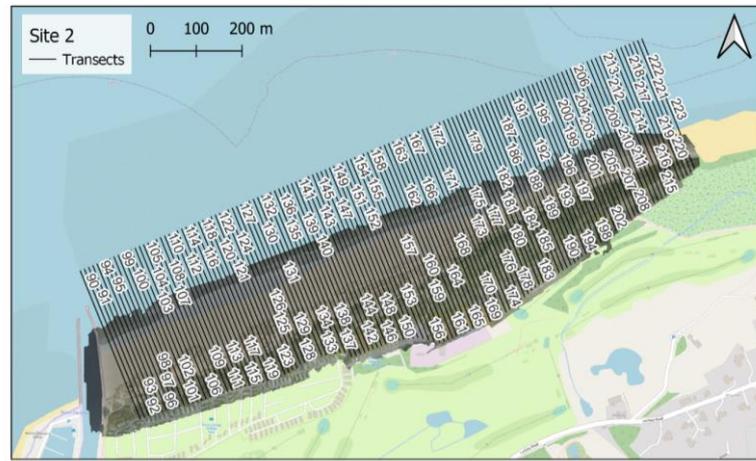
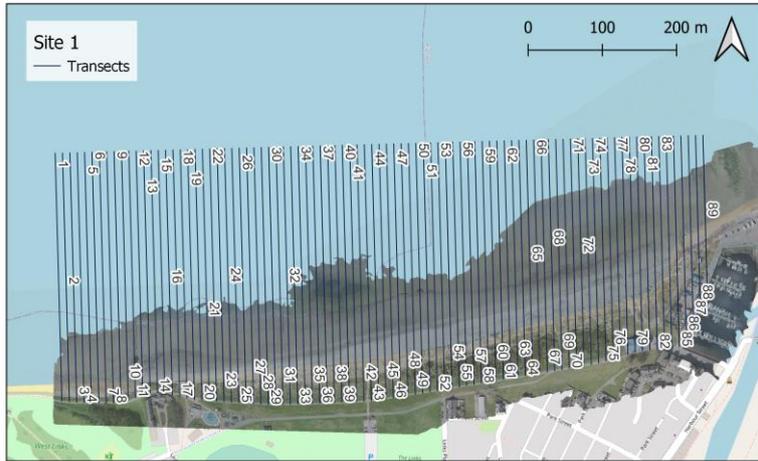


# Nairn: Dune resilience and adaptation

April '23 to March '24

£83,000

Highland Council



**Overview:** Our project aims to better understand the beach and dunes at Nairn, and improve the natural protective function that they provide to the Fishertown area of the town. We're developing a Dynamic Adaptive Pathway, allowing us to understand the level of protection provided by the dunes, the opportunities to enhance these, and the long-term adaptation that may be required.

## What we are learning (Mid Point Update):

To determine the baseline condition of the dune and beach system LiDAR and topographic data has been used. This analysis has shown that for both the west and east beach erosion and accretion is occurring.

Historic shoreline position was also determined using satellite and aerial imagery (earth observation). Using this data for the east beach it picked up the evolution of the bar at Cubin Sands and the beach accretion. The data was not as successful in picking up the erosion and accretion of the west beach

A vegetation survey has also been undertaken



#dunes

#nairn

#pathway



#2. August 2023