

Key: Delivered or led by NYC / Delivered in partnership		Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Medium Term 2025-2030
g New opportunities in the marine environment							
i	North East Strategic Coastal Monitoring Programme	Continue programme to support coastal protection	<ul style="list-style-type: none"> • Beach profile surveying; • Beach topographic surveying; • Cliff-top position surveying; • Bathymetric surveying; • Sea bed characterisation and habitat mapping; • Wave and tide data collection (Wave buoys & tide gauges); • Aerial photography (both vertical and oblique); • LiDAR surveys; • Terrestrial Ecological Habitat mapping; • Walk-over visual inspections of manmade defences and natural cliff and dune features; • Website updates; • Data management; • Data analysis and reporting. 	Understand coastal erosion and the effects of climate change on the landscape. Buoy network monitors storminess and sea level rise and tide gauges measure level rise. Assists producing coastal strategies (reviewed every 10 years).	Environment	Fully funded until 2027 with £4.5m by Environment Agency via Defra grant in Aid.	From 2027 NYC will seek the next phase of funding for coastal monitoring to 2033 and the North East region will likely require an increase surmounting to a budget of around £6 million of grant.
ii	Great Yorkshire Kelp Forest	Support development of project	Provide regional dataset of kelp extent, distribution, condition and species composition. Also explore value of kelp for carbon sequestration.	Increased kelp cover	Environment	External funding	Longer term ambitions and recommendations coming from project
iii	Concrete Coast	To work with partners to develop project	Restore intertidal habitat around 'hard' infrastructure	Improved biodiversity	Environment	External funding	Secure funding to enable more enhancements to be installed along coastline