**List of initiatives and projects applicable in the Solent that could assist with nature recovery – LNRS workshop 16 Jan 2024**

| **Name and lead organisation** | **Details** | **Location** | **Mappable** | **Timescale** | |
| --- | --- | --- | --- | --- | --- |
| **Project/Initiative** |  |  |  |  | |
| [REACH (Restoring Estuarine and Coastal Habitats)](https://catchmentbasedapproach.org/wp-content/uploads/2021/10/Restoring-Estuarine-and-Coastal-Habitats-with-Dredged-Sediment.pdf)  ReMeMaRe (Restoring [seagrass] Meadows, [salt] Marsh and [oyster] Reef). Prioritisation exercise includes some natural capital work  Habitat restoration potential prioritisation maps, which included some analysis of natural capital/ecosystem service data. | Seagrass, saltmarsh, oyster, saline lagoon, sand dune, kelp, maritime cliffs, vegetated shingle potential  EA, NE 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 | National | yes | Current maps  Waiting on maps | |
| [Blue Marine report on integrated restoration on the south coast](http://www.solentforum.org/services/Member_Services/Habitat_Restoration/REACH/Integrated_Restoration_South_Coast.pdf) | Seagrass, saltmarsh, kelp, oysters etc. | South Coast | No | Report and stakeholder consensus | |
| Blue Marine – [Solent Seascapes Project](https://www.bluemarinefoundation.com/projects/solent-seascape-project/) | 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](http://www.solentforum.org/services/Member_Services/Habitat_Restoration/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 Habitat Compensation & Restoration Programme](https://southerncoastalgroup-scopac.org.uk/rhcp/) | 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](https://sussexkelp.org.uk/)  Sussex Wildlife Trust and Sussex IFCA | Kelp | West Sussex to Brighton | yes | current | |
| Hampshire CC LNRS Nature Recovery Mapping | Any data layers currently available? | Hampshire |  |  | |
| Isle of Wight LNRS Mapping | Any data layers currently available? | IoW |  |  | |
| West Sussex CC LNRS Mapping | Any data layers currently available? | West Sussex |  |  | |
| Intertidal SSSI areas in unfavourable condition  SAC areas in unfavourable condition  Natural England | Can ‘condition’ of sites be mapped?  Info on Designated sites system | National |  |  | |
| [Solent Seagrass Restoration](https://www.hiwwt.org.uk/seagrass-restoration)  HIWWT | Seagrass | Solent | yes | current | |
| [ReMEDIES Project](https://saveourseabed.co.uk/)  Natural England | Seagrass | Solent | yes | current | |
| [Coastal Resilience and Saltmarsh Restoration](https://www.conservancy.co.uk/nature-recovery-chapron/focus-areas/coastal-resilience-saltmarsh-restoration/) | Saltmarsh/Coastal Grazing Marsh | Chi Harbour | yes | current | |
| [Life on the Edge](https://www.projectlote.life/) | RSPB. Habitats for terns and shorebirds | Chi Harbour | yes | current | |
| [Return of the Tern](https://www.conservancy.co.uk/nature-recovery-chapron/projects/return-of-the-terns/#:~:text=In%202021%2C%20the%20Friends%20of,recovery%20plan%20for%20the%20AONB.)  RSPB |  | Langstone to Medmerry |  |  | |
| North Solent and IOW Shoreline Management Plans. Also Flood risk management strategies   1. [Hurst to Lymington strategy](https://www.hurstspit2lymington.co.uk/) | Managed retreat mudflat saltmarsh | Hurst to Lymington | yes | Current maps | |
| [Beneficial Use of Dredgings in the Solent](http://www.solentforum.org/services/Current_Projects/buds/)  ABPmer | Opportunities for BUDS | Solent | yes | Current | |
| [Green Halo](https://www.greenhalo.org.uk/)  New Forest NPA | Any work from these sources that can support coast? | New Forest |  |  | |
| [Greenprint](https://www.push.gov.uk/greenprint/)  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](https://www.conservancy.co.uk/nature-recovery-chapron/projects/return-of-the-terns/) | Mudflat, saltmarsh, oysters, seagrass, birds | Chi Harbour | yes | current | |
| Southern and Sussex IFCA | Oyster/shellfish ESS Maps | Sussex, Hants, IOW | yes | current | |
| Three Harbours  Southern Water & Partners | Strategy being developed, focus on water quality and nature recovery | Chichester, Langstone, Pagham | Webmapper by Atkins Ltd |  | |
| [LPA nature recovery strategy guidance](https://www.local.gov.uk/pas/topics/environment/nature-recovery-local-authorities/local-nature-recovery-strategies-useful) |  |  |  |  | |
| [Brent Goose Strategy](https://solentwbgs.wordpress.com/)  HIWWT |  | Solent wide | Yes |  | |
| [Bird Aware](https://birdaware.org/solent/) | Passive restoration via education. | Solent |  |  | |
| [Solent Oyster Restoration](https://www.bluemarinefoundation.com/projects/solent/)  Blue Marine Foundation | Oyster reef restoration | Langstone Harbour, River Hamble, Cowes |  |  | |
| 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 | |
| [Marineff](https://www.southampton.ac.uk/oes/research/projects/marineff.page)  Bournemouth University led | Eco enhancement of coastal and marine infrastructure | National |  |  | |
| [RaNTrans](https://rantransproject.com/) (**Ra**pid reduction of **N**utrients in **Trans**itional waters).  UoP | Reducing algal mats | Solent |  |  | |
| [‘Sea the Value’ project](https://www.pml.ac.uk/science/projects/Sea-the-Value). PML and UoP | Quantify the interlinkages between marine biodiversity, natural capital, and ecosystem services. | Solent one case site | Yes | Maps in prep | |
| **Drivers/Other** |  |  |  |  | |
| Green Finance opportunities |  | National |  |  | |
| Nutrient neutrality | Being actioned by Solent LPAs | National |  |  | |
| Biodiversity Net Gain and Marine Net Gain | MNG in development, BNG April 2024. | National |  |  |
| FCREM non-mandatory BNG, and Carbon Offsetting | Pilot (in development) | Solent, Sussex, England | Yes? | Current |
| Landowners ELMS opportunities | Waer quality improvements from farming | National |  |  | |
| Solent Forum Partnership Opportunities work [Solent Forum - Partnership Opportunities](http://www.solentforum.org/services/Partnership_Opportunities/)  And Project Tracker [Solent Forum - Greater Solent Project Tracker](http://www.solentforum.org/services/Partnership_Opportunities/Greater_Solent_Project_Tracker/home.php) | Record of what is happening in the Solent. | Solent |  | Current | |
| [Solent Forum Information Database](http://www.solentforum.org/publications/sid/) | Lists known research and reports in the Solent. Search by topic including habitats and species. | Solent |  |  | |
| Please add more if known (incl. links) |  |  |  |  | |