

# Nairn: Dune Protection by Beach Recharge

April '25 to March '26

£310,000

The Highland Council



The dunes protect Fishertown, but they are narrow and experience erosion.  
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## Overview:

Our project aims to better understand the opportunities and potential impacts of delivering a Beneficial Use of Dredged Sediment (BUDS) scheme for Nairn beach. Currently, the beach elevation has direct impact on the health of the dunes, which are providing coastal erosion and flood risk protection for the Fishertown community. Through delivery of such a measure, it is hoped that existing infrastructure (groynes and buried gabions within the dunes) will have prolonged life due to reduced erosion impacts from storms.

## What we are hoping to learn:

Undertaking physical sediment tracing along the coast will enable development of a sediment pathway map. This project will help our decision making in relation to implementing beach recharge, identify all necessary licences required and provide a specification for any potential future beach material in terms of grain size and chemical composition as well as best locations to deposit the material.



Beach level changes at Nairn Beach.  
©THC (Oct 2023)

#adapt #community #beachrecharge



#1. May 2025