

Management of the National Park Lower Saxon Wadden Sea

Thea Hamm | Siggen Seminar | NLPV | 05.03.2024

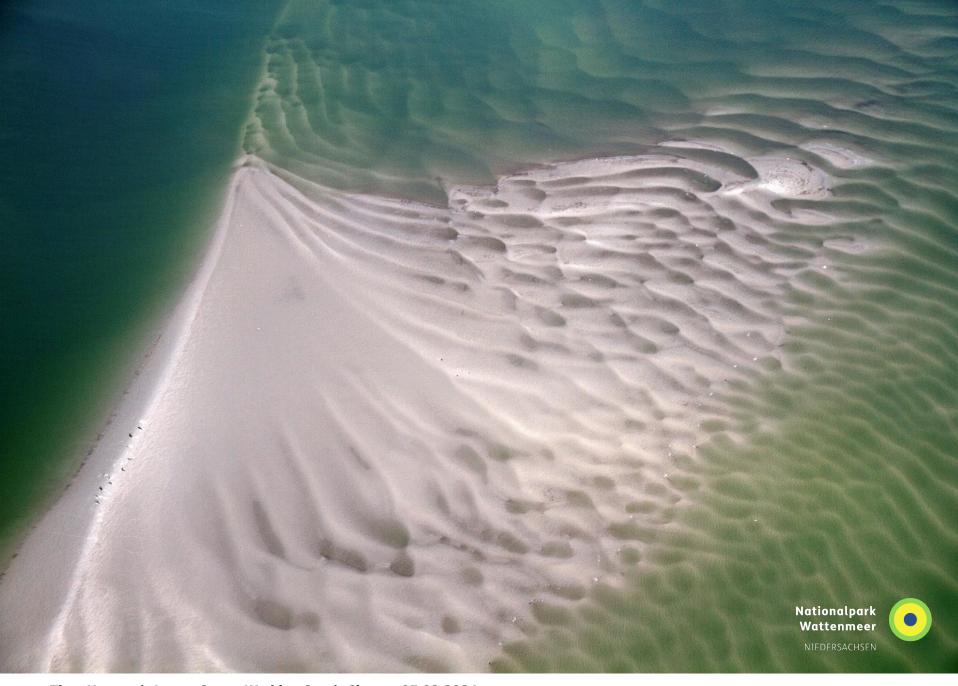






14 900 km² Wadden Sea area

From Denmark to the Netherlands



Tidal mudflats

Thea Hamm | Lower Saxon Wadden Sea | Siggen, 05.03.2024



More productive than a tropical rain forest



Home to many

Thea Hamm | Lower Saxon Wadden Sea | Siggen, 05.03.2024



Food for many:

- Grey seal
- Harbour seal
- Harbour porpoise



- 3450 km² National Park in Lower Saxony
- Mudflats: 1 381 km^2
- Water: 1886km²
- Islands and dry land: 191 km²

Main drivers and conservation objectives
Unique habitat, important for thousands of species









Onno K. Gent

Legal and governance considerations

National Park Lower Saxon Wadden Sea

National Law

- Lower Saxon Wadden Sea National Park Law: NWattNPG
"... to preserve the special characteristics of nature and the landscape of the wadden sea (...) and natural dynamics of the habitat types. The biological diversity of flora and fauna in the area of the national park should be preserved..."

Trilateral collaboration

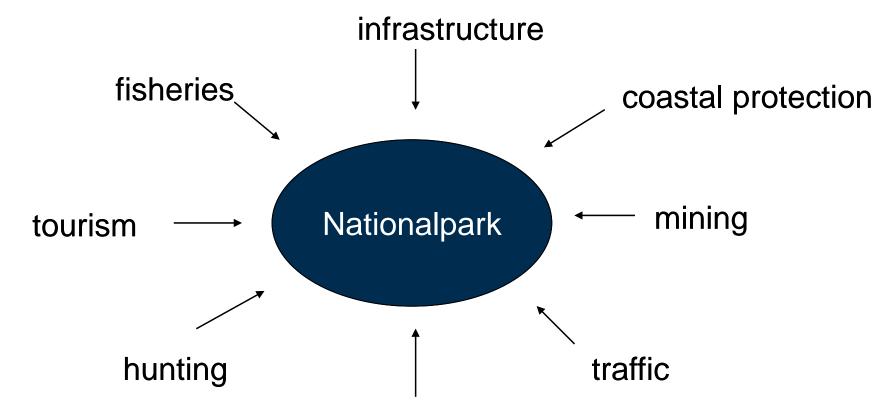
- Trilateral wadden sea cooporation (TWSC, since 1978) managed by the Common Wadden Sea Secretariat (CWSS)

International Guidelines

- Marine Strategy Framework Directive (MSFD)
- Habitats Directive (FFH) → Natura 2000 areas
- Birds Directive

Socio-economic context and stakeholders

National Park Lower Saxon Wadden Sea



Hydrodynamic engineering dredging and dumping

Organization

Der Geschäftsbereich des Niedersächsisches Umweltministerium Niedersächsischen Umweltministeriums Oberste Landesbehörde Stand: 15.04.2007 Gewerbeaufsicht Naturschutz Wasserwirtschaft Immissionsschutz Chemikalien Gewässerschutz Abfallwirtschaft Strahlenschutz Abfallvermeidung Kernenergie (Rechts- und Fachaufsicht 1) Altlasten Energiepolitik Bodenschutz Klimaschutz (Dienst- und Fachaufsicht 1) Staatliche Niedersächsischer Landesbetrieb für Gewerbeaufsichtsämter Nationalparkverwaltung Harz Wasserwirtschaft, Küsten- und Naturschutz in Wernigerode - Braunschweig Direktion in Norden - Göttingen Betriebsstellen in Aurich, Meppen, Brake/Oldenburg, Norden/Norderney, - Hannover Nationalparkverwaltung Nds. Wattenmeer Stade, Verden, Lüneburg, Cloppenburg, - Hildesheim in Wilhelmshaven Sulingen, Hannover/Hildesheim und - Celle Braunschweig/Göttingen - Cuxhaven - Lüneburg Betrieb und Unterhaltung Biosphärenreservatsverwaltung - Emden wasserwirtschaftlicher Anlagen und Niedersächsische Elbtalaue - Oldenburg Gewässer in Hitzacker - Osnabrück Hochwasser- und Küstenschutz Flussgebietsmanagement **Immissionsschutz** Alfred Toepfer Akademie für Naturschutz Gewässerkundlicher Landesdienst Arbeitsschutz in Schneverdingen Naturschutz Abfallwirtschaft (Fachaufsicht) Landesamt für Bergbau, Energie und Geologie Hannover, Clausthal-Zellerfeld Kommunale Gebietskörperschaften Wasser- und Bodenverbände Region Hannover, 37 Landkreise, 8 kreisfreie Städte (Sonderstatus: Göttingen u. Landeshauptstadt Hannover) 7 große selbständige Städte

Nur soweit Aufgaben aus dem Geschäftsbereich des Nds. Umweltministeriums wahrgenommen werden.

OrganizationStaff, rangers and volunteers

Staff responsible for certain regions



Staff responsible for certain topics
e.g. fisheries, birds,...

Rangers





National Park area and zoning

Zone	Km ²	% of NP
Restricted Zone	2369,6	68,59
Intermediate Zone	1071,8	31,02
Recreational Zone	17	0,49

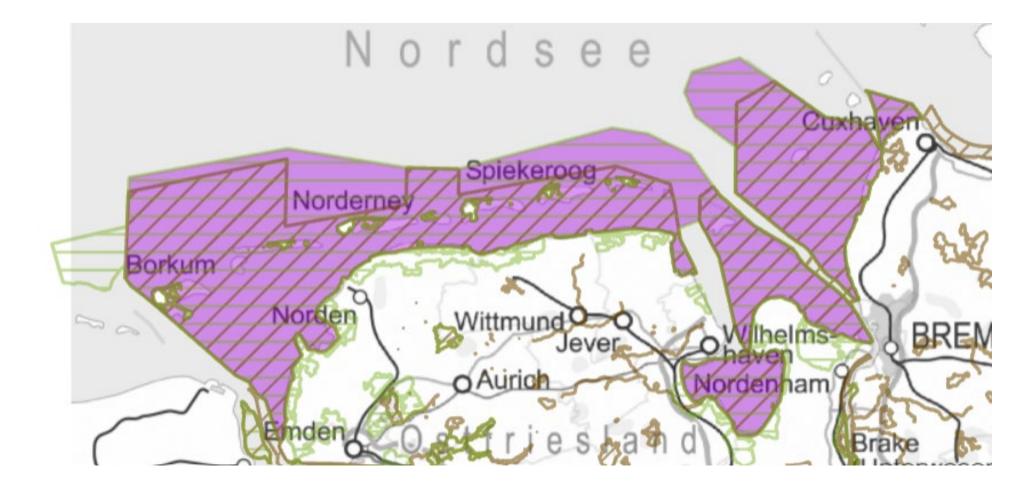


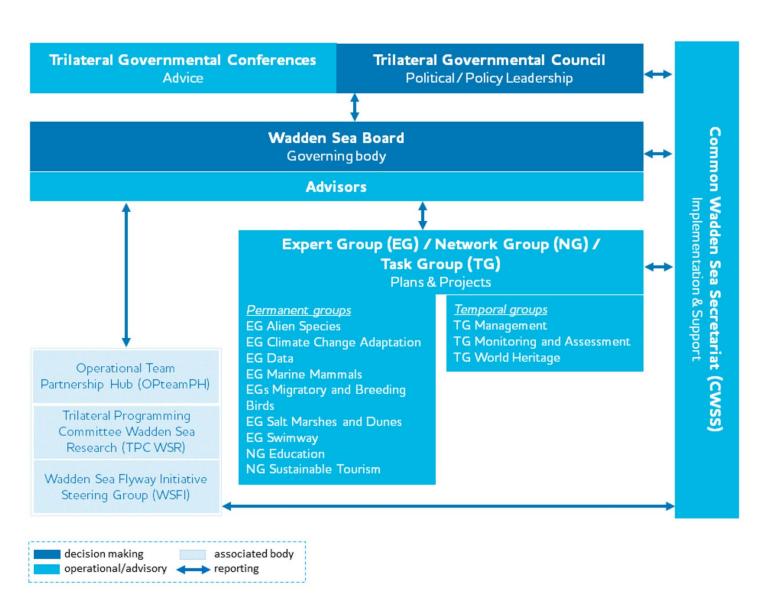
Overlapping areas

Violet: Nationalpark

Brown lines: habitat directive site

 Green lines: birds directive site



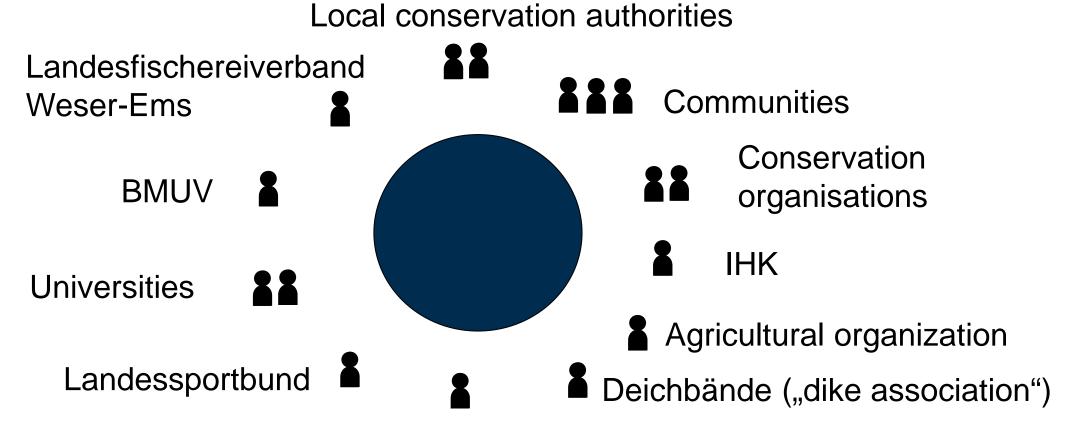


THE SIMP INTEGRATED MANAGEMENT PLAN FOR ONE WADDEN SEA WORLD HERITAGE



Participatory processes

National Park Lower Saxon Wadden Sea



Tourism association

Management Effectiveness Assessment processes

International guidelines set the pace

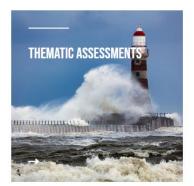
- → International guidelines require reports in a 6 year cycle
- Determine status
- Formulate goals
- Develop measurements to achieve goals
- Monitor if goals are achieved

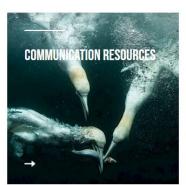
Wadden Sea Quality Status Report Climate change









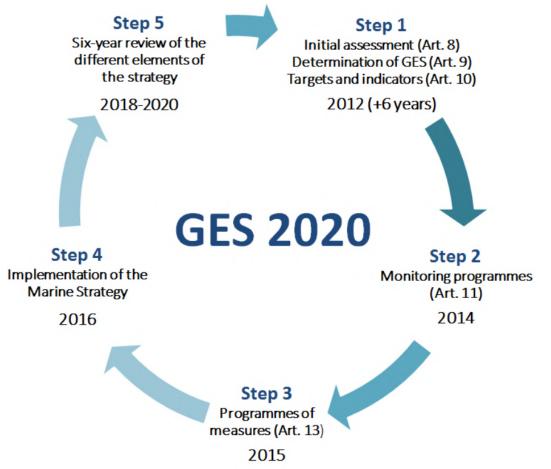






Management Effectiveness Assessment processes

International guidelines set the pace



Common implementation strategy

Second implementation cycle (2018 – 2023)

Implementation report and state of the seas

First implementation cycle (2012 – 2017)

Thank you for your attention



Questions?