

# CASE STUDY

## NORTH BERWICK

### COASTAL PROTECTION 2018



Storms during 2016 saw large sections of the coastal sand dunes at North Berwick Golf Club being washed away by high tides. In 2018, following a successful tendering process McGowan Ltd were subsequently awarded the task to replace the lost coastal dunes, whilst at the same time, incorporating new erosion protection measures to protect dunes from future high tides.

Project Designer Enviro-Centre proposed to adopt a number of erosion protection methods within the project:

- 850nr Soft Rock Sand Sacks made from geo-textile were placed in the centre of the new dunes to combat future erosion.
- Chespale Fencing was erected on the seaward side of the newly re-constructed dunes to encourage the deposition of wind-blown sand, reduce trampling, and assist in protecting existing and new planting, vegetation.
- 16,500nr young marran grass plant cells were planted within the seaward side of the new constructed dunes.
- 70nr missing and rotten upright timber sleepers were replaced.



**PROJECT TYPE:** COASTAL PROTECTION

**LOCATION:** NORTH BERWICK

**CLIENT:** NORTH BERWICK GOLF COURSE

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