



# Meet & Greet; Domburg, Zandvoort & Bergen-Egmond

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Work Package three of Interreg Building with Nature will assess the effectiveness of ten coastal laboratories in the North Sea Region (NSR). The coastal laboratories consist mostly of shoreface or beach nourishments that will be assessed regarding climate change adaptation. Three laboratories are in The Netherlands; Domburg, Zandvoort and Bergen-Egmond (fig 1). These coastal towns are nourished frequently. The experience on the behaviour of these nourishments will contribute to the evidence base on the effectiveness of nourishments in the NSR.



Fig 1: Dutch coastal Laboratories

## 1. Domburg

Domburg is protected by a sandy shoreface in front of a narrow dune ridge (fig 2). The beach is intensively used for recreation. The beach width naturally is small because of a nearby gully. Beach nourishments are regularly applied to keep the coastline at its current position to ensure protection to flooding and recreational purposes.



Fig 2: Domburg, the Netherlands (Source: Beeldbank Rijkswaterstaat).

## 2. Zandvoort

Zandvoort is a well known holiday destination for many Dutch and German citizens. A visit to this beach in summer is popular and can therefore it be very crowded (fig 3). The shoreface of Zandvoort has been nourished multiple times (shoreface nourishment). These nourishments counteract the ongoing natural beach erosion by influencing the underwater sandbars and keep the coastline at its desired position.



Fig 3: Zandvoort, the Netherlands (Source: Beeldbank Rijkswaterstaat).

## 3. Bergen-Egmond

Another frequently nourished location along the Dutch coast is the Bergen-Egmond stretch. At this location often a beach and shoreface nourishment combination is applied to keep the coastline at its current position and protect the natural dune areas (fig 4).



Fig 4: Bergen-Egmond, the Netherlands (Source: Beeldbank Rijkswaterstaat).