

COAST REINFORCEMENT KATWIJK



Visualization of the dyke-in-dune solution with an integrated parking garage, the chosen model.



Current Katwijk: town centre and beach are economically and physically interwoven. Raising or widening the dunes will have huge consequences for the town.



This can happen with 1m sea level rise and a serious storm.

Bestaande situatie



Hoog en smal



Laag en breed



Dijk in Duin



Dijk in Duin, overslag



Different alternatives that are researched and assessed.

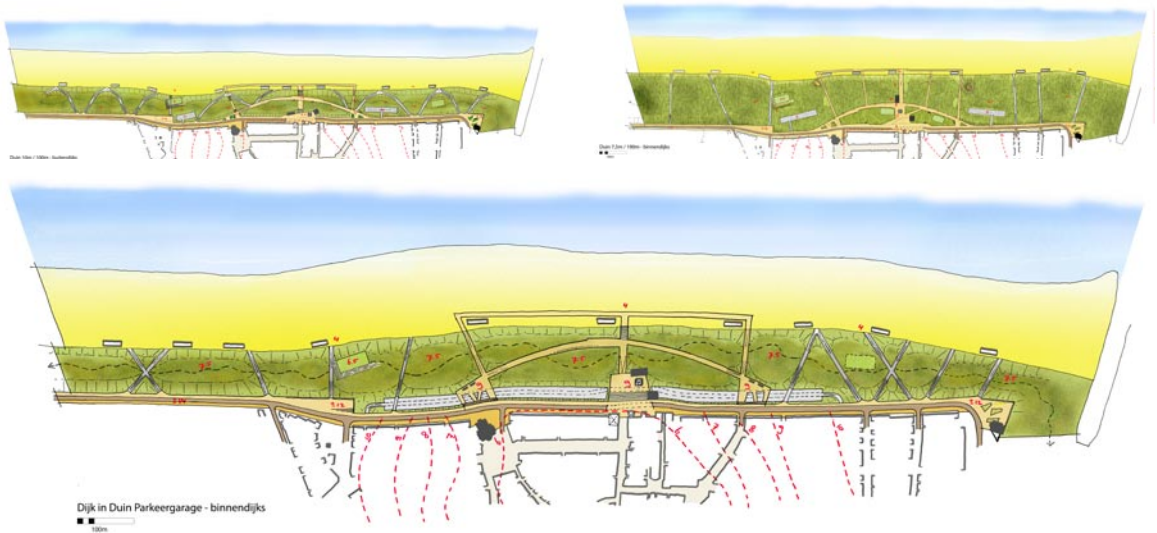
Project: Coastal reinforcement plan
 Client: Waterboard Rijnland, with National Government, Province of Zuid Holland, Katwijk Council
 Location: Katwijk aan Zee - The Netherlands
 Area: 57 ha.
 Duration: 2008-2010
 Status: Process continuing.
 Partners: Arcadis consultancy, OKRA landscape architects, Alkyon water engineers

Development plan for reinforcing the coast to sustain sea-level rises and improve economic and spatial quality of the seaside town.



Stakeholders and community building their own alternatives in a scenario-game. Part of the research to come to the most acceptable alternative for the public.

Three of the models that were worked out for the environment assessment study.



Visual impact study for different models at 3 of the view points.

