

Restoration of the natural dynamics on the Boschplaat

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BOSCHPLAAT



The Wadden Sea World Heritage Site

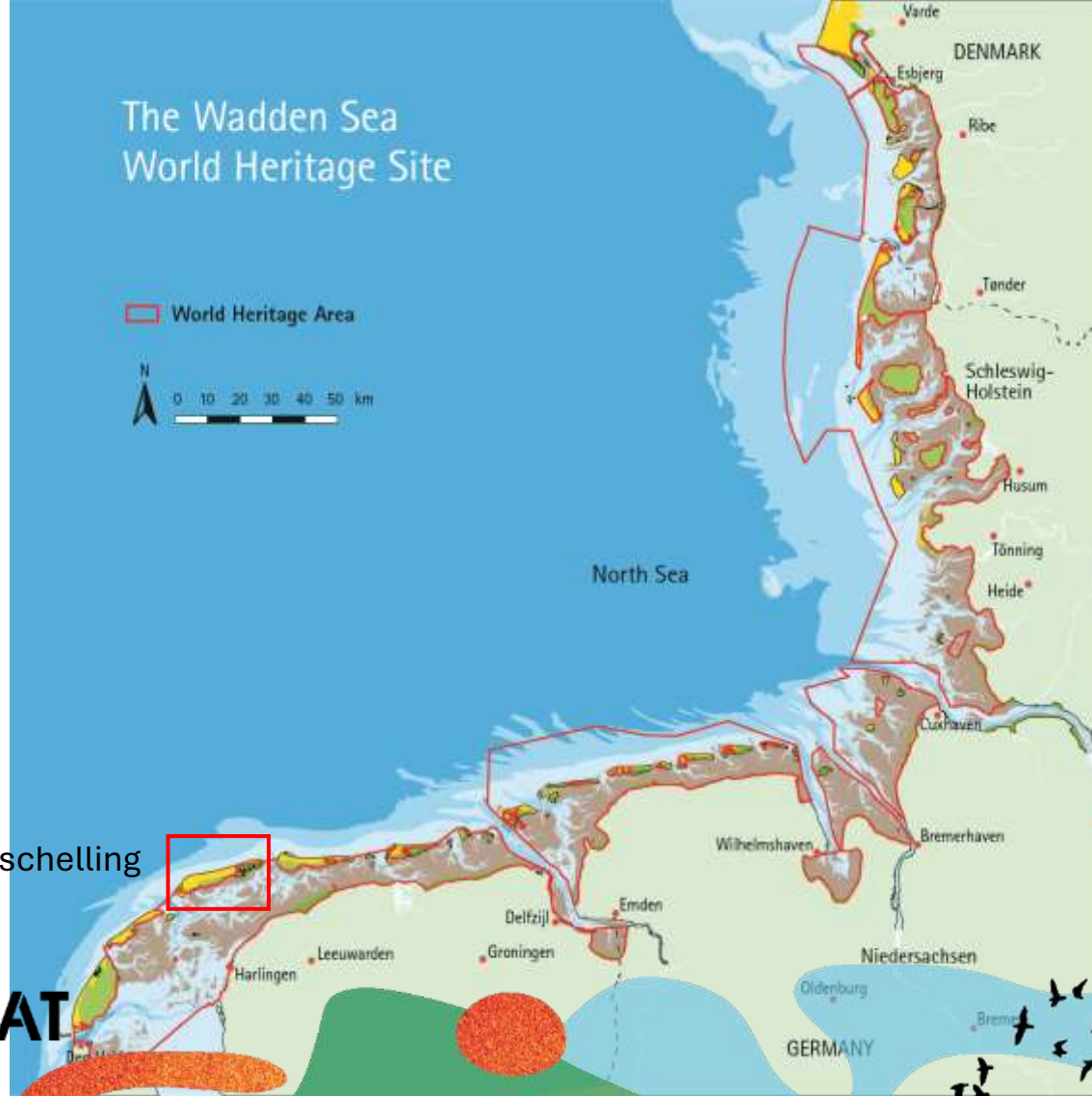
World Heritage Area



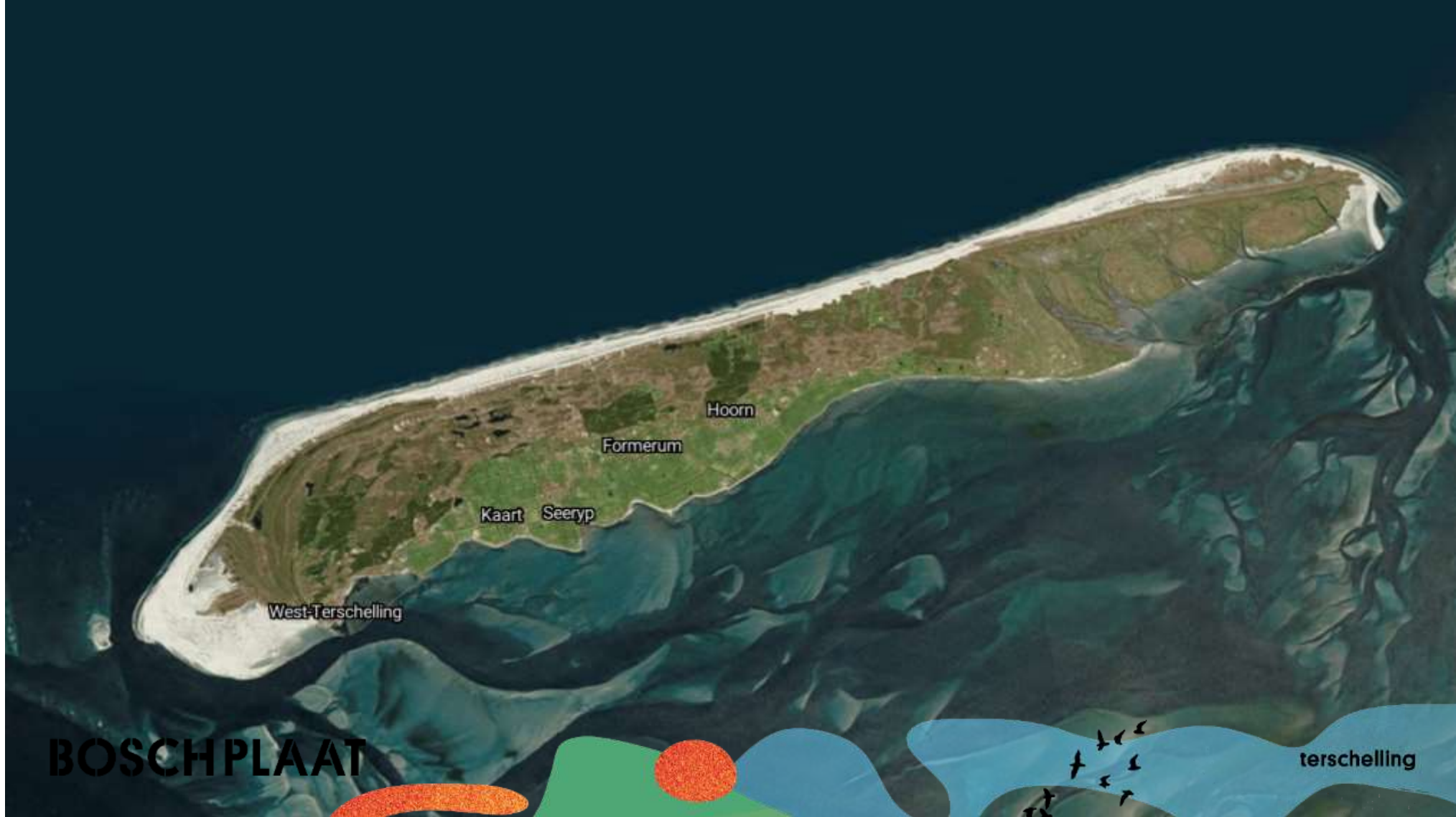
North Sea

Terschelling

BOSCHPLAAT



terschelling



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Hoorn

Formerum

Kaart

Seeryp

West-Terschelling

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De Boschplaat

- Natura 2000 site
- European diploma since 1970
- UNESCO world heritage Wadden sea
- ± 2500 hectare land area
- Salt marsh, dunes, beaches, forest, mud flats



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Breeding birds in 2024

Spoonbill	147	Barnacle goose	425
Short-eared owl	2	Grey goose	104
Marsh harrier	7	Cormorant	237
Sand plover	1	Common eider	117
Ringed plover	4	Oyster catcher	135
Common tern	12	Redshank	73
Little tern	101	Avocet	7
Arctic tern	14	Curlew	12
Common gull	15	Yellow wagtail	156
Great black-backed gull	18	Sky lark	159
Herring gull	2340	Meadow pipit	325
Lesser black-backed gull	15377	Sand martin	33

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History of the Boschplaat



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Artificial sand dike 1937



Sand dike in 2024

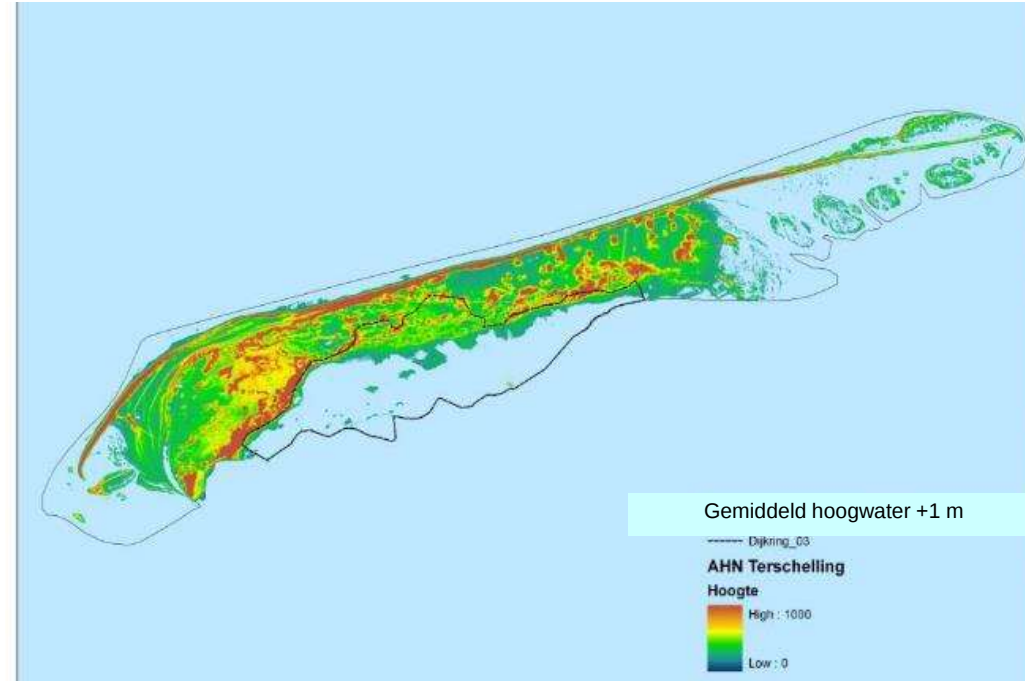
- 8 km long
- 8 – 15 meter high
- 150 meter wide
- Strict separation between beach en salt marsh
- Limited natural dynamics

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Threats to the Boschplaat

- Too little sedimentation to keep up with sea level rise.
- Sand dike is blocking sediment transport from the beach onto the island

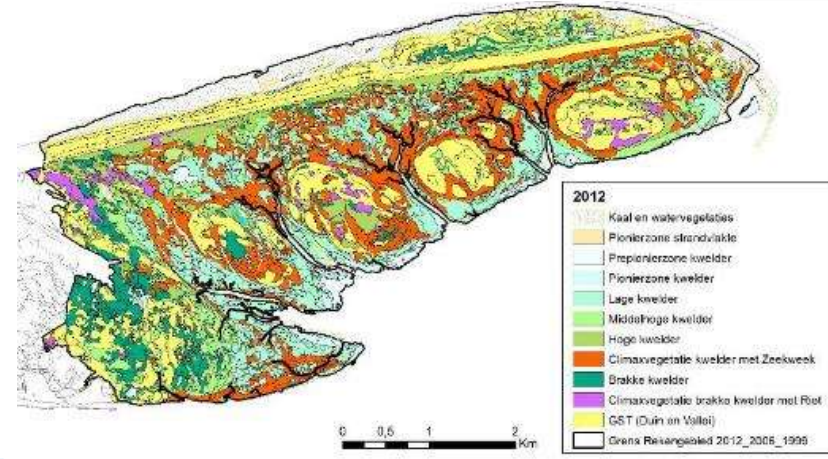
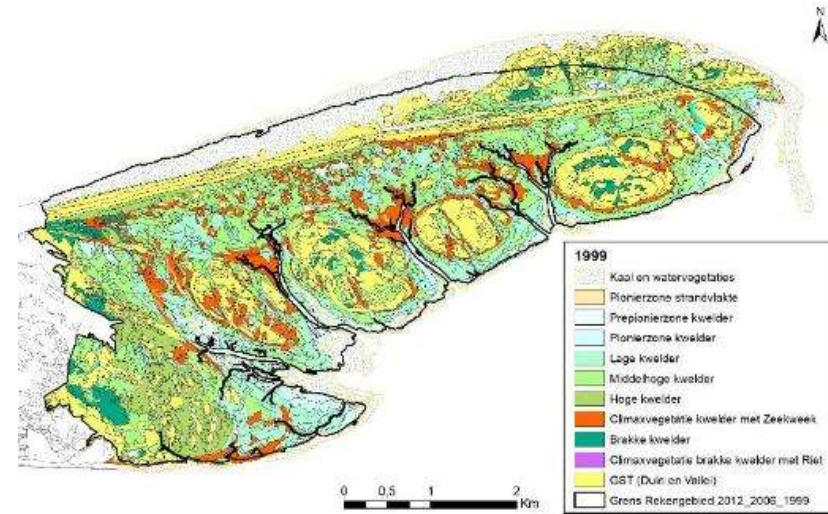


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Threats to the Boschplaat

- Ongoing succession from the dunes and salt marshes with reed and grasses, causing a decrease in biodiversity.
- No rejuvenation caused by a lack of dynamics



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2018: Future vision Boschplaat

- Written with direct input from islanders and academics
- Possible measures
- Guiding principles
- Safety agreements



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2018: Future vision Boschplaat

Restoring natural dynamics:

- to increase sedimentation and to keep up with sea level rise.
- to rejuvenate vegetation and to increase biodiversity

Restoring natural dynamics:

- Blowing dunes
- Wash-over complex



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Partner organizations:



Steering board and projectteam, from 5 organizations



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Planning

2018	Future vision with islanders
2021 – 2026	Preparatory process
2027 – 2028	Realization of the blowing dunes and washover
2027 - 2037	Monitoring, research, restoration measurements (when needed)

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Communication



- Information brochure for every house on the island
- Boschplaat-reporters
- Island Advisory board
- Primary School Expeditions
- Voluntary Bird-watchers
- Excursions
- Exposition
- Articles
- Online masterclasses
- Citizen science

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More information on www.boschplaat.nl

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