

Ref.	Priority	Progress	Action	Why is this needed?	What will success look like?	Lead Officer	Critical Support	Start Date	Target Completion Date	2020/21 Resource £	2021/22 Resource £	Comments + Outcomes Actually Delivered?
Coastal Research & Monitoring										£44,406	£28,500	Notes
Research Chair	High	On Target	To oversee and co-ordinate SCOPAC research	To co-ordinate the SCOPAC 5 year research programme and ensure SCOPAC have the ability to assess and investigate research issues of relevance to the region	Research delivered to time and cost. Best value for money realised (i.e. contributions to national research).	Sam Cope	RSG	Ongoing	Ongoing	£8,500	£8,500	£5000 from SCOPAC subscriptions, £3,500 from Levy bid. RSG held 24th April 2020. Research leads presented on remaining live projects from 2015 – 2020 research programme. The group discussed new projects starting in 2020/21 from the new 2020 – 2025 research programme, focusing on any impacts from lock down measures. There will be a delay to the acoustic tag work starting as well as scanning old paper copies of the Bibliographic Database.
	Medium	On Target	Grants and bursaries	To award a Bradbury bursary every year to support a masters student	Good research findings of benefit to SCOPAC	Sam Cope	Ivan Haigh	Ongoing	Ongoing	£500	£500	2019/20 bursary awarded to Xue Ting, Ong (Glady). ECE Master's thesis title: 'Hydrodynamics controls on nearshore sediment sizes in Poole Bay'. Gladys's thesis is now on the SCOPAC website (https://scopac.org.uk/research/bradburys-bursary/) and a presentation of results will be given at a future meeting. New applications to be assessed in May 2020.
	Medium	On Target	Improved utilisation of data x2 projects 2020-2022: Sand dune project (BCP); Remote sensing project (CCO)	To make best use of regional monitoring data and other data available to SCOPAC officers	Increased understanding of coastal processes demonstrating importance of regional monitoring programme data	Charlie Thomson and Alan Frampton	RSG	May-20	Mar-22	£2,000	£0	Two projects awarded for 2020/21 and 2021/22 funds: 1. Sand Dune Study (Alan Frampton/Matt Wadey) - To undertake a review of development of the sand dunes at the Sandbanks Coastal Protection scheme since 1995 to quantify exactly how they have established and evolved since this period. Findings will inform coastal protection through sand bank management for other sites across the SCOPAC region. 2. Remote Sensing study (Charlie Thomson) - To assess whether remote sensing data are of sufficient resolution to allow calculation of beach volume or morphology to sufficient certainty that they be used in conjunction with CCO monitoring data to allow higher temporal resolution beach volume calculations.
Major Projects	Medium	On Target	CIRIA Groynes in Coastal Management Manual	To share best practice on Groyne Design, Construction and Management. Peter Ferguson representing SCOPAC on board.	A comprehensive update incorporating Andy Bradbury's SCOPAC work	Peter Ferguson	Sam Cope	Ongoing	Mar-21	£1,500	£0	Ongoing. A fourth draft of the report has been reviewed by Peter Ferguson on behalf of SCG/SCOPAC.
	High	On Target	SCOPAC Storm Analysis	To investigate the recent stormy winters and put into context with longer datasets - analyse tide gauge and wave buoy data.	Analysis, report and infographics to be delivered.	Matt Wadey	Sam Cope	Aug-18	Mar-21	£9,935	£0	This project has moved with Matt Wadey to BCP and will continue to be delivered by the original consortium of University of Southampton with support from ESCR. The project has made good progress with detailed analysis of wave and water levels across the SCOPAC region. A draft report is being prepared along with key findings to be presented as an infographic and presentation. This research will continue into 2020/21. 05/03/20 - MW - Project is at report writing stage, with infographic to also produce.
	High	Early Warning	Bibliographic database scanning	To scan valuable papers and documents held at the University of Portsmouth from previous updates of the SCOPAC BD and STS.	To 'scan' as many of the valuable paper copies of historical coastal management papers and documents before they are discarded.	Sam Cope to report	David Carter/Malcolm Bray	Aug-20	Mar-23	£5,000	£3,000	Delay starting due to COVID-19.
	Low	On Target	SURGEWATCH contribution	To ensure website is maintained and members and officers are updated annually	Fully functional, up to date website with an update to the group from Dr Ivan Haigh	Sam Cope to report	Ivan Haigh	Ongoing	Ongoing	£500	£500	Dr Ivan Haigh provided a presentation to SCOPAC in January 2019 which has been uploaded onto the SCOPAC website https://scopac.org.uk/research/surgewatch/ .
	High	On Target	Protecting Heritage	There are a significant number of designated heritage assets within the SCOPAC region that have historically benefited from flood and erosion protection or themselves directly perform a coastal defence function. Many of these nationally significant assets are at direct risk of flooding and erosion, with potential for loss or damage to irreplaceable Scheduled Ancient Monuments, listed buildings / structures and conservation areas. As far as protection of heritage assets is concerned, SMPs are aspirational as there is no appropriate funding mechanism specific to protecting heritage assets or responding to the increased costs associated with works to / adjacent to them.	The project primarily aims to raise the profile of this issue, particularly the apparent lack of funding and/or strategy to deal with the problem. The scope of the project is to identify heritage assets at risk of flooding/erosion in the region, as well as the possible funding sources. The project is engaged in communicating this issue to the coastal engineering and flood management community, as well as politicians and other decision-makers. A series of case studies will be investigated to draw out site specific issues and lessons learned.	Gavin Holder	TBC	Aug-21	Ongoing	£0	£12,000	Will be applying for local levy funding.
Minor projects	Low	On Target	2018 - 2020 Minor Projects - x3	A contribution towards three wider research projects.	Three individual projects delivered by March 2021, meeting project scope.	Sam Cope to report	Alex Hillawi, Ivan Haigh, Jo Brooksbank	Apr-18	Mar-21	£4,471	£0	Three projects are ongoing: 1. Poole Harbour tide gauge digitising (Ivan Haigh) - Good progress made. Assessing outputs for any recording error. Draft report has been submitted with final report being finalised. 2. Langstone Harbour tracer study (Alex Hillawi) - Tracers pebbles were deployed in April 2019 and still have a 20% retrieval rate for larger pebbles. The tracers are generally following the SCOPAC STS suggested direction of transport, although the location of the drift divide at Eastney looks to have moved to the east. There is currently no evidence of material moving from Eastney Beach around Fort Cumberland towards the Spit. Surveys will continue following lockdown, with a write up of results to follow. 3. Healthy Estuaries 2020 (Jo Brooksbank) - Review of historical and current evidence and data on habitat and estuary morphology for Chichester Harbour which is being used to help further refine and validate the Healthy Estuary Modelling Tool. Draft report has been submitted with final report being finalised. A presentation of results will follow in 2020/21.
	Medium	On Target	Ebb delta scoping study - Phase 1	One of the biggest unknowns resulting from the Update of the SCOPAC STS is the sediment budget at harbour and estuary mouths. There are often difficulties quantifying the sediment budget at these locations given the diverse wave approach across ebb deltas and possible sediment drift divide on the adjacent beaches.	Phase 1 will collate all existing bathy, lidar and aerial photography for the ebb deltas across the SCOPAC region into a GIS and produce a scoping study outlining any data gaps for undertaking a sediment budget. Findings will inform bathy data collection for the next phase of the Regional Monitoring Programme. The scoping study will also collate any existing analysis (i.e. BCP numerical model) to identify best methods for undertaking analysis in Phase 2.	Sam Cope to report	Sacha Neill/Matt Wadey	Aug-20	Mar-21	£4,000	£0	Due to start
	Low	On Target	Cathodic Protection	If steel sheet piles are to continue to be the preferred way of managing coastal flood risk in these areas into the longer-term, then there is a need to understand how the scheme design life of these assets can be extended beyond current day levels using cathodic protection so as to maximise investments.	The output from this study will be a "good practice" user-guide summary based on the literature review to advise on the most appropriate approaches for cathodic protection. It will also identify current gaps in knowledge where further research would be helpful.	Alan Frampton	RSG	Sacha	Mar-21	£4,000	£0	Due to start
	Low	Early Warning	Acoustic tags	To better understand the interaction between the nearshore zone and adjacent beaches.	The aim of this proposal is to create a novel acoustic tagging method to allow for direct measurement of the movement of subsea sediment within the nearshore zone. If successful, this technique could be applied to provide certainty on movement between the nearshore zone and adjacent beaches for Beach Management Plans.	Sam Cope to report	Sacha Neill	Aug-20	Aug-21	£4,000	£0	Delay starting due to COVID-19.
	Medium	Early Warning	West Bay sediment transport study	Maintenance activities at West Bay, Dorset, currently involve periodic beach recycling at both West Beach and East Beach, as well as annual dredging of sediment from the outer West Bay Harbour (which is deposited on West Beach). These activities are guided by beach management plans for each site, both of which are in the process of being updated to reflect changes to the coastal defences as a result of the 2019 West Bay Coastal Improvements Scheme.	The output from this study will be an improved understanding of sediment transport pathways along the West Bay shoreline to inform future sediment recycling operations using tracer pebble techniques.	Alan Frampton	Sacha Neill	Jul-21	Jul-22	£0	£4,000	Due to start 2021/22. Could be a knock on impact from COVID-19.

Supporting Delivery, Influencing Policy and Sharing Good Practice										£42,500	£35,500		
SMP		High	On Target	Update SMP Action Plans	Out of date action plans and lack of clarity over progress of implementation. Recent update in 2019 so important to keep momentum	Up to date and accurate SMP actions plans to guide the delivery of FCERM for SCG.	Amy Stevens	Sub Group Mark Stratton Alan Frampton	Oct-20	Apr-21	£2,500	£2,500	Funded through local levy.
SMP		High	On Target	SMP Light touch review - Keep abreast of any national updates on process and attend national meetings / workshops. Feedback to SCG.	Required by National guidance.	Robust evidence base for coastal policy and FCERM implementation	Sam Box / Mark Stratton	Sub Group Neil Watson Jenny Jakeways Sam Box Alan Frampton	Ongoing	Ongoing	£5,000	£5,000	Funded through Local Levy -
Capital Investment Programme		Medium	On Target	Implementation of SCG Programme Management Mapping Tool	Coordinate SCG MTP Programme to look for project efficiencies and identify collaboration opportunities. In funding this item the RFCCs will support the SCG in its quest for efficiency's across the region. The SCG mapping will identify projects at the same stage of development and which utilise the same materials for construction to identify procurement and delivery efficiency's. A co-ordinated SCG programme of projects will then be fed into the regional programme in the most efficient manner and ensure a strong pipeline of future projects.	Project savings and efficiencies and improved oversight of programme in SCG region.	Amy Stevens	Matt Wadley Sam Box	Bi annual updates - 1st to follow mto refresh process. I.e June/ July time	Ongoing	£2,000	£2,000	Funded through local levy.
Asset Management/Maintenance Programme - Sharing Experience		Medium	On Target	Sharing Asset Management best practice across the SCG Region	Ensure consistent approach to asset management, inspection and maintenance. To provide a regional picture of asset condition and demand across SCG. Enable LA RMA's have access to knowledge and information pertaining to coastal Asset Management best practice through the SCG, and supporting frameworks. Understand the condition of all SCG coastal assets EA, LA and 3rd party.	Co-ordinated programme across SCG with implementation of best practice and knowledge sharing. Shape asset information standards to enable an LA / SCG Coastal Asset Register facilitated under the umbrella of the SE Regional Monitoring Programme Phase V. Support EA R&D TAG Asset Group research themes and proposals.	Andrew Pearce	Steve Woolard Domic Henley	Apr-20	Apr-21	£2,000	£2,000	Funded through local levy. Potential LA meeting in Q3 2020/21 to support roll out of SCG Asset Register under the regional monitoring programme from 2021/22.
Efficiencies		Medium	On Target	National Efficiency target delivery.	To keep abreast of latest guidance to ensure efficiency targets are met across SCG Encourages all delivery bodies to have access to the appropriate skills and will support building skills through training and encourage resolving skill gaps through shared service delivery. In funding this item the RFCC's will help the SCG to keep abreast of efficiency guidance and latest best practice to ensure regional targets are met.	Co-ordinating and collating lessons learnt across RMA's in the SCG and Disseminating examples of best practice to the group. Knowledge sharing and strong efficiency returns	TBC	Neil Watson Ian Walker Nick Gray Mark Stratton	Apr-20	Apr-21	£1,000	£1,000	Funded through local levy. Need to seek a volunteer to lead and come up with some suggestions.
Place & Partnership Funding		High	On Target	Ensure place shaping and place making is central to FCERM process. Keep Abreast of National guidance and input into PF process where required on behalf of coastal group. SCG workshops/seminar and training session.	To ensure Place is central to FCERM and influence national policy on the approach. To understand the latest funding guidance and its practical implementation for all SCG officers. In funding this item the RFCCs will support the SCG and its constituent RMA's in their understanding of PF rules and their implementation and ensure all the RMA's involved are equipped to maximise partnership funding contributions. This will be achieved through a SCG workshop/seminar and training session. The SCG will also feed into consultations and best practice on funding and partnerships as part of this activity.	Information sharing with officers Fairer funding system for multi benefit coastal schemes Feeding in to consultations Understanding of new PF rules and their application Clear understanding of PF rules by coastal group officers and contributions secured for FCERM projects.	Mark Stratton	EA Consultant Training AECOM?	Apr-20	Apr-21	£2,500	£2,500	Funded through local levy.
Coastal Adaptation		High	On Target	Work to move forward the thinking on Coastal Adaptation. Not limited to coastal erosion but lobby for changing approaches to policy, community thinking on long term coastal management, and the lobbying for change to the FCERMAG process to include adaptation as an option. Lobbying for changes to PF approach to ensure adequate funding.	In the face of longer term SLR there is a need to challenge the status quo or approach to FCERM. Ensure up to date policy and funding for the changes which are coming. New FCERM strategy acknowledges adaptation is going to be crucial for the future of coastal management.	Clearer national policy on adaptation. Improved FCERM-AG approach to FCERM Additional funding to LA's to fund adaptation - short and long term. Support to national groups such as the LGA coastal SIG on this topic	Alan Frampton, Sam Box	SCG	Apr-20	Apr-21	£2,500	£2,500	Funded through local levy. Leads to be agreed by coastal group. Budget to be agreed as at present no allocation.
Coastal Landfill		High	On Target	Support or lead initiatives related to former landfill at the coast. Lobby for change to national policy and funding approaches.	Significant former landfill at risk of flooding and erosion. Previous SCOPAC research contended. Need to clearer policy and funding.	Additional funding and policy on landfill at the coast.	Neil Watson, Sam Cope, Mark Stratton.	SCG	Apr-20	Apr-21	£2,500	£2,500	Funded through local levy. Leads to be agreed by coastal group. Budget to be agreed as at present no allocation.
Procurement		Medium	On Target	Maintain professional services and minor works framework on behalf of SCG. Hold potential workshop with LA's and suppliers. Delivery of capital and maintenance programmes of work. Maintain professional services and minor works framework on behalf of SCG. Hold workshops with LA's and suppliers. This will be achieved through a SCG workshops/seminars and training sessions alongside SCG officer access to guidance and support from the coastal group.	Ensure good use of frameworks and keep suppliers engaged to ensure cost effective delivery of FCERM. In supporting this item the RFCC's will support the SCG in its capital and maintenance programmes of work by ensuring the existing minor works and professional services frameworks are understood, used effectively and maintained. This will be achieved through a SCG workshop/seminars and training sessions alongside SCG officer access to guidance and support from the coastal group.	Well used and well understood framework. Framework templates. Decision on how frameworks evolve. New Minor Works Framework from September 2021. Revamp of existing Professional Services Framework from Summer 2020.	Andrew Pearce	Marc Bryn	Apr-20	Apr-21	£17,000	£10,000	Funded through local levy. 17k includes 10k budget this year including 7k carry forward.
Environment & RHCP		High	On Target	Regional Habitat Compensation Programme progress monitoring, implementation and communication. Having helped the SCG understand its role in the delivery of the regional habitat compensation programme in 2019/20, this funding will help to identify and engage with potential partners and funding sources in order to take forward RHCP actions and wider environmental enhancements. This will be achieved by obtaining advice from a financial consultant experienced in green finance approaches to explore possible innovative funding mechanisms for habitat creation schemes. This will include undertaking a benefits mapping exercise for the SSD RHCP, linking the habitat creation terminology with economic/finance terminology to help us progress joined up conversations with relevant institutions/organisations, building links and learning from the experiences of other coastal partnerships, the EA and RMA's, as well as considering the best way to take forward the recommendations of the RHCP Tactical funding note. Progress will be reported as part of a future SCG meeting.	To ensure SCG members are kept up to date in understanding the programme and deliverables to ensure all members' commitments are met. This is a priority for the SCG region in light of the RHCP targets, which need to be met to ensure legal compliance of the Shoreline Management Plans. The RHCP Tactical work has identified that a key blocker to developing and implementing sustainable innovative funding models for achieving wider outcomes and additional benefits within habitat creation schemes is a lack of upfront resource and enabling (pump priming) funds to develop studies, market testing and business model development.	SCG RHCP webpage is up-to-date with latest progress and live habitat balance sheet. A benefits mapping exercise will have been completed and shared with the SCG, together with advice on communicating habitat creation and wider environmental enhancements in suitable economic/finance terminology to help progress conversations with relevant potential funding partners. Longer term, this action will ensure that RHCP schemes are the best they can be and deliver additional benefits and broader outcomes for communities, and not just the legal minimum requirement for habitat compensation.	Nick Gray Hilary Crane	Gavin Holder Lucy Sheffield	Apr-20	Apr-22	£3,000	£3,000	Funded through local levy. Priority for region for compensation for HTL schemes identified in SMP. Legal requirement. To be delivered jointly with Environmental Enhancements action below to achieve maximum return for the funding. We welcome any inputs/knowledge sharing from other members of the SCG to contribute to this action.
		Medium	On Target	Enhancements - Having helped the SCG understand its role in the delivery of environmental enhancements and biodiversity net gain in 2019/20, this funding will help to identify and engage with potential partners and funding sources in order to take forward wider environmental enhancements. This will be achieved by obtaining advice from a financial consultant experienced in green finance approaches to explore possible innovative funding mechanisms for FCERM schemes. This will include linking environmental enhancements and natural capital terminology with economic/finance terminology to help us progress joined up conversations with relevant potential funding institutions/organisations and building links and learning from the experiences of other coastal partnerships, the EA and RMA's.	There are national policy drivers for broader outcomes and Biodiversity Net Gain is likely to become a requirement for all FCERM schemes once the Environment Bill progresses through parliament, but there is currently a gap in funding for delivering these additional benefits.	A benefits mapping exercise will have been completed and shared with the SCG, together with advice on communicating habitat creation and wider environmental enhancements in suitable economic/finance terminology to help progress conversations with relevant potential funding partners. Longer term, this action will ensure that all FCERM schemes are the best they can be, delivering broader outcomes and wider enhancements for communities and not just the minimum requirements for flood protection.	Lucy Sheffield	Hilary Crane Gavin Holder	Apr-20	Apr-22	£2,000	£2,000	Defra agenda to push for more Environmental Enhancements in FCERM schemes. Funded through local levy. To be delivered jointly with the RHCP action above to achieve maximum return for the funding. We welcome any inputs/knowledge sharing from other members of the SCG to contribute to this action.
Consultations		High	On Target	Feed in to national consultations on behalf of SCG Attend national FCERM based workshops on key emerging themes and topics, i.e form strategy, environment, NFM, economics etc etc	To ensure draft policies take account of coastal groups needs and views In funding this item the RFCC will support the SCG in its ability to feed into national strategy and policy consultations in relation to FCERM and the Natural Environment. This will ensure the collective voice of RMA's is fed in to represent tactical views.	SCG Represented in national consultations Shared attendance at key events and sharing learning.	Mark Stratton Various others	SCG	Ongoing	Ongoing	£500	£500	Funded through local levy.

Leadership & Management											£10,500	£10,500	
Leadership	High	On Target	Attend Coastal Chairs / National Flood Forums	To feed into national oversight and policy	SCG views represented and shared nationally with feedback to the group.	Lyall Cairns	Matt Hosey / Neil Watson	as required	as required	£2,500	£2,500	Normally reclaimed through EA national	
	High	On Target	Tactical Leadership In funding this item the RFCC will support the ability of the SCG chairs or deputies to attend RFCC meetings and feedback and report on the progress of the SCG and SCOPAC action plan, outcomes and any FCERM related matters of relevance., thereby strengthening the links of the Coastal Groups with the RFCCs.	Oversight, Challenge, action plan oversight and development, implementation	Leadership of SCG	Lyall Cairns	Neil Watson Matt Hosey	as required	as required	£5,000	£5,000	Funded through local levy.	
	High	On Target	Attend Officer working group on behalf of SCG and feedback to SCG 3 OWG meetings per year + potential for further RFCC sub and main meetings.	To keep coastal group informed of RFCC business and support Levy bids across the group. Then feedback to the coastal group on the levy and GIA programme and feedback on efficiency reporting and actions required.	Successful implementation of the capital programme and local levy programme.	Matt Hosey / Mark Stratton	Jenny Jakeways Various	as required	as required	£3,000	£3,000	Funded through local levy.	
Communications											£9,000	£7,500	
Communications	High	On Target	Website Management, hosting and support.	Up to date info available for SCG members and the public to give access to FCERM information and coastal research in the region.	Well maintained and modern websites	Sam Cope	Vivid Websites	Ongoing	Ongoing	£4,500	£3,000	Funded through local levy. £4,500 in 2020/21 reflects extra work on websites following merging of groups	
	High	On Target	Marketing and Promotion	To ensure the profile of the SCG remains visible and to keep members and officers abreast of the benefits	Well know coastal group with ongoing subscriptions. Value of SCOPAC and SCG communicated to members. SCG annual report and general marketing and promotion	Jane Ryan	Various -	as required	as required	£1,500	£1,500	This budget would have counted towards planning and accommodating a future conference in November 2020 however this will probably be reorganised in 2021. Instead this budget will be used to accommodate the marketing and future communication requirements around the merger of SCG and SCOPAC.	
Education	Medium	On Target	Review / update members induction pack	Brief new members to the group	Informed political members, bought in to SCG and its objectives.	Lyall Cairns	TBC	TBC	TBC	£0	£0	No budget.	
	High	Early Warning	Annual Site Visit	Knowledge sharing and member engagement to communicate the benefit of SCG and SCOPAC.	Well attended and well run informative site visit	IOW??	TBC	Sep-20	Sep-20	£1,500	£1,500	Who is leading this year? Jenny Jakeways? Budget of £1.5k in SCOPAC 2020/21 accounts	
	Medium	Early Warning	Annual Workshops or seminars for officers	Knowledge sharing and building resilience across SCG officers	Storm Research Economics & Funding Beach Management and Coastal Process Environment Workshop	Dependant on theme lead	Dependant on topic theme lead	TBC	TBC	£0	£0	Wrapped up in above items so not required this year.	
	High	Early Warning	Annual SCOPAC/SCG conference	Knowledge sharing and member engagement to communicate latest science, research and policy.	Well attended and well run informative conference Opportunity to invite consultants/contractors to sponsor event.	Jane Ryan	Dependant on topic theme lead	TBC	TBC	£1,500	£1,500	Conference originally planned for Nov 2020 this will be pushed forward to 2021.	
Administration											£8,000	£8,000	
Administration	High	On Target	Secretariat	Hosting of SCG	Hosting of SCG	HBC	HBC	Ongoing	Ongoing	£4,000	£4,000	Lorraine seth updated figures. Now 4k not 9.6	
	High	On Target	Accountancy	Hosting of finances and accountancy	Hosting of finances and accountancy	Lorraine Horsted	HBC	Ongoing	Ongoing	£2,500	£2,500	Lorraine seth updated figures. Now 2.5 not 2.1	
	High	On Target	Insurance	Adequately insured coastal group	Adequately insured coastal group	Zurich	N/A	as required	as required	£1,500	£1,500	Lorraine seth updated figures. Now 1.5k not 1.4k	

TOTAL	£114,406	£90,000
--------------	-----------------	----------------

High Priority	£89,435	£68,000
Medium Priority	£32,000	£21,500
Low Priority	£12,971	£500

Items funded through local Levy - includes 3500 for SCOPAC Research Chair	£58,500	£43,000
---	----------------	----------------