTL	HTL							
11.4	Restronguet Passage	NAI	NAI	NAI							
11.5	Devoran & Perranarworthal	MR	MR	MR	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Flood Forecasting and warning improvements	Short to medium	Improved community flood resilience	Community warning available	EA, Parish Council	Medium	FCRM GiA
					Review SAC boundary to include all mudflat and saltmarsh habitats from Restronguet to Devoran and Perranwell	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	Low	NE
11.6	Mylor Quay	HTL	HTL(with localised MR)	MR	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Review SAC boundary to include all mudflat and saltmarsh habitats at Mylor Creek	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	Low	NE
11.7	Mylor Bridge	NAI	NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Flood Forecasting and warning improvements	Short to medium	Improved community flood resilience	Community warning available	EA, Parish Council	Medium	FCRM GiA
					Local Transport adaptation	Short to medium	Improved community flood resilience	Number of incidents road flooded	CC, Parish Council	Medium	CC
					Review SAC boundary to include all mudflat and saltmarsh habitats at Mylor Creek	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	Low	NE
11.8	Flushing	HTL(with localised MR)	MR	MR	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					FCRM Scheme	Medium to long term	Manage flood risks to property. Reduce risk to life	Number of properties at high risk of flooding.	CC, EA, Parish Council, Harbour Authority	Low	FCRM GiA, Parish Council, CC,
11.9	Penryn	HTL	MR	MR	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					FCRM Scheme	Short to medium	Improve flood risk management, and community resilience		EA, CC, NE, Town Council, Harbour Authority	High	FCRM GiA, Town Council, Harbour Authority
					Review SAC boundary to include all mudflat and saltmarsh habitats notably	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	Low	NE
					LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA	High	CC
					Managed Realignment Scheme	Medium term	Reduce risks to infrastructure and property. Enhance UK BAP habitat	At risk property relocated. Road realigned from risk zone. Area of BAP habitat	CC, EA, NE, Residents	Medium	FCRM GiA
11.10	Falmouth	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Falmouth FCRM Scheme	Short	Managed tidal risks to property and infrastructure.		EA, CC, Town Council	Medium	FCRM GiA
11.11	Pendennis Point	NAI	NAI	NAI							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
12.1	Undefended Estuary banks	NAI	NAI	NAI							
12.2	Ruan Laniorne	NAI	NAI	NAI	Monitoring of habitat	Short to long term	Improve understanding of evolution of SAC features over long term	Evidence base available for strategic planning	NE, EA, CC, PCO	High	FCRM GiA, NE
12.3	Tresillian	HTL	MR	MR	Managed Realignment Scheme	Medium term	Reduce risks to infrastructure and property. Enhance UK BAP habitat	At risk property relocated. Area of BAP habitat	CC, EA, NE, Residents	Medium	FCRM GiA
					Review SAC boundary to include all mudflat and saltmarsh habitats	Short to medium	SAC boundary revised		NE, EA, PCO	Low	NE
					Community adaptation strategy to climate change	Short to medium term	Improved community flood resilience and resistance	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	Medium	CC
					HRA Action	Managed realignment at Tresillian should provide a minimum of 1.7ha and up to 2.45ha of potential area for intertidal habitat migration, within Epoch 2					
12.4	Truro – Upper Basin	HTL/MR	HTL/MR	HTL/MR	Lighterage Quay Improvements	Short	Ensure continued standard of defence to Truro over short term		CC, EA, Harbour Authority	High	FCRM GiA
					Truro Strategy	Medium term	Manage risks to infrastructure and property. Protect SAC		CC, EA, NE, Harbour Authority, City	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
									Council		
					Monitoring of habitat	Short to long term	Improve understanding of evolution of SAC features over long term	Evidence base available for strategic planning	NE, EA, CC, PCO, Harbour Authority	High	FCRM GiA, NE
					Sedimentation Monitoring	Short to medium term	Improve understanding of evolution of SAC features over long term	Evidence base available for strategic planning	NE, EA, CC, PCO, Harbour Authority	High	FCRM GiA, NE
					Landfill remediation/ removal/ investigation at Boscawen Park, Garras Wharf and Lighterage Quay	Short to medium	Remove risk of contamination from historic landfills		CC, Harbour Authority, Town Council, EA, NE	High	CC, FCRM GiA
					HRA Action	Managed realignment at Boscawen Park should provide a minimum of 1.5ha and up to 4.8ha of potential area for intertidal habitat migration, within Epochs 1 and 2.					
					HRA Action	Managed realignment at Garras Wharf should provide up to 2.5ha of potential area for intertidal habitat creation, within Epochs 1 and 2.					
					HRA Action	A detailed analysis regarding the operation of the Truro Tidal Barrier should be undertaken in Epoch 1 along with a study into the accretion of sediments within the Tidal Basin, in order to ensure that operation of the Tidal Barrier maintains an accretion level in line with sea level rise (this could be undertaken as part of a future Strategy. <i>All prevents adverse effects to the Fal and Helford SAC.</i>					
12.5	Calenick Creek	MR	MR	MR	Managed Realignment Scheme	Short to long term	Reduce risks to infrastructure and property. Enhance SAC habitat	Enhanced SAC habitat	CC, EA, NE, Residents	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					HRA Action						
						Managed realignment within Calenick Creek (including the eastern end where the unit links with the southern end of Lighterage Wharf) should provide a minimum of 4.6ha of potential area for intertidal habitat migration, within Epochs 1 and 2.					

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
13.1	Undefended cliff sections	NAI	NAI	NAI							
13.2	Castle Beach and Gyllyngvase	HTL	HTL	HTL							
13.3	Swanpool	HTL	MR	MR	Managed Realignment Scheme	Medium to long term	Reduce risks to infrastructure and property. Enhance SAC habitat	Enhanced SAC habitat	CC, EA, NE,	Medium	FCRM GiA, NE, CC
13.4	Maenporth	HTL	MR	MR	Managed Realignment Scheme	Medium to long term	Reduce risks to infrastructure and property. Enhance SAC habitat	Enhanced SAC habitat	CC, EA, NE,	Medium	FCRM GiA NE, CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
14.1	Undefended Estuary Banks (and including undefended estuary communities)	NAI/MR	NAI/MR	NAI/MR	Review SAC boundary to include all mudflat and saltmarsh habitats notably at Gweek and Porth Navas	Short to medium	All mudflats and saltmarsh included within SAC boundary		NE, EA, PCO	Low	NE
14.2	Durgan	NAI	NAI	NAI							
14.3	Helford Passage	NAI	NAI	NAI	Flood Forecasting and warning improvements	Short to medium	Improved community flood resilience	Community warning available	EA, Parish Council	Medium	FCRM GiA
14.4	Gweek	MR	MR	MR	Managed Realignment Scheme	Medium to long term	Reduce risks to infrastructure and property. Enhance SAC habitat	Enhanced SAC habitat	CC, EA, NE,	Medium	FCRM GiA, NE, CC
14.5	Gweek Quays (north & south)	HTL	HTL	HTL	FCRM Scheme	Medium to long term	Reduce risks to infrastructure and property. Enhance SAC habitat	Enhanced SAC habitat	landowners, CC, EA, NE,	Low	landowners, FCRM GiA, NE, CC
14.6	Helford	NAI	NAI	NAI							
14.7	Flushing	NAI	NAI	NAI							
14.8	Gillan	NAI	NAI	NAI							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
15.1	Undefended cliffs and coves	NAI	NAI	NAI							
15.2	Porthallow	HTL	MR	MR	Managed Realignment Scheme	Medium to long term	Reduce risks to property and transport infrastructure		CC, EA,	Medium	FCRM GiA, CC
15.3	Porthoustock	NAI	NAI	NAI							
15.4	Coverack	HTL	MR	MR	Managed Realignment Scheme	Medium to long term	Reduce risks to property. Retain or relocate transport infrastructure Enhance SSSI exposure		CC, EA, NE,	Medium	FCRM GiA NE, CC
					LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA	High	CC
					Landfill site remediation	Short term	Reduce risk of erosion to landfill		CC	Medium	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Geotechnical investigations of relict cliff face position and geology.	Short term	Establish nature and position of underlying hard geology.	Evidence to establish accurate future shoreline	CC, EA, NE	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
								position under NAI.			
	<i>Coverack (if supported by CC highways)</i>	HTL	HTL	HTL	Highways Scheme	Medium to long term	Reduce risks to property. Retain transport infrastructure Enhance SSSI exposure		CC, EA, NE,	Medium	CC, NE
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and cliff behaviour	PCO, CC, EA	Medium	FCRM GiA,
15.5	Kennack Sands	MR	MR	MR	Monitoring of beach and dune formation	Short term	Confirm pressure on dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC, NE	Medium	FCRM GiA, NE
15.6	Cadgwith	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	Medium	CC
					Monitor local areas of erosion on 'The Todden'	Short/Medium	Stabilize head material on 'The Todden,		CC/Grade Ruan PC	Medium	GRPC/CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
16.1	Undefended cliffs and coves	NAI	NAI	NAI							
16.2	Mullion Cove	NAI	NAI	NAI	Wave Action Study	Short to medium	Assess risk to life from wave run-up once Harbour structure is lost. Support a flood response plan.		National Trust, EA	Low	FCRM GiA, National Trust
16.3	Poldhu Cove	NAI	NAI	NAI	Monitoring of beach and dune formation	Short term	Confirm pressure on dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC, NE, National Trust	Medium	FCRM GiA, National Trust
					Monitor levels of sand extraction.	Short/Medium	Eradicate sand extraction.	Maintain bollards to stop mechanical sand extraction.	CC/NT	High	CC/NT?
16.4	Church Cove	NAI	NAI	NAI	Monitoring of beach and dune formation	Short term	Confirm pressure on dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC, National Trust	Medium	FCRM GiA, National Trust
16.5	Jangye-ryn	MR	MR	NAI	HRA Action	At Jangye-ryn, realigning only those elements that are man-made would prevent the loss of					

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Scheme	long term	property. Enhance SSSI		NE,		GiA NE,
17.4	Porthleven	HTL	HTL	HTL	Condition survey for harbour breakwater	Short term	Determine condition & coast protection /flood defence role of breakwater and the outer harbour structures.	Improved understanding of level of defence/protection.	EA, CC, EH	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
18.1	Undefended cliffs	NAI	NAI	NAI							
18.2	Praa Sands (east)	MR	MR	NAI	LDF to identify CCMA (includes PU18.3)	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA, Parish Council	High	CC
					Beach and dune Monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,
					Beach and Dune	Short to	Reduce risks to		PCO, CC,	Medium	FCRM

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Management Plan	medium	property. Enhance SSSI		EA, Parish Council		GiA,
					Managed Realignment Scheme/ Dune Management	Medium to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	CC, EA, NE, Parish Council	Medium	FCRM GiA NE,
					Undertake Sediment Budget Study. Consider sediment supply, hydrodynamics and aeolian transport potential	Short term	Establish viability of dune enhancement programme.	Improved understanding of processes and sediment availability to support adoption of managed realignment approach.	EA, PCO	Medium	FCRM GiA (via SWRCMP budget)
18.3	Praa Sands (west) Sydney Cove	MR	MR	MR	LDF to identify CCMA (includes PU18.2)	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA, Parish Council	High	CC
					Managed Realignment Scheme	Medium to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	CC, EA, NE, Parish Council	Low	FCRM GiA NE,
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,
18.4	Perranuthnoe	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	Medium	FCRM GiA,

PDZ	LEVEL	EPOCH	EPOCH	EPOCH	ACTIONS	INDICATIVE	OBJECTIVES	MONITORING	PARTNERS	PRIORITY	FUNDING
ACTIONS		1	2	3		TIMESCALE		INDICATORS			
19.6 – 21.2	Marazion Marsh to Newlyn	Various	Various	Various	LDF to identify Mount's Bay CCMA, and to consider Area Action Plan in next LDF	Short term	Support favourable condition of SPA, and/or its relocation. LDF supports sustainable coastal management	FCRM Policy in Core Strategy. Area Action Plan produced. Marazion Marsh policy in Core Strategy.	CC Spatial Planners, Town and Parish Councils, RSPB, NE, EA, HA, landowners, Network Rail	High	CC
					Penzance Development Framework incorporates findings of SMP and subsequent strategy	Short term	Supports delivery of FCRM strategy. Support favourable condition of SPA, and/or its relocation Sustainable long-term management of flood and erosion risk to property and infrastructure	FCRM policy incorporated. Marazion Marsh policy incorporated.	CC, Town and Parish Councils, RSPB, NE, EA, landowners, HA, Network Rail	High	CC
					Mounds Bay FCRM Strategy	Short to medium	Informs Spatial; Planning and Development Framework of coastal pressure and defence options. Identify preferred scheme to manage flood	Improved understanding of future erosion pressures. Identify MR options. Baseline evidence provided for Development Framework	EA, CC, Parish and Town Councils, landowners, NE, RSPB, Network Rail, Highways Agency	High	FCRM GiA, EU Convergence, CC

PDZ		LEVEL			ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
ACTIONS	LEVEL	EPOCH 1	EPOCH 2	EPOCH 3							
							and coastal risks to property and infrastructure. Support SPA favourable condition or relocation.	and LDF			
					Review Local Transport Plan	Short to medium	Support delivery of FCRM Managed Realignment Scheme	Medium to Long term policy for A30 at Mount's Bay determined that addresses flood and erosion pressures	CC, Highways Agency, Network Rail, DfT, Parish and Town Councils, landowners, NE, RSPB	High	CC Highway Agency
					Review Regional Rail Network Plan	Short to medium	Support delivery of FCRM Managed Realignment Scheme	Medium to long term policy for mainline railway at Mount's Bay determined which addresses flood and erosion pressures	Network Rail, DfT, CC, Highways Agency, Parish and Town Councils, landowners, NE, RSPB	High	Network Rail DfT
					Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property		PCO, EA, CC, Harbour Authority	High	FCRM GiA

PDZ		LEVEL			EPOCH		ACTIONS		INDICATIVE	OBJECTIVES	MONITORING	PARTNERS	PRIORITY	FUNDING
ACTIONS		1	2	3				TIMESCALE		INDICATORS				
					Beach and dune monitoring and post storm damage surveys		Short to medium	Confirm magnitude of erosion pressure, and defence condition	Improved understanding of beach and defence behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,		

POLICY UNIT		EPOCH			ACTIONS		INDICATIVE	OBJECTIVES	MONITORING	PARTNERS	PRIORITY	FUNDING
		1	2	3			TIMESCALE		INDICATORS			
19.1	Undefended Cliffs (including southern part of Mount)	NAI	NAI	NAI								
19.2	Marazion east (Venton Cove)	NAI	NAI	NAI	Study/Strategy FCRM Schemes		Short medium			EA/CC EA/CC	High High	FCRM GiA FCRM GiA
19.3	Marazion Town	HTL	HTL	HTL	Condition and performance survey for harbour breakwater		Short term	Determine condition & coast protection /flood defence role of breakwater and	Improved understanding of level of coast protection offered by structure.	EA, CC, EH, NT	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							the outer harbour structures.				
19.4 (a)	St Michael's Mount - Causeway	HTL	NAI	NAI							
19.4 (b)	St Michael's Mount – Harbour	HTL	HTL	HTL	Condition and performance survey for western harbour arm	Short term	Determine condition & coast protection /flood defence role of the harbour.	Improved understanding of level of defence/protection provided to harbour community and condition of asset.	NT, EA, CC, EH	High	National Trust
19.5	Marazion west (Chapel Rock to Marazion Bridge)	HTL	HTL	HTL	Study/Strategy FCRM Schemes	Short Medium			EA/CC EA/CC	High High	FCRM GiA FCRM GiA
19.6	Marazion Marsh	HTL	HTL	HTL	See PDZ8 Action						
					Marazion Marsh Habitat Strategy (may form part of Mount's Bay Strategy see PU20.1)	Short to medium	Identify threats and opportunities for SPA management and adaptation		NE, RSPB, CC, Parish Council, landowners, EA	High	NE, RSPB, FCRM GiA
					FCRM Scheme	Short to medium	SPA protected from tidal encroachment. Support SPA favourable condition.	Frequency of tidal encroachment, overtopping and saline intrusion through defences does not increase.	NE, RSPB, CC, Parish Council, landowners, EA	High	NE, RSPB, FCRM GiA CC
	Beach and Dune Management Plan	Short to medium	Reduce risks SPA		RSPB, NE, PCO, CC, EA, Parish	Medium	FCRM GiA, NE, RSPB				

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					HRA Action				Council		
					<p>Improving the culverts, pipes and other outfall structures within Marazion Marsh and through the coastal embankment should avoid or minimise the scale of saline intrusion and tide-locking effect on water levels within the Marsh, thereby counteracting the effects of sea level rise. In order to determine the appropriate measures and works, a detailed study on current and future water levels within the Marsh, as well as salinity levels and saline intrusion potential, will be needed to identify and design a feasible scheme. This study could be undertaken as part of an expanded Water Level Management Plan. <i>Prevents adverse effects to Marazion March SPA</i></p>						

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
20.1	Longrock	HTL	MR	MR	See PDZ8 Action						
					Mount's Bay FCRM Managed Realignment Scheme (following Strategy)	Medium to Long	Sustainable long-term management of flood and erosion risk to property and infrastructure Support SPA favourable		EA, CC, Town and Parish Councils, Network Rail, Highways Agency	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							condition. Supports UK BAP habitat				
20.2	Eastern Green	HTL	MR	MR	See PDZ8 Action Mount's Bay FCRM Managed Realignment Scheme (following Strategy)	Medium to Long	Sustainable long-term management of flood and erosion risk to property and infrastructure Support SPA favourable condition. Supports UK BAP habitat		EA, CC, Town and Parish Councils, Network Rail, Highways Agency	High	FCRM GiA
20.3	Chyandour	HTL	HTL	HTL	See PDZ8 Action						

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
21.1	Penzance Harbour & Docks	HTL	HTL	HTL	See PDZ8 Action						
					Condition and performance survey for harbour breakwaters and piers.	Short term	Determine condition & coast protection /flood defence role of breakwater and the outer harbour structures.	Improved understanding of level of defence/protection provided to Penzance due to structures.	EA, CC, EH	Medium	FCRM GiA
					Penzance Harbour FCRM Scheme (following Strategy)	Short	Managed tidal, fluvial and erosion risks to property and infrastructure.		EA, CC, Town Council, Harbour Authority	Medium	FCRM GiA
21.2	Wherry Town	HTL	MR	MR	See PDZ8 Action						
					Wherry Town FCRM Scheme (following Strategy)	Short	Managed tidal, fluvial and erosion risks to property and infrastructure.		EA, CC, Town Council	Medium	FCRM GiA
21.3	Newlyn	HTL	HTL	HTL	Tidal Flood Protection Scheme	Short to Medium	Reduce risks to property.		CC, EA, Parish Council, Harbour Authority	Medium	FCRM GiA, Harbour Authority
21.4	Sandy Cove	NAI	NAI	NAI							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
22.1	Cliff Road	HTL	HTL	HTL							
22.2	Mousehole	HTL	HTL	HTL	Condition and performance survey for harbour breakwaters/piers	Short term	Determine condition & coast protection /flood defence role of north and south piers.	Improved understanding of level of defence/protection afforded to Mousehole by harbour structures.	EA, CC, EH	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
23.1	Undefended Cliffs	NAI	NAI	NAI							
23.2	Lamorna Cove	NAI	NAI	NAI	Condition and performance survey for harbour breakwater	Short term	Determine condition & coast protection /flood defence role of harbour pier	Improved understanding of level of defence/protection.	EA, CC, EH	Low	FCRM GiA / Private funding contribution?

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
24.1	Undefended Cliffs	NAI	NAI	NAI	Monitoring of cliff erosion at WHS	Short term	Confirm erosion risks to WHS, notably Crown Engine House.		PCO, English Heritage, EA	Low	FCRM GiA, EH
24.2	Sennen Cove	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	Medium	CC
					Highway/ FCRM Scheme	Medium to long term	Maintain highway. Support community resilience to flooding and erosion		PCO, EA, CC, Harbour Authority	Low	CC, FCRM GiA
					Condition and performance survey for harbour breakwater	Short term	Determine condition & coast protection /flood defence role of breakwater.	Improved understanding of level of defence/protection afforded to development immediately behind harbour.	EA, CC, EH	Medium	FCRM GiA
					Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property		PCO, EA, CC, Harbour Authority	High	FCRM GiA
24.3	Whitesand Bay (Sennen & Gwynver Beaches)	NAI	NAI	NAI	Monitoring of beach and dune formation	Short term	Confirm pressure on dune management.	Improved understanding of beach and dune behaviour	PCO, CC, EA	Medium	FCRM GiA,
					Sand Dune Management Plan	Short term	Support enhancement of dunes	Area of BAP habitat	EA, CC	Medium	FCRM GiA, CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
25.1	Undefended cliffs	NAI	NAI	NAI							
25.2	Porthmeor	HTL	HTL	HTL	Beach monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and defence condition	Improved understanding of beach and defence behaviour	PCO, CC, EA, Town Council	High	FCRM GiA,
					Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	Medium	CC
					Beach Management Plan	medium	Manage erosion risks to defences		PCO, CC, EA, Town Council	High	FCRM GiA,
25.3	Porthgidden to the Pier	HTL	HTL	HTL							
25.4	St Ives Harbour	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	Medium	CC
					Condition and performance survey for harbour breakwater (Smeaton's Pier)	Short term	Determine condition & coast protection /flood defence role of breakwater	Improved understanding of level of defence/protection to St Ives frontage	EA, CC, EH	Medium	FCRM GiA
					FCRM Scheme; The Sloop FCRM Scheme; Wharf	Short			EA/CC	High	FCRM GiA
								EA/CC	High		

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
25.5	Porthminster beach	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
26.1	Undefended cliffs	NAI	NAI	NAI							
26.2	Carbis Bay	NAI	NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
27.1	Porth Kidney	NAI	NAI	NAI	Beach monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	Medium	FCRM GiA,
					Beach and Dune Management Plan	Medium	Support and enhance UK BAP habitat		PCO, CC, EA, Parish Council	Medium	FCRM GiA,
27.2	Lelant Towans	MR	MR	MR	Beach monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	Medium	FCRM GiA,
					Beach and Dune Management Plan	Medium	Support and enhance UK BAP habitat	Area of BAP Habitat.	PCO, CC, EA, Parish Council	Medium	FCRM GiA,
					FCRM Managed Realignment	Medium to long term	Managed tidal, fluvial and erosion risks to property and infrastructure. Support UK BAP habitat	Area of BAP Habitat.	EA, CC, Parish Councils, Network Rail	Medium	FCRM GiA
27.3	Lelant frontage	HTL	HTL	HTL							
27.4	St Erth	HTL/MR	HTL/MR	HTL/MR	FCRM Managed Realignment	Short to long term	Managed tidal, fluvial and erosion risks to property and infrastructure. Support UK BAP habitat Deliver WFD Heavily Modified Water	Hayle Estuary Ecological Potential. Area of BAP habitats.	EA, CC, Parish Councils, Network Rail, Highways Agency, SWW, RSPB, landowners	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							Body mitigation measure.				
27.5	Griggs Quay / Causeway	HTL	MR	HTL/MR	FCRM Managed Realignment	Medium to long term	Managed tidal, fluvial and erosion risks to property and infrastructure. Deliver WFD Heavily Modified Water Body mitigation measure.	Hayle Estuary Ecological Potential. Area of BAP habitat.	EA, CC, Parish Councils, English Heritage, Highways Agency, Network Rail, RSPB	Medium	FCRM GiA CC
27.6	Harbour, East Quay & South Quay	HTL	HTL	HTL	FCRM Scheme	Medium to long term	Managed tidal, fluvial and erosion risks to property and infrastructure. Maintain SSSI in favourable condition. Maintain or enhance WHS.	Hayle Estuary achieves good ecological potential. Support UK BAP targets. No loss of intertidal mudflats.	Harbour Authority, landowner, EA, CC, Town Councils, English Heritage, NE	Medium	Landowner, FCRM GiA, English Heritage, NE
27.7	Copperhouse Pool	HTL	HTL	HTL	FCRM Scheme	Medium to long term	Managed tidal, fluvial and erosion risks to property and infrastructure. Maintain SSSI in favourable condition. Maintain or enhance WHS.	Hayle Estuary achieves good ecological potential. Support UK BAP targets. No loss of intertidal mudflats	EA, CC, Town Councils, Harbour Authority, landowner, NE	Medium	FCRM GiA, Landowner, NE, English Heritage
27.8	Harvey's Towans	MR	MR	MR	LDF to identify CCMA (includes PU28.2, 28.3 and PU28.4)	Short term	Manage spatial planning impacts of MR and dune management	CCMA identified in Core Strategy	CC Spatial Planners, NE, EA, Town Council	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, NE, CC, EA, Town Council, landowners	High	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	Area of BAP Habitat	PCO, NE, CC, EA, Town Council, landowners	Medium	FCRM GiA, NE
					Managed Realignment Scheme/ Dune Management	Short to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	NE, CC, EA, NE, Town Council, landowners	Medium	FCRM GiA NE,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
28.1	Black Cliff	NAI	NAI	NAI	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, NE, CC, EA, Town Council	High	FCRM GiA, NE
28.2	Mexico Towans to	MR	MR	MR	LDF to identify CCMA (includes PU27.7, 28.3 and PU28.4)	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, NE, EA,	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
	Gwithian Towans						and dune management		Town Council, CWT, landowners		
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, NE, CC, EA, Town Council, CWT, landowners	High	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	Area of BAP Habitat	PCO, NE, CC, EA, Town Council, CWT, landowners	Medium	FCRM GiA, NE
					Managed Realignment Scheme/ Dune Management	Short to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	NE, CC, EA, NE, Town Council, CWT, landowners	Medium	FCRM GiA NE,
28.3	Gwithian Beach & Red River	MR	MR	MR	LDF to identify CCMA (includes PU27.7, 28.2 and PU28.4)	Short term	Manage spatial planning impacts of MR and dune management	CCMA identified in Core Strategy	CC Spatial Planners, NE, EA, Town Council	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, NE, CC, EA, Town Council, CWT	High	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property.	Area of BAP Habitat	PCO, NE, CC, EA,	Medium	FCRM GiA, NE

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							Enhance SSSI		CWT, Town Council		
					Managed Realignment Scheme/ Dune Management	Short to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	NE, CC, EA, NE, CWT, Town Council	Medium	FCRM GiA NE,
28.4	Godrevy cliffs	NAI	NAI	NAI	LDF to identify CCMA (includes PU27.7, 28.2 and PU28.3)	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, NE, EA, Town Council, National Trust	High	CC
					Geotechnical Study of cliff failure & associated risk assessment	Short term	Confirm mechanisms of failure and principle driver of failure risk	Improved understanding of cliff behaviour	Town Council, National Trust, Godrevy Farm	High	NT, CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, NE, CC, EA, Town Council	High	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	Area of BAP Habitat	PCO, NE, CC, EA, Town Council, National Trust	Medium	FCRM GiA, NE

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
29.1	Undefended cliffs (including cove at Chapel Porth)	NAI	NAI	NAI							
29.2	Portreath Beach	HTL	MR	MR	LDF to identify CCMA (includes PU29.3)	Short term	Manage spatial planning impacts of MR and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Town Council, English Heritage	High	CC
					Beach monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council, English Heritage	High	FCRM GiA
					FCRM Scheme	Medium to long term	Reduce risks to property.	Number of properties at high risk reduced	CC, EA, Town Council, English Heritage	Medium	FCRM GiA, CC, EH
					Condition and performance survey for harbour breakwater	Short term	Determine condition & coast protection /flood defence role of breakwater and the outer harbour structures.	Improved understanding of level of defence/protection afforded to the inner harbour area and eastern Portreath frontage.	EA, CC, EH, Harbour Authority	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Wave Study and monitoring (includes PU29.3)	Short term	Improved wave climate understanding and quantify risk to property		PCO, EA, CC, Harbour Authority	High	FCRM GiA
29.3	Portreath Harbour	HTL	HTL/MR	HTL/MR	LDF to identify CCMA (includes PU29.2)	Short term	Manage spatial planning impacts of MR and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Town Council, English Heritage	High	CC
					Condition and performance survey for harbour breakwater	Short term	Determine condition & coast protection /flood defence role of breakwater and the outer harbour structures.	Improved understanding of level of defence/protection afforded to the inner harbour area and eastern Portreath frontage.	EA, CC, EH, Harbour Authority	High	FCRM GiA
					Beach monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council, English Heritage	High	FCRM GiA
					FCRM Scheme	Medium to long term	Reduce risks to property.	Number of properties at high risk reduced	CC, EA, Town Council, English Heritage	Medium	FCRM GiA, CC, EH
					Wave Study and monitoring (includes PU29.2)	Short term	Improved wave climate understanding and quantify risk to property		PCO, EA, CC, Harbour Authority	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
29.4	Porthtowan	MR	MR	MR	LDF to identify CCMA	Short term	Manage spatial planning impacts of MR/NAI and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Parish Council	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	Area of BAP Habitat	PCO, CC, EA, Parish Council	Medium	FCRM GiA, NE
					Dune Management	Short to long term	Reduce risks to property. Enhance BAP habitat	Area of BAP Habitat	NE, CC, EA, Parish Council	Medium	FCRM GiA NE,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
30.1	Undefended cliffs	NAI	NAI	NAI							
30.2	Trevaunance Cove	NAI (with	NAI (with	NAI/MR	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and	Adaptation strategy included in	CC, Town Council, EA	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
		localised HTL)	localised HTL)		Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property	Settlement Strategy	PCO, EA, CC	Medium	FCRM GiA
30.3	Perranporth	HTL	MR	MR	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property.	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
					Beach monitoring and post storm damage surveys	Short term	Confirm magnitude of erosion pressure, and flood risks	Improved understanding of beach and wave climate behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property Inform Spatial Planning of flood risks	Still water flooding replaced in Flood Map	PCO, EA, CC	High	FCRM GiA
					FCRM Bolingey fluvial Scheme	Short term	Reduce risks to life and property.	Combined fluvial, tidal and wave induced flooding considered	CC, EA, Town Council	Medium	FCRM GiA, CC
					FCRM Managed	Medium to	Reduce risks to	Number of	CC, EA,	High	FCRM

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					realignment Scheme	long term	life and property.	properties at high risk reduced	Town Council		GiA, CC
30.4	Perran Beach	MR	MR	MR	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and beach management options	Improved understanding of beach behaviour	PCO, CC, NE, EA, Town Council	Medium	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Ensure SSSI remains in favourable condition	Area of BAP Habitat SSSI condition	PCO, CC, NE, EA, Town Council	Medium	FCRM GiA, NE
30.5	Penhale and Holywell Bay	MR	MR	MR	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, NE, EA, Town and Parish Council	Medium	FCRM GiA, NE
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	No loss of BAP Habitat	PCO, CC, NE, EA, Town and Parish Councils	Medium	FCRM GiA, NE
					Dune management	Short to long term	Ensure SSSI remains in favourable condition. Enhance BAP habitat	Area of BAP Habitat. SSSI condition	NE, CC, EA, Town and Parish Council	Medium	FCRM GiA NE,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
31.1	Undefended cliffs	NAI	NAI	NAI							
31.2	Crantock Beach	NAI	NAI	NAI	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	Medium	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Enhance SSSI	Area of BAP Habitat	PCO, CC, EA, Parish Council	Medium	FCRM GiA
31.3	The Gannel	NAI	NAI	NAI							
31.4	Pentire / south Fistral	HTL	NAI	NAI	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Town Council	Medium	FCRM GiA
31.5	Central Fistral & Dunes	MR	MR	MR	LDF to identify CCMA (to include PU31.6)	Short term	Manage spatial planning impacts of MR/NAI and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Town Council, Golf Course owners	High	CC
					Beach and dune Monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Reduce risks to property.	Area of BAP Habitat	PCO, CC, EA, Town Council	Medium	FCRM GiA
					Dune Management	Short to	Reduce risks to	No loss of	CC, EA,	Medium	FCRM

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						long term	property. Enhance BAP habitat	BAP Habitat	Town Council		GiA
31.6	North Fistral	HTL	HTL/MR	MR	LDF to identify CCMA (to include PU31.5)	Short term	Manage spatial planning impacts of MR/NAI and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Town Council, Landowner	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Beach Management Plan	Short to medium	Reduce risks to property.	Area of BAP Habitat	PCO, CC, EA, Town Council	Medium	FCRM GiA
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to property. Enhance BAP habitat. Maintain amenity infrastructure	Area of BAP Habitat	CC, EA, Town Council, landowner	Medium	FCRM GiA, landowner CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
32.1	Undefended cliffs	NAI	NAI	NAI							
32.2	Newquay Harbour	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Beach Management Plan	Short to medium	Reduce risks to property.		PCO, CC, EA, Town Council	Medium	FCRM GiA
					Condition and performance study for north pier	short	Maintain defence to harbour & town	Improved understanding of pier role in coast protection	EA/CC	High	FDGiA
					Repair scheme	Short	Maintain defence to harbour & town		EA/CC	High	FDGiA
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
32.3	Towan Beach	HTL	HTL/NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
32.4	Great Western Beach	NAI	NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
32.5	Tolcarne Beach	HTL	HTL/NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
32.6	Lusty Glaze	NAI	NAI	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
32.7	Porth	HTL	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach behaviour	PCO, CC, EA, Town Council	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Beach Management Plan	Short to medium	Reduce risks to property and infrastructure		PCO, CC, EA, Town Council	Medium	FCRM GiA
					Strategic Flood Risk Assessment to consider wave induced flooding	Short term	Reduce risks to life and property	Wave induced flooding included in SFRA	CC, EA, PCO	High	CC
					Potential realignment of highway	Short/med term	Investigate potential options. Combine with overall adaptation strategy.	Highway realigned away from erosion and flood risk zone.	CC, EA, Highways	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
33.1	Undefended cliffs	NAI	NAI	NAI							
33.2	Watergate Bay	NAI	NAI	NAI							
33.3	Mawgan Porth – road section	MR	MR	NAI	Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property and		PCO, EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							infrastructure				
					Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					LDF to identify CCMA	Short term	Manage spatial planning impacts of MR and dune management	CCMA identified in Core Strategy	CC Spatial Planners, EA, Parish Council, landowner	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Beach Management Plan (with 33.4)	Short to medium	Reduce risks to property.	Area of BAP Habitat	PCO, CC, EA, Town Council	Medium	FCRM GiA
					Wave Study and monitoring	Short term	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, CC	Medium	FCRM GiA
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to property. Enhance BAP habitat.	Area of BAP Habitat	CC, EA, Parish Council, landowner	Medium	FCRM GiA, CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							Maintain amenity infrastructure				
33.4	Mawgan Porth - dunes	NAI	NAI	NAI	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA
					Beach and Dune Management Plan (with PU33.3)	Short to medium	Reduce risks to property.	Area of BAP Habitat	PCO, CC, EA, Parish Council	Medium	FCRM GiA
33.5	Porthcothan cliff	NAI	NAI	NAI							
33.6	Porthcothan beach	NAI/HTL	NAI/HTL	NAI/HTL	Beach and Dune Management Plan	Short to medium	Maintain and enhance BAP habitat	Area of BAP Habitat	PCO, CC, EA, Parish Council, Porthcothan Sand Dune Trust	Low	FCRM GiA, CC, Porthcothan Sand Dune Trust
33.7	Treyarnon	NAI	NAI	NAI	Beach and Dune Management Plan	Short to medium	Maintain and enhance BAP habitat	Area of BAP Habitat	PCO, CC, EA, Parish Council, landowners	Low	FCRM GiA, CC, landowners
33.8	Constantine Bay	NAI	NAI	NAI	Beach and Dune Management Plan	Short to medium	Maintain and enhance BAP habitat	Area of BAP Habitat	PCO, CC, EA, Parish Council, landowners	Medium	FCRM GiA, CC, landowners

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
34.1	Undefended cliffs	NAI	NAI	NAI							
34.2	Harlyn Beach	HTL	MR	MR	Community adaptation strategy to climate change	Short to medium	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA, landowners	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Reduce risks to property. Restore and enhance Sand Dune. Enhance AONB landscape value	Area of BAP Habitat	PCO, CC, EA, Town Council, landowners	Medium	FCRM GiA
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to property. Enhance BAP habitat. Enhance AONB landscape value	Area of BAP Habitat Number of properties at risk. Level of risk to infrastructure	CC, EA, Parish Council, landowners	Medium	FCRM GiA, CC, landowners
					Potential realignment of highway	Medium to long term	Investigate potential options. Combine with overall	Highway realigned away from erosion and flood risk	CC, EA, Highways	Medium	CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							adaptation strategy.	zone.			
34.3	Trevone cliffs	NAI	NAI	NAI	Coast path strategy	Short term	Establish re-routing options for Trevone Bay section of coast path.	Coast path route satisfactorily re-routed	CC	Medium	CC
34.4	Trevone beach	MR	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA, landowners	High	CC
					Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Town Council	High	FCRM GiA
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to property. Enhance BAP habitat. Enhance AONB landscape value	Area of BAP Habitat Number of properties at risk. Level of risk to infrastructure	CC, EA, Parish Council, landowners	Medium	FCRM GiA, CC, landowners

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
35.1	Undefended cliffs and estuary banks	NAI	NAI	NAI							
35.2	Padstow Harbour	HTL	HTL	HTL	FCRM Scheme	Short to long term	Reduce risks to property and infrastructure	Area of BAP Habitat Number of properties at risk. Level of risk to infrastructure	CC, EA, Town Council, Harbour Authority, landowners	Medium	FCRM GiA, CC, Harbour Authority
					Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Town Council, EA	Low	CC
35.3	Padstow south (Dinas)	NAI	NAI	NAI							
35.4	Central Camel left bank	NAI	NAI	NAI							
35.5	Wadebridge	HTL	HTL	HTL	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Town Strategy	CC, Town Council, EA	High	CC
					FCRM Scheme	Short to long term	Maintain defences	Number of properties at high risk	CC, EA, Town Council, landowners	Medium	FCRM GiA, CC,
35.6	Egloshayle left bank	HTL	MR	MR	FCRM Managed Realignment Scheme	Short to long term	Manage risks to property and	Number of properties at	CC, EA, Town	Medium	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							infrastructure. Enhance UK BAP habitats	high risk. Area of flood plain grazing marsh.	Council, landowners		CC,
					HRA Action	During preparation and design of MR implementation, appropriate detailed geomorphological study and modelling must be undertaken to ensure that there is no net change (or design out any change) in river flows, with a particular focus on preventing net change in substrates. Appropriate design would avoid any potential adverse impact on the supporting habitat, and its characteristics, for bullhead, otter, and Atlantic salmon. <i>Prevents adverse effects to the River Camel SAC</i>					
35.7	Egloshayle Right Bank	HTL	HTL	HTL	FCRM Scheme	Medium to long term	Manage risks to property and infrastructure. Enhance UK BAP habitats	Number of properties at high risk. Area of flood plain grazing marsh.	CC, EA, Town Council, landowners	Medium	FCRM GiA, CC,
35.8	Sladesbridge	HTL	MR (with localised HTL)	MR (with localised HTL)	HRA Action	During preparation and design of MR implementation, appropriate detailed geomorphological study and modelling must be undertaken to ensure that there is no net change (or design out any change) in river flows, with a particular focus on preventing net change in substrates. Appropriate design would avoid any potential adverse impact on the supporting habitat, and its characteristics, for bullhead, otter, and Atlantic salmon. <i>Prevents adverse effects to the River Camel SAC</i>					
					FCRM Managed Realignment Scheme	Short to long term	Manage risks to property and infrastructure. Enhance UK BAP habitats	Number of properties at high risk. Area of flood plain grazing marsh.	CC, EA, Town Council, landowners	Medium	FCRM GiA, CC,
35.9	Amble Marshes	HTL	MR	MR	HRA Action	During preparation and design of MR implementation, appropriate detailed geomorphological study and modelling must be undertaken to ensure that there is no net change (or design out any change) in river flows, with a particular focus on preventing net change in substrates. Appropriate design would avoid any potential adverse impact on the supporting habitat, and its characteristics, for bullhead, otter, and Atlantic salmon. <i>Prevents adverse effects to the River Camel SAC</i>					
					Amble Marsh Water Level Management Scheme	Short term	Enhance freshwater BAP habitats.	Area of flood plain grazing marsh.	CC, EA, NE, Parish Council,	High	FCRM GiA, CC, NE

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							SSSI to favourable condition	SSSI condition	landowners		
					Amble Marsh Water Level Management Scheme	Medium to long term	Create saltwater UK BAP habitat. Enhance UK BAP habitats Support SSSI favourable condition	Area of flood plain grazing marsh. SSSI condition Area of coastal flood plain grazing marsh. Area of coastal saltmarsh.	CC, EA, NE, Parish Council, landowners	High	FCRM GiA, CC, NE
					FCRM Managed Realignment Scheme	Medium to long term	Manage risks to property and infrastructure. Enhance UK BAP habitats	Number of properties at high risk. Area of floodplain grazing marsh. SSSI condition Area of coastal floodplain grazing marsh. Area of coastal saltmarsh.	CC, EA, NE, Parish Council, landowners	Medium	FCRM GiA, NE,
35.10	Porthilly Cove	NAI	NAI	NAI							
35.11	Rock	HTL	MR	MR							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
35.12	Rock Dunes and Daymer Bay	NAI	NAI	NAI	Beach and dune monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure, and dune management options	Improved understanding of beach and dune behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes.	Area of BAP Habitat	PCO, CC, EA, Parish Council, landowners	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
36.1	Undefended cliffs	NAI	NAI	NAI							
36.2	Polzeath	HTL	MR	MR	LDF to identify CCMA	Short term	Manage spatial planning impacts of MR	CCMA identified in Core Strategy	CC Spatial Planners, EA, Parish Council	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,
					Wave Study and monitoring	Short term	Improved wave climate understanding		PCO, EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Managed Realignment Scheme	Medium to long term	and quantify risk to property and infrastructure Reduce risks to life, property and infrastructure.	Number of properties at high risk	CC, EA, Parish Council, landowners	High	FCRM GiA CC
36.3	New Polzeath	NAI	NAI	NAI							
36.4	Pentireglaze Haven	NAI	NAI	NAI							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
37.1	Undefended Cliffs	NAI	NAI	NAI							
37.2	Portquin	MR	MR	NAI	FCRM Scheme	Short to medium term	Reduce risks to life, property and infrastructure.	Number of properties at high risk.	Landowner, EA, CC	Low	Landowner, CC, FCRM GiA
37.3	Port Issac	HTL	HTL	HTL	FCRM Scheme	Short to long term	Reduce risks to life, property and infrastructure	Number of properties at high risk.	Landowners, EA, CC	Low	Landowners, FCRM GiA
					Condition and performance survey	Short term	Determine condition &	Improved understanding of	EA, CC, EH, Harbour	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					for east and west breakwaters		coast protection /flood defence role of breakwaters.	level of defence/protection afforded to the Port Issac frontage.	Authority		
37.4	Port Gaverne	MR	MR	NAI	FCRM Scheme	Short to medium term	Reduce risks to life, property and infrastructure	Number of properties at high risk.	National Trust, EA, CC	Low	Landowners, FCRM GiA
37.5	Tintagel	NAI	NAI	NAI							
37.6	Boscastle	HTL	HTL	HTL	FCRM Scheme	Medium to long term	Reduce risks to life and property.	Number of properties at high risk.	National Trust, EA, CC	Low	National Trust, FCRM GiA
					Condition and performance survey for east and west breakwaters	Short term	Determine condition & coast protection /flood defence role of breakwaters.	Improved understanding of level of defence/protection afforded to the Port Issac frontage.	EA, CC, EH, Harbour Authority	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
38.1	Undefended cliffs	NAI	NAI	NAI							
38.2	Crackington Haven	HTL	MR	MR	FCRM Scheme	Medium to long term	Reduce risks to life, property and infrastructure.	Number of properties at high risk.	CC, EA, Parish Council, landowners	Medium	CC, FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
39.1	Undefended cliffs	NAI	NAI	NAI							
39.2	Black Rock / south Widemouth	MR	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,
					Wave Study and monitoring (with PU39.3)	Short term	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes	Area of BAP Habitat	PCO, CC, EA, Parish Council, landowners	Medium	FCRM GiA
					Managed Realignment Scheme	Medium to long term	Reduce risks to life, property and infrastructure. Maintain and enhance sand dunes.	Number of properties at high risk. Area of BAP Habitat	CC, EA, Parish Council, landowners	Medium	FCRM GiA CC
39.3	North Widemouth	MR	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Parish Council, EA	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Parish Council	High	FCRM GiA,
					Wave Study and monitoring (with PU39.2)	Short term	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, CC	Medium	FCRM GiA
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes.	Area of BAP Habitat	PCO, CC, EA, Parish Council, landowners	Medium	FCRM GiA
					Managed Realignment Scheme	Medium to long term	Reduce risks to life, property and infrastructure. Maintain and enhance sand	Number of properties at high risk. Area of BAP Habitat	CC, EA, Parish Council, landowners	Medium	FCRM GiA CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							dunes.				

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
40.1	Undefended cliffs (including Northcott Mouth, Sandymouth and Duckpool)	NAI	NAI	NAI	Monitoring of impacts of car parking at Sandymouth and Duckpool	Short to medium term	Assess impacts on landscape & AONB	Understanding of impacts, assessment of alternatives	National Trust	Medium	Landowner
40.2	Bude Haven & Canal area	HTL	HTL	HTL	Bude Weir refurbishment Scheme	Short term	Maintain defence standard	Number of properties at high risk	PCO, CC, EA, Town Council	High	FCRM GiA,
					Bude Flood defence refurbishment	Short term	Maintain defence standard	Number of properties at high risk	PCO, CC, EA, Town Council	High	FCRM GiA,
					Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Town Council, EA	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion	Improved understanding of beach and	PCO, CC, EA, Town Council	High	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							pressure	defence behaviour			
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes.	Area of BAP Habitat	PCO, CC, EA, Town Council	Medium	FCRM GiA
					Wave Study and monitoring (with PU40.3 and PU40.4)	Short term	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, CC	Medium	FCRM GiA
					FCRM Scheme	Medium to long term	Reduce risks to life, property and infrastructure. Maintain and enhance sand dunes.	Number of properties at high risk. Area of BAP Habitat	CC, EA, Town Council, landowners	High	FCRM GiA CC
40.3	Summerleaze beach	MR	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Town Council, EA	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Town Council	High	FCRM GiA,
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes.	Area of BAP Habitat	PCO, CC, EA, Town Council	Medium	FCRM GiA
					Wave Study and monitoring (with PU40.2 and PU40.4)	Short term	Improved wave climate understanding and quantify risk to property		PCO, EA, CC	Medium	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							and infrastructure				
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to life, property and infrastructure. Maintain and enhance sand dunes.	Number of properties at high risk. Area of BAP Habitat	CC, EA, Town Council, landowners	High	FCRM GiA CC
40.4	Crooklets beach	MR	MR	NAI	Community adaptation strategy to climate change	Short to medium term	Improved community resilience and resistance to flooding	Adaptation strategy included in Settlement Strategy	CC, Town Council, EA	High	CC
					Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, CC, EA, Town Council	High	FCRM GiA,
					Beach Management Plan	Short to medium	Maintain amenity beach		PCO, CC, EA, Town Council	Low	FCRM GiA
					Wave Study and monitoring (with PU40.2 and PU40.4)	Short term	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, CC	Low	FCRM GiA
					FCRM Managed Realignment Scheme	Medium to long term	Reduce risks to life, property and infrastructure	Number of properties at high risk	CC, EA, Town Council, landowners	Low	FCRM GiA CC

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
41.1	Undefended cliffs	NAI	NAI	NAI							
41.2	Hartland Quay	NAI	NAI	NAI							

POLICY UNIT	EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
PDZ 18	Various	Various	Various	Wave Study and monitoring (notably on St Mary's for Porthcressa, Porth Hellick, Porthmellon and Harbour frontage, on St Agnes for Big Pool defences, and on Tresco for Island Hotel).	Short term. Wave buoys deployed during next 5 year phase of Strategic Monitoring Programme.	Improved wave climate understanding and quantify risk to property and infrastructure		PCO, EA, Council for IoS	High	FCRM GiA IoS
	Various	Various	Various	LDF to identify CCMA for St Marys	Short term. This planning should commence by 2015 in line with the strategy (see below).	Manage spatial planning impacts of MR and sea level rise	CCMA identified in Core Strategy Policy for community adaptation included in Core Strategy	IoS Spatial Planners, EA	High	IoS
	Various	Various	Various	Isles of Scilly FCRM Strategy	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Inform Spatial Planning of coastal pressure and defence options. Identify preferred scheme to manage flood and coastal risks to property and infrastructure.	Baseline evidence provided for LDF. Scale of MR understood. Impacts on infrastructure understood. Impacts on Ground water understood.	EA, Council for IoS, landowners, Duchy, NE, English Heritage	High	FCRM GiA, IoS

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
42.1	The Mermaid Wall	HTL	HTL	HTL							
42.2	The Quay	HTL	HTL	HTL							
42.3	The Quay to Custom House	HTL	HTL	MR	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Quantify magnitude of required managed realignment. Support resilience of critical infrastructure. Inform spatial planning.	Evidence base available for LDF. Evidence base for Sewerage Infrastructure improvements	PCO, IoS, EA, Duchy	High	FCRM GiA
					FCRM Scheme	Medium to long term	Mange risks to life, property and infrastructure.	Number of properties at risk. Critical infrastructure at risk.	PCO, IoS, EA, Duchy, landowners	High	FCRM GiA
42.4	Custom House to Carn Thomas	HTL	HTL	MR	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Quantify magnitude of required managed realignment. Support resilience of critical infrastructure. Inform spatial planning.	Evidence base available for LDF. Evidence base for Sewerage Infrastructure improvements	PCO, IoS, EA, Duchy	High	FCRM GiA
					FCRM Scheme	Medium to long term	Mange risks to life, property and	Number of properties at risk.	PCO, IoS, EA, Duchy, landowners	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
							infrastructure. Manage risks to Lower Moors water supply and SSSI. Where feasible, maintain sand dune	Critical infrastructure at risk.			
42.5	Porth Mellon	HTL	MR	MR	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA	High	FCRM GiA,
					Beach and Dune Management Plan	Short to medium	Maintain and enhance sand dunes.	Area of BAP Habitat	PCO, IoS, EA, Duchy	High	FCRM GiA
					Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium	Quantify magnitude of required managed realignment. Support resilience of critical infrastructure. Maintain sand dune. Inform spatial planning of implications for road and industrial estate.	Evidence base available for LDF. Evidence base for Waste Infrastructure improvement plans. Evidence base for water resource strategy.	PCO, IoS, EA, Duchy	High	FCRM GiA
					FCRM Managed Realignment	Medium to long term	Manage risks to life, property	Number of properties at	PCO, IoS, EA, Duchy	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
					Scheme		and infrastructure. Manage risks to Lower Moors water supply and SSSI. Where feasible, maintain sand dune	risk. Critical infrastructure at risk. Area of BAP habitat. Condition of SSSI.			
					Potential realignment of highway	Short/med term	Investigate potential options. Combine with overall adaptation strategy.	Highway realigned away from erosion and flood risk zone.	IoS C, EA, Duchy	Medium	IoS Council
42.6	Thomas Porth	NAI	NAI	NAI							
42.7	Porth Loo	NAI	MR	MR							
42.8	Taylor's Island to Innisidgen	NAI	NAI	NAI							
42.9	Innisidgen to Porth Hellick Point	NAI	NAI	NAI							
42.10	Porth Hellick	HTL	MR	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA	High	FCRM GiA,
					Beach Management Plan	Short to medium	Maintain beach as part of defence	Condition of beach	PCO, IoS, EA, Duchy	High	FCRM GiA
					Isles of Scilly FCRM Strategy – see PDZ 18	Short to Medium	Quantify magnitude of required	Evidence base available for	PCO, IoS, EA, Duchy	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						Initial strategy is urgently required and should be completed in next 5-10 years.	Managed realignment. Support resilience of water resource.	LDF. Evidence base for water resource strategy			
					FCRM Scheme	Medium to long term	Manage risks to life, property and infrastructure. Manage risks to water supply	Number of properties at risk. Critical infrastructure at risk.	PCO, IoS, EA, Duchy	High	FCRM GiA
42.11	Salakee Down	NAI	NAI	NAI							
42.12	Porth Minnick	HTL	MR	MR							
42.13	Tolman Point	NAI	NAI	NAI							
42.14	Tolman Point to Old Town Slip	NAI	NAI	NAI							
42.15	Old Town Slip to Old Church	HTL	MR	MR	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA	High	FCRM GiA,
					Beach Management Plan	Short to medium	Maintain beach as part of defence		PCO, IoS, EA, Duchy	High	FCRM GiA
					Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium	Quantify magnitude of required managed realignment. Support resilience of	Evidence base available for LDF. Evidence base for water resource	PCO, IoS, EA, Duchy	High	FCRM GiA
						Initial strategy is urgently required					

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						and should be completed in next 5-10 years.	critical infrastructure. Inform spatial planning of implications for road and water resources.	strategy			
					FCRM Managed Realignment Scheme	Medium to long term	Manage risks to life, property and infrastructure. Manage risks to Lower Moors water supply and SSSI.	Number of properties at risk. Critical infrastructure at risk. Area of BAP habitat. Condition of SSSI.	PCO, IoS, EA, Duchy	High	FCRM GiA
42.16	Old Church to Carn Leh	NAI	NAI	NAI							
42.17	Carn Leh to Playground	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA	High	FCRM GiA,
42.18	Playground to Slipway (Porthcressa)	HTL	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA	High	FCRM GiA,
42.19	Slipway to Little Carn	HTL	HTL (with localised MR)	MR	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should	Quantify magnitude of required managed realignment. Support resilience of critical	Evidence base available for LDF. Evidence base for Porthcressa Vision.	PCO, IoS, EA, Duchy	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						be completed in next 5-10 years.	infrastructure. Inform spatial planning.				
					FCRM Scheme	Medium to long term	Manage risks to life, property and infrastructure.	Number of properties at risk. Critical infrastructure at risk.	PCO, IoS, EA, Duchy,	High	FCRM GiA
42.20	Little Carn to Sally Port	HTL	HTL (with localised MR)	MR	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Quantify magnitude of required managed realignment. Support resilience of critical infrastructure. Inform spatial planning.	Evidence base available for LDF. Evidence base for Porthcressa Vision. Evidence base for sewerage improvement plans	PCO, IoS, EA, Duchy	High	FCRM GiA
					FCRM Scheme	Medium to long term	Manage risks to life, property and infrastructure.	Number of properties at risk. Critical infrastructure at risk.	PCO, IoS, EA, Duchy,	High	FCRM GiA
42.21	Sally Port to the Quay (The Garrison)	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and defence behaviour	PCO, IoS, EA, English Heritage	High	FCRM GiA, EH

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
43.1	Tean Sound	NAI	NAI	NAI							
43.2	St Martins Bay	NAI	NAI	NAI							
43.3	St Martin's Flats	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Low	FCRM GiA,
43.4	Middle Town	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Low	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
44.1	New Grimsby	HTL	HTL	HTL	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
44.2	Castle Down	NAI	NAI	NAI							
44.3	Island Hotel	HTL	HTL	MR							Land owner
44.4	Old Grimsby	NAI	NAI	NAI							
44.5	Rushy Point	NAI	NAI	NAI							
44.6	South Beach / Pentle Bay	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
44.7	Appletree Bay	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
44.8	Tresco Flats	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
45.1	Great Porth north	HTL	NAI (with localised HTL)	NAI (with localised HTL)	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
45.2	Stinking Porth	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
45.3	Gweal Hill	NAI	NAI	NAI							
45.4	Great Popplestones	HTL	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
					Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Quantify magnitude of required managed realignment. Support resilience of water resource.	Evidence base available for LDF. Evidence base for water resource strategy	PCO, IoS, EA, Duchy	High	FCRM GiA
45.5	Little Popplestones	NAI	NAI	NAI							
45.6	Popplestone Brow	NAI	NAI	NAI							

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
45.7	Popplestone Brow to Hangman Island	NAI	NAI	NAI							
45.8	Kitchen Porth	NAI	NAI	NAI							
45.9	Post Office to the Bar	NAI	NAI	NAI							
45.10	The Bar to the Quay	NAI	NAI	NAI							
45.11	Southward	NAI	NAI	NAI							
45.12	The Brow to Works Point	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,
45.13	Works Point to Great Carn	NAI	NAI	NAI	Beach and erosion monitoring and post storm damage surveys	Short to medium	Confirm magnitude of erosion pressure	Improved understanding of beach and general frontage behaviour	PCO, IoS, EA	Medium	FCRM GiA,

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
46.1	Tol Tuppens to Kittern Rock (Gugh)	NAI	NAI	NAI							
46.2	Kittern Rock to The Hoe (Gugh)	NAI	NAI	NAI							
46.3	The Hoe to the Bar (Gugh)	NAI	NAI	NAI							
46.4	The Bar	NAI	NAI	NAI							
46.5	The Bar to Tol Tuppens	NAI	NAI	NAI							
46.6	Kallimay Point to the Jetty	NAI	NAI	NAI							
46.7	The Jetty to the Bar	NAI	NAI	NAI							
46.8	The Bar to Tean Plat Point	NAI	NAI	NAI							
46.9	Tean Plat Point to Long Point	NAI	NAI	NAI							
46.10	Long Point to Pereglis slips	NAI	NAI	NAI							
46.11	Pereglis Slips to Ginamoney Carn	HTL	HTL	HTL	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be	Quantify magnitude of required managed realignment. Support resilience of water resource.	Evidence base available for LDF. Evidence base for water resource strategy	PCO, IoS, EA, Duchy	High	FCRM GiA

POLICY UNIT		EPOCH 1	EPOCH 2	EPOCH 3	ACTIONS	INDICATIVE TIMESCALE	OBJECTIVES	MONITORING INDICATORS	PARTNERS	PRIORITY	FUNDING
						completed in next 5-10 years.					
					HRA Action	Where works are to be undertaken along existing defence line at Big Pool within the Isles of Scilly, the surface materials should be similar to the existing materials in order to avoid any loss of intertidal rocky habitats, and should be designed so as to maintain any bird roosting features. <i>Prevents adverse effects to the Isles of Scilly SPA and Ramsar site</i>					
46.12	Ginamoney Carn to Browarth Point	HTL	HTL	HTL	Isles of Scilly FCRM Strategy – see PDZ 18	Short to medium Initial strategy is urgently required and should be completed in next 5-10 years.	Quantify magnitude of required managed realignment. Support resilience of water resource.	Evidence base available for LDF. Evidence base for water resource strategy	PCO, IoS, EA, Duchy	High	FCRM GiA
					HRA Action	Where works are to be undertaken along existing defence line at Big Pool within the Isles of Scilly, the surface materials should be similar to the existing materials in order to avoid any loss of intertidal rocky habitats, and should be designed so as to maintain any bird roosting features. <i>Prevents adverse effects to the Isles of Scilly SPA and Ramsar site</i>					
46.13	Browarth Point	NAI	NAI	NAI							
46.14	Browarth Point to Kallimay Point	NAI	NAI (with localised HTL)	NAI (with localised HTL)							

CFMP policy in relation to SMP2 policy

Table 6.2 presents a comparison between the SMP2 Preferred Plan and the CFMP policy where a specific action to implement the CFMP Policy option is published in the CFMPs for Tamar Catchment, East and West Cornwall and North Devon. This comparison shows that there are no conflicts between the CFMP implementation actions and SMP2 preferred plan, with many actions from the CFMP able to be fed into the SMP Action Plan in order to compliment and support the flood and coastal risk management actions at these locations.

TABLE 6.2 CFMP ACTIONS & POLICY IN RELATION TO SMP2 LOCATIONS

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
2.3	Seaton Beach	MR	MR	MR	P5	Investigate measures for reducing flood risk at Looe, Fowey, Polperro and Seaton, from tidal and surface water flooding.	Road realignment scheme
3.4	East and West Looe	HTL	HTL	HTL	P5	Investigate measures for reducing flood risk at Looe, from tidal and surface water flooding. We would expect planning policy to address climate change adaptation due to sea level rise, especially at Looe Investigate the possibility of installing a tide gauge at either Fowey or Looe for flood warning	Tidal FCRM strategy and scheme, with community adaptation to climate change. Wave monitoring.
3.8	Polperro	HTL	HTL	HTL	P5	Investigate measures for reducing flood risk at Polperro from tidal and surface water flooding.	Polperro flood defence scheme
4.3	Fowey	HTL	HTL	HTL	P5	Investigate measures for reducing flood risk at Fowey from tidal and surface water flooding. We would expect planning policy to address climate change adaptation due to sea level rise, especially at Fowey. Investigate the possibility of installing a tide gauge at either Fowey or Looe for flood warning	Fowey Flood Defence Scheme
5.4	Lostwithiel	HTL/MR	HTL/MR	HTL/MR	P4	Review options to reduce flood risk at	Lostwithiel Flood

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
						<p>Lostwithiel, including improving lead time for flood warning and improving the standard of protection of current defences. Undertake work to reduce risk if justified.</p> <p>We would expect planning policy to address climate change adaptation due to sea level rise, especially at Lostwithiel.</p>	Defence Scheme Flood plain WFD improvements
6.3	Par Sands	NAI	MR	MR	P5	<p>Flood Hazard Mapping of Par, St Blazey to improve emergency response information. Undertake a flood risk management strategy at Par and St Blazey to investigate opportunities to improve existing flood alleviation schemes. Surface Water Management Plans (SWMP) produced for Par and St Blazey.</p>	Par and St Blazey Flood Strategy to manage increasing flood risks, including joint fluvial, tidal and surface water flooding
8.4	Mevagissey	HTL/MR	HTL/MR	HTL	P5	<p>Surface Water Management Plans (SWMP) produced for Mevagissey.</p>	<p>FCRM (tidal and fluvial) Scheme Wave Study and monitoring. Community adaptation strategy to climate change. Condition survey for harbour breakwaters (particularly North Pier & Victoria Pier)</p>
12.3	Tresillian	HTL	HTL/MR	HTL/MR	P6	<p>Investigate the scope for wetland creation on the Tresillian River upstream of Ladock and Tresillian.</p>	<p>Managed Realignment Scheme Review SAC boundary to include all mudflat and saltmarsh habitats Community adaptation strategy to climate change</p>

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
12.4	Truro – Upper Basin	HTL/MR	HTL/MR	HTL/MR	P5	Review Truro flood alleviation scheme and implement measures required to sustain the current scale of flood risk into the future. Create community-based warnings for areas at risk of tidal flooding. Undertake a flood risk management strategy to investigate key opportunities for managed realignment in the Fal estuary and potential impacts on flood risk and habitat creation.	Lighterage Quay Improvements. Truro Strategy monitoring of habitat sedimentation monitoring
19.6	Marazion Marsh	HTL	HTL	HTL	P5	Investigate the creation of wetland areas at Marazion Marsh to enhance this SSSI/SPA site and reduce flood risk in the Green Lane area.	Marazion Marsh Habitat Strategy FCRM Scheme Beach and Dune Management Plan
25.4	St Ives Harbour	HTL	HTL	HTL	P4	Undertake Surface Water Management Plans for St Ives and Hayle. Within this, investigate retrofitting Sustainable Drainage Systems and using pumping stations to deal with tide-locking issues. Include proposals for implementation at St Ives and Hayle.	Community adaptation strategy to climate change. Condition and performance survey for harbour breakwater (Smeaton's Pier) FCRM Scheme; The Sloop, FCRM Scheme; Wharf Road FCRM Scheme; Pednolva (Lambeth) walk
27.3	St Erth	HTL/MR	HTL/MR	HTL/MR	P4	Review River Hayle flood alleviation scheme to sustain current standard of service. Undertake a flood risk management strategy for the Hayle River to consider how provision of upstream storage, wetland creation and setting back of defences could sustain flood risk.	FCRM Managed Realignment

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
27.4-27.6	Hayle area	Combination of HTL and MR			P4	Undertake Surface Water Management Plan for Hayle. Within this investigate retrofitting Sustainable Drainage Systems and using pumping stations to deal with tide-locking issues. Include proposals for implementation at Hayle.	FCRM Scheme, FCRM Managed Realignment
29.3	Portreath Harbour	HTL	HTL/MR	HTL/MR	P5	Undertake feasibility studies at Portreath for options to reduce flood risk. Implement recommendations. Create specific flood warning service on the Redruth Stream/Portreath Stream for Portreath. Create a Major Incident Plan (MIP) for Portreath	LDF to identify CCMA (includes PU29.2), Condition and performance survey for harbour breakwater, Beach monitoring and post storm damage surveys, FCRM Scheme, Wave Study and monitoring (includes PU29.2)
30.3	Perranporth	HTL	MR	MR	P5	Review flood warning criteria for MIP at Perranporth.	Community adaptation strategy to climate change, Strategic Flood Risk Assessment to consider wave induced flooding, Beach monitoring and post storm damage surveys, Wave Study and monitoring, FCRM Bolingey Fluvial Scheme, FCRM Managed realignment Scheme.
33.3	Mawgan	MR	MR	NAI	P3	Continue to maintain existing defences at	LDF to identify CCMA,

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
	Porth – road section					Mawgan Porth	Beach and dune monitoring and post storm damage surveys, Beach Management Plan (with 33.4), Wave Study and monitoring, FCRM Managed Realignment Scheme
35.2	Padstow Harbour	HTL	HTL	HTL	P5	Undertake and implement Surface Water Management Plans for Padstow.	FCRM Scheme, Community adaptation strategy to climate change
35.5	Wadebridge	HTL	HTL	HTL	P5	Ensure PPS25 implemented for development and in particular at Wadebridge. Undertake and implement Surface Water Management Plans for Wadebridge. Investigate the current management of flood risk at Wadebridge.	Community adaptation strategy to climate change FCRM Scheme
35.8	Sladesbridge	HTL	MR	MR	P5	Investigate the current management of flood risk on the rivers Allen and Camel at Sladesbridge.	FCRM Managed Realignment Scheme
37.6	Boscastle	HTL	HTL	HTL	P4	Sustain the current flood risk at Boscastle into the future	FCRM Scheme Condition and performance survey for east and west breakwaters
40.2	Bude Haven & Canal area	HTL	HTL	HTL	P5	Review existing flood risk in Bude and undertake work to reduce risk if justified. Review current facility for recording tide levels at Bude and improve if required. Create community-based warnings for areas at	Bude Weir refurbishment scheme, Bude Flood defence refurbishment, Community adaptation

SMP2 Preferred Plan					CFMP Policy Action	CFMP proposed action to implement the policy	SMP2 Action Plan Inclusions
						risk of tidal flooding. Review and improve flood warnings on the Neet and Strat if feasible.	strategy to climate change, Beach and erosion monitoring and post storm damage surveys, Beach and Dune Management Plan, Wave Study and monitoring (with PU40.3 and PU40.4), FCRM Scheme