

Solent Nature Recovery Scoping

02/05/23

Scope Solent marine and coastal recovery (linking with LNRS Responsible Authorities – West Sussex County Council, Hampshire County Council and Isle of Wight Council)

Background

Requirement for a Project list, coordination of data, timing, LNRS objectives. This scoping document has been shared to help fulfil this. It is hoped that the bordering terrestrial/intertidal plans being taken forward by Responsible Authorities will be able to refer to this same data. Important that the resultant data can be easily expressed in map form where possible. Marine environment may have more strategic characteristics.

A Partner group including Responsible Authorities for LNRSs in Hampshire, Isle of Wight and West Sussex, Natural England, MMO, Blue Marine Foundation, Chichester Harbour Authority and Environment Agency formed to monitor progress of Solent Marine Recovery and how it links with LNRSs.

This work has been shared with Hampshire and Isle of Wight Local Nature Partnership.

Press Release December 2022

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Solent Forum is working with partners to help scope the strategic direction of Solent marine and coastal nature recovery, and how this can work alongside Local Nature Recovery Strategies (LNRS) being prepared by responsible authorities (local authorities) and others in the Solent.

LNRS are an important part of an ambitious package of measures being introduced by the Environment Act 2021 to reverse nature's decline. They are spatial strategies that establish the priorities and map proposals for specific actions, which will then lead to nature recovery and wider environmental benefits. The Strategies are tools to help us work together effectively and enable collective effort to focus where there's most benefit. See links for full details about [Local Nature Recovery Strategies](#) and the [Nature Recovery Network](#) they will help form.

LNRS cover habitats to mean low water, and this scoping work will look at the marine and intertidal space to compliment them. The work will involve preparing a list of potential data layers, drivers, and partners. A report will be made to Hampshire and Isle of Wight Local Nature Partnership early in the new year, and it is anticipated that it be taken forward in conjunction with the Solent Seascape Project.

Questionnaire of topics

Please indicate any work impacting the Solent to restore/recover habitats

Categorise projects by colour? A) Parent Initiative b) restoration c?) Research etc

Name and contact	What	Where	Mappable	When
Primary layers				
<u>REACH (Restoring Estuarine and Coastal Habitats)</u> ReMeMaRe (Restoring [seagrass] Meadows, [salt] Marsh and [oyster]	Seagrass, saltmarsh, oyster, saline lagoon, sand dune, kelp, maritime cliffs, vegetated shingle potential	Solent and England	yes	Current maps

Reef). Prioritisation exercise includes some natural capital work Habitat restoration potential prioritisation maps, which included some analysis of natural capital/ecosystem service data.	EA (JM), NE (JT) and MMO refined this so they reflect the most likely to happen/beneficial sites. includes saltmarsh, seagrass, oysters, kelp, saline lagoon, maritime cliff, veg shingle, sand dune habitats			Waiting on maps
Blue Marine report on integrated restoration on the south coast	Seagrass, saltmarsh, kelp, oysters etc	South Coast	No	Report and stakeholder consensus
Blue Marine – Solent Seascapes Project Louise MacCallum and Jenny Murray (lead on Nature Recovery Plan)	Nature Recovery Plan – mapping restoration opportunities may begin early 2023 and take 6 months	Solent	Yes	2022-2026
3Cs project -Inventory of Seascape Restoration projects Solent and Sussex Bay (part of wider NERC project which looks at setting up a Solent and Sussex Bay Restoration Network) Solent Forum - Solent to Sussex Bay Seascape Restoration Inventory	Project will detail all coastal and marine projects (including planned) and research	Solent and Sussex Bay	yes	Complete April 2023
EA/Coastal Partners Regional Habitat Creation Programme Habitat Compensation & Restoration Programme Hilary Crane	Habitat creation opportunities over three epochs to offset coastal squeeze. Mudflat, coastal grazing marsh and saltmarsh	Solent and further	yes	Current
Sussex Kelp Restoration Project Sussex Wildlife Trust and Sussex IFCA	Kelp	West Sussex to Brighton	yes	current
Hampshire LNRS Nature Recovery Mapping – Nicky Court				
Isle of Wight LNRS Mapping – James Brewer				
Sussex LNRS Mapping – Kate Rice and Julie Middleton	Ask them how they approached mapping (SMACF)			
Intertidal SSSI areas in unfavourable condition SAC areas in unfavourable condition				

Natural England				
Solent Seagrass Restoration	Seagrass	Solent	yes	current
HIWWT Tim Ferrero				
ReMEDIES Project Natural England	Seagrass	Solent	yes	current
Chichester Harbour Coastal Grazing Marsh	Coastal Grazing Marsh	Chi Harbour	yes	current
Life on the Edge	RSPB. Habitats for terns and shorebirds	Chi Harbour	yes	current
Return of the Tern		Langstone to Medmerry		
East Head Dune and Shingle restoration	Dune and shingle	East head		
Secondary layers				
North Solent and IOW Shoreline Management Plans. Also Flood risk management strategies 1. Hurst to Lymington strategy	Managed retreat mudflat saltmarsh	Hurst to Lymington	yes	Current maps
Beneficial Use of Dredgings in the Solent	Opportunities for BUDS	Solent	yes	Current
Colin Scott ABPmer				
Green Halo				
New Forest NPA				
Greenprint Karolina Zarzyczny (Uni of Soton)	Framework for green recovery. PforSH. Uni of Soton, NFNPA, Uni of Portsmouth and Southern Policy Centre Key theme is World class blue/green environment – sub themes 1. Land restoration and protection. 2. Water restoration and protection	All PUSH but pilots currently PCC and EBC	yes	
CHaPron CHC	Mudflat, saltmarsh, oysters, seagrass, birds	Sussex,hants,IOW	yes	current
Southern and Sussex IFCA	Oyster/shellfish ESS Maps	Sussex,hants,IOW	yes	current
Harbour Summit				
Southern Water				
Revised Nature Recovery Strategy – by LPA		Eastleigh Borough Council		

		Chichester Harbour Conservancy		
		Any others? Havant,		
Brent Goose Strategy HIWWT				
Other bird strategies				
Solent Oyster Restoration				
Blue Marine Foundation				
ABPmer - ID coastal habitat restoration projects that The Crown Estate could support	Overlap with, or lie alongside, TCE landholdings	England, Wales and N Ireland	Yes?	Current
Chichester Harbour Sea Wall Strategy – Kate Bull		Chi Harbour	Yes?	Current
Drivers/Other				
Green Finance opportunities				
Nutrient neutrality				
Mandatory BNG and MNG principles for development				
FCREM non-mandatory BNG, and Carbon Offsetting	Pilot (in development)	Solent, Sussex, England	Yes?	Current
Landowners ELMS opportunities				
RaNTans (R apid reduction of N utrients in T ransitional waters). UoP	Reducing algal mats			
'Sea the Value' project. ValMAB-DM - Nicola Beaumont PML and UoP Jo Preston and Gordon Watson	Carbon sequestration	Solent		
Solent Forum Partnership Opportunities work Solent Forum - Partnership Opportunities And Project Tracker Solent Forum - Greater Solent Project Tracker				Current
Nature recovery on built infrastructure (Marineff)				
Please add more				
Local area restoration projects				
To be populated by primary partners				
Catchment Partnership actions				
	Reducing algal mats			
	Carbon sequestration	Solent		
Please add more				

Partner List

Primary	
Hants and IOW LNP	
HCC	
IOW Council	
Chichester District Council	
West Sussex County Council	
Natural England	
Environment Agency	
Solent Forum	
Coastal Partners	
Blue Marine Foundation	
All Harbour / port Authorities	
Chichester Harbour Conservancy	
Isle of Wight Estuaries officer	
Island Rivers Partnership	
All coastal LPAs	
Catchment Partnership Leads	
Partnership for (Urban) South Hampshire	Also includes Green print, nutrient neutrality, Bird Aware
HIWWT	Wilder seas – good mgt plan, innovative blue carbon projects
Universities	
Please add more	
Sx LNP	
MMO	
Crown Estate	
RSPB	

Solent Seascapes project Map

NE/EA Inventory layers that have been worked on
Seagrass and saltmarsh layers should be same as HBIC

