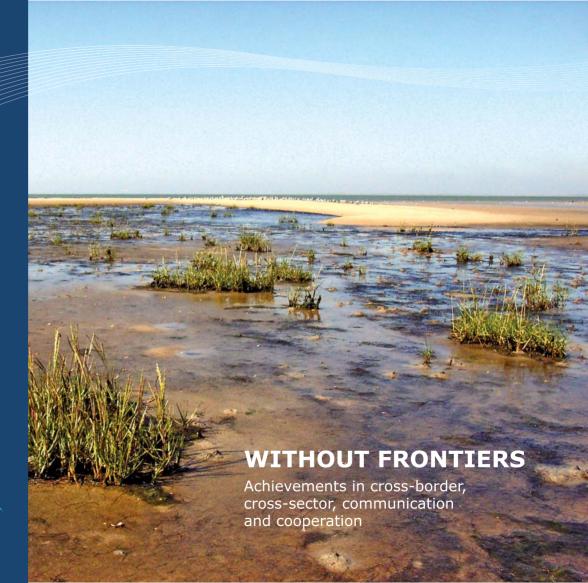


WADDEN SEA FORUM
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WADDEN SEA FORUM

Report on achievements in transboundary and cross-sectoral cooperation with an emphasis on the period 2008 - 2009

Colophon

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The Wadden Sea Forum (WSF), an independent platform of stakeholder organisations in the Wadden Sea Region (WSR) of Denmark, Germany and The Netherlands, was established in 2002, following a decision by the 9th Governmental Conference of the Trilateral Wadden Sea Cooperation (TWSC).

contribute to an advanced and Wadden Sea Region, In particular, this means integrating specific cross-sectoral and transboundary strategies, actions and techniques which are environmentally sound, economically viable and socially

acceptable. Due to the outstanding natural values of the Wadden Sea ecosystem, the Wadden Sea Forum acknowledges the Targets of the Trilateral Wadden Sea Cooperation (TWSC) for the protection of the Wadden Sea.

Based on the recommendations of a comprehensive external evalua-The central goal of the WSF is to tion of the Trilateral Wadden Sea Cooperation, it was decided to sustainable development in the support a WSF secretariat and to clarify the collaboration with the WSF. Subsequently, a Memorandum of Understanding was signed to establish a working arrangement between the WSF and the TWSC. The collaboration aims at finding



solutions to minimize conflicts and safeguard nature by common approaches. Essential in this work is an Integrated Coastal Zone Management (ICZM) approach as well as the implementation of Integrated Maritime Policies (IMP).

The Wadden Sea Forum has succeeded in widening the sector and cross-sector dialogues across the boundaries of Denmark, Germany and The Netherlands. The crossborder collaboration is an intrinsic value of the Forum as the structure and organization is applied trilaterally. At the political level, the Forum has contributed to decision making processes and forwarded recommendations and resolutions.

The WSF has also been active with regard to information and knowledge exchange. This has strengthened the partnership within the Forum as well as the cooperation and net-working with other organizations and institutions. The WSF has implemented several workshops and symposia on meadow birds, goose management, ICZM impleenergy production in the WSR.

Furthermore, the WSF and its working groups have organized expert—the progress and success. presentations on off-shore wind parks, container shipping, shipping safety, marine litter, harbor development and concepts to market the coastal region.

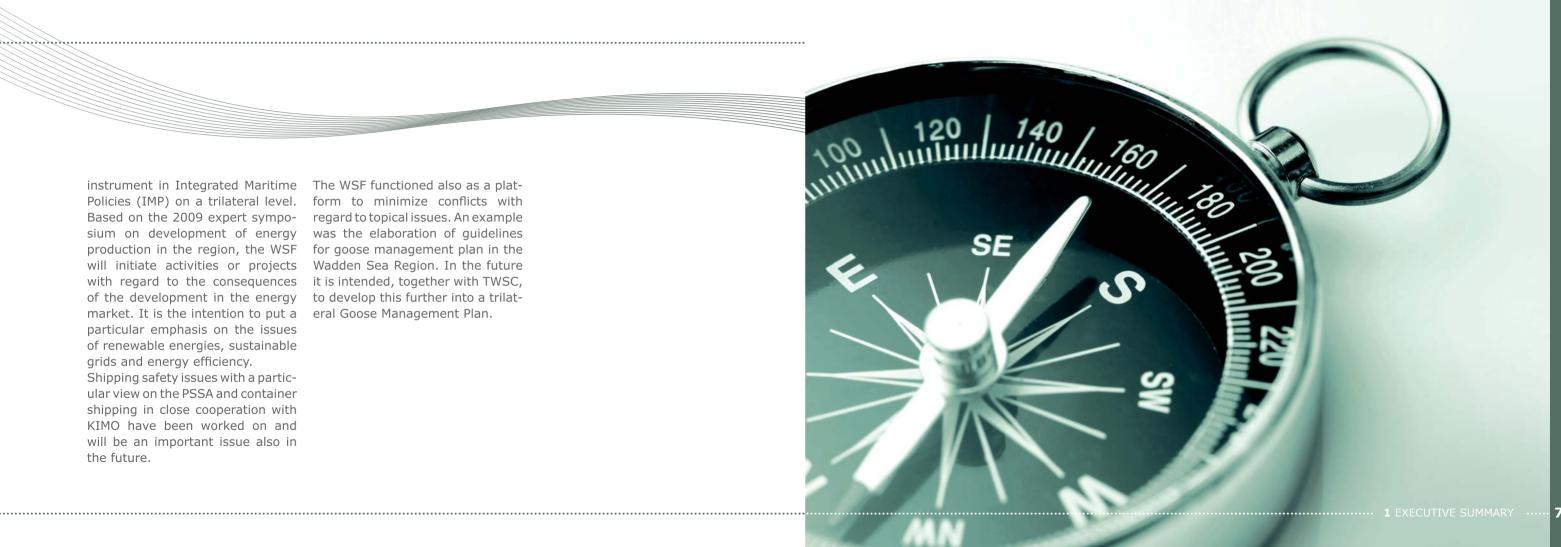
The Wadden Sea Forum has initiated and started activities and projects to contribute to an environmental friendly development of the Wadden Sea Region as well as to support the preservation of the Trilateral Cooperation Area, In the future the WSF will further develop ICZM implementation, adapted to the Wadden Sea Region and aimed mentation and development and at a land-sea interaction. The currently elaborated sustainability indicator tool is intended to measure

> A quite new issue, which becomes more and more important, is the further elaboration on Maritime Spatial Planning (MSP) as an

market. It is the intention to put a eral Goose Management Plan. particular emphasis on the issues of renewable energies, sustainable grids and energy efficiency.

Shipping safety issues with a particular view on the PSSA and container shipping in close cooperation with KIMO have been worked on and will be an important issue also in the future.

instrument in Integrated Maritime The WSF functioned also as a plat-Policies (IMP) on a trilateral level. form to minimize conflicts with Based on the 2009 expert sympo- regard to topical issues. An example sium on development of energy was the elaboration of guidelines production in the region, the WSF for goose management plan in the will initiate activities or projects Wadden Sea Region. In the future with regard to the consequences it is intended, together with TWSC, of the development in the energy to develop this further into a trilat-





INTRODUCTION



2.1 The Wadden Sea Forum

The Wadden Sea Forum (WSF) is acceptable. an independent platform of stakeholder organizations in the Wadden Sea Region (WSR) of Denmark, Germany and The Netherlands. The WSF was established in 2002, following a decision by the 9th Governmental Conference of the Trilateral Wadden Sea Cooperation.

contribute to an advanced and ues of the Wadden Sea ecosystem, sustainable development in the the Wadden Sea Forum acknowl-Wadden Sea Region, In particucross-sectoral and transboundary for the protection of the Wadden strategies, actions and techniques Sea and welcomes the inscription

which are environmentally sound, economically viable and socially

As the WSR is a peripheral region with lower economic potentials than average and with consequent social issues, the Forum also strives to achieve economic and social cohesion through implementing its strategic tasks.

The central goal of the WSF is to
Due to the outstanding natural valedges the Targets of the Trilateral lar, this means integrating specific Wadden Sea Cooperation (TWSC) of the Dutch-German Wadden Sea on the World Heritage List.

2.2 Task of the WSF

On the basis of the decision made in 2001 at the 9th Trilateral Governmental Conference (Esbierg): "To convene, therefore, in accordance with the Terms of Reference in Annex 6, a Trilateral Wadden Sea Forum, as a consultation project, with the participation of the governmental and non-governmental stakeholders, with the task of developing proposals for sustainable development scenarios and strategies for their implementation, respecting the existing

protection levels, and ensuring economic development and quality of life. This will be done on the WSF as represented in the Action basis of the Shared Vision, the Plan, and the WSF member's clear Wadden Sea Plan Targets and the willingness to contribute to its Shared Principles, and as a contribution to the further development of the Wadden Sea Plan"

2005 at the of the 10th Trilateral Governmental Conference (Schiermonnikooa):

"We highly appreciate and accept the Wadden Sea Forum (WSF) as a valuable partner in achieving sustainable development of the Wadden Sea Region and contributing to an Integrated Coastal Zone Management (ICZM) Strategy"

"We highly appreciate the identification of prioritized actions by the implementation"

The Wadden Sea Forum has formulated main tasks to reach the and on the statements made in goals of contributing to a sustainable Wadden Sea Region. The WSF will

- foster sustainable development in the Wadden Sea Region through exchange of information on experiences and best practice:
- try to bring together the sectoral interests of its members:
- exchange views on general themes and topical issues:

- initiate and implement projects and actions on topical issues;
- integrated coastal zone management;
- serve as a consultation body for governments.

2.3 Composition of the WSF

The WSF consists of representaments are represented as observers pany Statkraft, Brunsbüttel Ports, the Forum. (Annex 1).

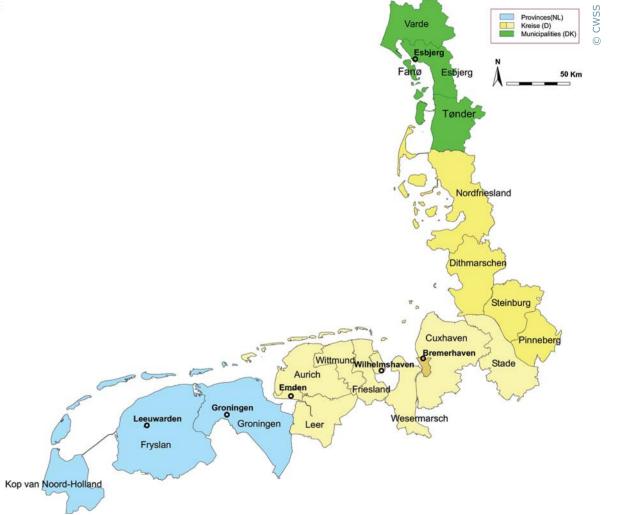
Klimant, head of the district ad- mayor of Ameland have become • prepare advice on issues related ministration of Dithmarschen and members of the Forum. to sustainable development and facilitated by the WSF secretariat, agement (ICZM), Energy, Industry great importance to the WSF. and Infrastructure (EII), Shipping, Agriculture and Fisheries.

Groningen Seaports, the presi-

The WSF is chaired by Mr. Jörn dent of KIMO International and the

established in 2008. The Forum also All in all, the composition of the Foencompasses a Steering Commit- rum and the high caliber of its reptee and working groups with regard resentatives indicate that the secto Integrated Coastal Zone Man- tors and regions concerned attach

Governance, structure and operating principles are laid down in the tives of the Agriculture, Energy, Since the Memorandum of Un- "Rules of Procedure", amended by Fisheries, Industry and Harbour, derstanding (MOU) was agreed the MOU (Annex 2). The WSF is Nature Protection and Tourism sec- in May 2008, the Danish Tourism not a legal body but a group contors, as well as local and regional Board, the National Park Authority sisting of stakeholders from many governments. National govern- Lower Saxony, the energy com- sectors volunteering to work within



COOPERATION WITH THE TRILATERAL WADDEN SEA COOPERATION

3.1 Memorandum of Understanding

Following the comprehensive external evaluation of the Trilateral Wadden Sea Cooperation, it was recommended that the collaboration with the WSF was clarified to financially support a WSF sec- 3.2 Working Agreements retariat and to offer a seat in the new trilateral board. Having settled the recommendations, a MOU For the purpose of the Memoranarrangement between the Wadden Sea Forum and the Trilateral Wadden Sea Cooperation.

The MOU is based on the mutual acknowledgement by the WSF and

the TWSC of the Shared Principles, including the Guiding Principle, the Shared Vision and the Targets, as laid down in the Wadden Sea Plan, respecting the existing protection levels and ensuring economic development and quality of life.

and Program

was signed to establish a working dum, the WSF serves as an independent trilateral advisory and consultation body to the TWSC. To this end the WSF provides relevant statements and background information to the TWSC, either upon request by the TWSC or upon the initiative of WSF member organisations. In particular:

- The WSF is consulted and the mission of WSF, which is to Projects/Activities prepares advice on matters regarding sustainable development of the Wadden Sea Region;
- The WSF will be consulted regarding national ICZM strategies, sustainability indicators and Maritime Spatial Planning and other issues of relevance to the Wadden Sea Region in so far as this is within the mandate of the TWSC:
- The WSF will discuss and integrate, where possible, relevant input by the regional Wadden Sea advisory bodies and submit the results to the TWSC on a regular basis.

develop proposals for sustainable development in the Wadden Sea The WSF has established the Region and to find a balance between the interests of the different • WG Integrated Coastal Zone stakeholders in the region.

The attached first draft WSF work programme is based upon the report "Breaking the Ice", the WSF Action Programme, priorities set following research among WSF members, and subsequent decisions at WSF meetings about the role and tasks of WSF. Relevant working groups have developed it further after assessing the progress

The activities listed in this work made as well as analysing the most programme are intended to further urgent issues. Working Groups and

following working groups:

- Management (WG ICZM)
- WG Energy-Industry-Infrastructure (WG EII)
- WG Shipping
- WG Agriculture and Goose Management
- WG Fisheries

The WSF is currently working on:

- Sustainability indicators to test whether the development in the region is sustainable;
- Further development of ICZM as well as on Maritime Spatial Planning (MSP);
- Database compilation of energy, industry and harbour related activities along the coast;
- Effects and consequences of the increased development of • Advice to TWSC regarding the energy market in the Wadden Sea Region;
- Shipping safety issues with a particular view on the PSSA and of container shipping, in close cooperation with KIMO;

- Recommendations and guidelines for the development of a trilateral goose management plan;
- Implementation of the International Gastronomy Award and promoting regional products;
- Supporting for further development of a TWSC marketing and communication strategy for the Wadden Sea World Heritage
- relevant issues.



WHAT HAS BEEN ACHIEVED

4.1 General

sustainable development of the Wadden Sea Region (WSR), integrating the principles of ICZM to ensure that the environment and landscapes are taken into account in considering economic, social and cultural development issues.

One of the most important tasks The Wadden Sea Forum has sucand achievements was and still is the application of sector and crosssector dialogues. These dialogues in the WSF working groups, Steering Committee meetings and, even more importantly, in half-yearly value of the Forum as the structure

plenary meetings with representatives of all sectors and the admin-Since the beginning of the WSF, istrative levels have developed a the Forum has worked towards the mutual understanding for visions, motives and strategies. Furthermore, the dialogues have resulted in a harmonious approach among diverse stakeholders in agreeing a common position and coherence over activities and decisions concerning coastal management.

> ceeded in widening the sector and cross-sector dialogues across the boundaries of Denmark, Germany and The Netherlands. The crossborder collaboration is an intrinsic

and organization is applied trilaterally. The shared ecosystem, and common cultural landscape and heritage histories make the cross-border collaboration within the WSF a sound basis for the sustainable development of the entire region. The working groups, projects and meetings in all sectors consider every issue on a transboundary basis. The WSF is recognized internationally as a best practice example of a "cross-sectoral, cross-border forum".

At the political level, the Forum has contributed to decision making processes and forwarded recommendations and resolutions.

Among others, these have included statements regarding goose management to the EU committee shops and symposia on meadow of the regions; recommendations regarding Exclusive Economic implementation and development Zone (EEZ) spatial planning and and energy production in the WSR. cross-border cooperation to the responsible ministries of the three Wadden Sea countries; and a resolution about safe container shipping to the EU Commission and national governments.

The WSF has also been active with regard to information and knowledge exchange. This has strengthened the partnership within the meetings to discuss topical issues Forum as well as the cooperation and net-working with other organi-

zations and institutions. The WSF has implemented several workbirds, goose management, ICZM

Furthermore, the WSF and its working groups have organized expert presentations on off-shore wind parks, container shipping, shipping safety, marine litter, harbor development and concepts to market the coastal region. Moreover, the WSF was involved in many regional, national and international events and affecting the WSR. Special attention was given to the MOU between



the TWSC and South Korea and a 4.2 Collaboration TWSC contribution of information and knowledge exchange by the WSF.

Forum and the working groups. The secretariat is independent from the TWSC and coordinates area of world-wide importance. the WSF activities, facilitates the meetings and workshops, organizes events and functions as gateway for information flow and public eral EEZs further off-shore, are relations. The secretariat hosts and maintains the WSF website, publishes the WSF newsletter and actions public relations tasks in close cooperation with the chair.

The Trilateral Wadden Sea Cooperation, established in 1978 as a In mid 2008, the WSF secretariat cooperation between the governwas established to facilitate the ments of Denmark, Germany and The Netherlands, aims to protect the Wadden Sea as a shared nature

> Many activities in the Wadden Sea Region, including the trilatdeveloping rapidly and will have effects on the trilateral conservation area. Increasing shipping traffic, fishing, tourism developments, coastal protection measures and energy supply activities will have a

Wadden Sea. Only the sustainable the advisory and consultation body 10th Governmental Conference. development of activities in places for the TWSC, particularly regard- As a result, the WSF will strengthbordering the protected area, and ing sustainable development and en and improve its support for the open dialogue between the stake- stakeholder involvement. Although TWSC. holders will secure the protection the information flow to TWSC is of the natural values.

ing many sectors and stakeholders, evaluation of PSSA, the develop- board, the collaboration could be will be instrumental in finding solutions to minimize conflicts and safeguard nature by common approaches. Essential in this work of the WSP. is an Integrated Coastal Management (ICZM) approach as well as Recommendations regarding an The Wadden Sea Forum and the the implementation of Integrated Maritime Policies (IMP).

good, there is scope to grow the With the implementation of the role as an advisory body. So far, new Trilateral Board and the The Wadden Sea Forum, represent- the given advice concerned the representation of the Forum in the ment of a goose management plan, further developed and improved. the further elaboration of sustainability indicators and the revision 4.3 Integrated Coastal Zone

> for WSF and the TWSC have been progress in a number of fields. presented in the report "Breaking

direct influence on protecting the A further WSF task is to serve as the Ice", which was adopted at the

Management

integrated management approach working group ICZM have achieved



The "Analysis ICZM Cases" project was initiated to identify successes and deficiencies in the application of ICZM as an instrument for achieving sustainable development in the Wadden Sea Region. The cases have been divided into two categories, the first concerning structural cases of ICZM management developments, the second dealing with the application of ICZM in concrete projects. The eight elaborated ICZM cases, which have been described and analysed according to the EU principles, have been evaluated by a consultant.

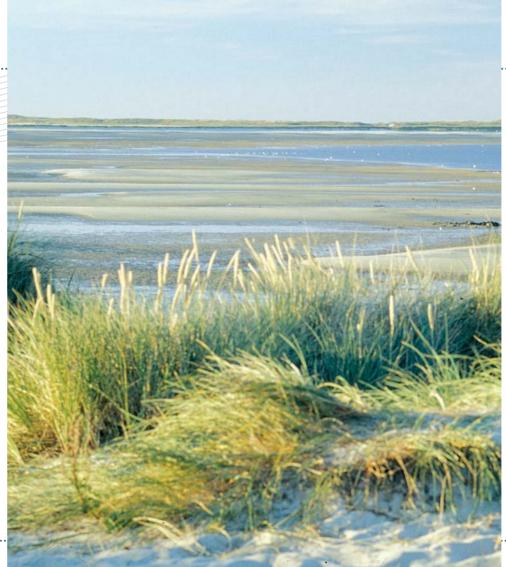
The 8 projects represented a broad spectrum of activities in the Wadden

Sea. For the purpose of analysis they had been allocated to the following groups:

- A. Construction and exploitation projects: gas exploitation NL; Ems Barrage; Jade-Weser Port.
- B. Fishery: mussel fishery NL; mussel fishery SH.
- C. Nature protection: Operation Corncrake DK.
- D. Cooperation: Island and Hallig Conference; Trilateral Wadden Sea Cooperation.

The analysis of planning practice showed in a synopsis that the set of planning tools established in the trilateral coastal region meets in part the ICZM demands for nego-

tiation, integration and appropriate consideration of the ecological aspects of sustainability. However, the analysis from a trilateral perspective and additional reviewed literature also revealed substantial deficiencies. Therefore, implementation of ICZM in the countries would not be possible without a number of adaptations and extensions of the existing planning tools. Some of these necessary adaptations can be carried out through appropriate implementation of the various EU directives. The final synthesis report was delivered at the beginning of April and is now available on the web site: www. waddensea-forum.org/WGs/ICZM/ WG ICZM studies.html



The results of the study also experienced the 8 EU ICZM principles as fundamentally suitable to characterize good coastal management and thus to serve as an orientation framework both for local planning and policy development in spite of the existing inconsistencies. They were essentially appropriate in their current form as a recommendation.

The Wadden Sea Forum has taken up ICZM as a process for achieving sustainable development of the Wadden Sea. In this light, the WSF has further developed the ICZM process, including guidance on further specification and recommendations for ICZM to add



ment of the Wadden Sea Region. As a concrete step, the working group staged an international workshop on ICZM on 11 June 2009 in Hamburg, Some 30 experts discussed the different levels of ICZM, gaps and "good/bad practices" of ICZM implementation, the value and feasibility of applying the EU ICZM principles in the trilateral context, the added value also for the Trilateral Cooperation and the need for structural improvements. Finally, it was recommended that

Cooperation should be committed to integrate the ICZM approach and the EU principles in their work;

 a staff position (ambassador/ ombudsman) should be implemented at the highest political level with strong backing.

The workshop report is available on the web site: http://www.waddensea-forum.org/WGs/ICZM/WG ICZM events.html

The working group has taken IMP and Maritime Spatial Planning (MSP) on board as this issue is increasingly in the focus

of the EU Commission and had a close link to ICZM as all off-shore activities are connected to the coast. Particularly EEZ planning would concern the WSF and the different stakeholders. Germany has passed a Spatial Planning Act for the EEZ and The Netherlands is close to adopting a similar plan.

In order to get an overview of all uses and planned activities in the trilateral off-shore areas, the WSF is to compile all available information on the use, projects and activities within the EEZ and will provide an overview by depicting the uses in maps and by utilising existing compilations.

Social Indicators

Demography Education, R&D Employment Health Housing Recreation Welfare

Economic Indicators

Value Added Growth Harbour Infrastructure Rural development Sea traffic Tourism

Ecological Indicators

Breeding birds Migratory birds Mammals Meadow birds Water quality Contaminants in bird eggs Air quality

4.4 Sustainability Indicators

With regard to contributing to a sustainable development in the Wadden Sea Region, the working group has identified overall sustainability objectives as well as sector-specific strategies for achieving these objectives. These have been laid down in the WSF final report "Breaking the Ice". As a second step, sustainability indicators were required to measure the actual status of sustainable development, as well as progress in achieving the objectives.

A set of indicators for the Wadden Sea Region would first of all con-

sist of region-specific indicators. However, indicators with a more general character were also needed. The indicators had to be indicative of the sustainability objectives, suitable for evaluating status and developments of the sector-specific sustainabilitystrategiesandrelevant for the whole Wadden Sea Region.

delivered a sustainability indicator tool for the WSF, comprising a three-level system of sustainability indicators with data from 2004 till 2006. After a temporary interruption of implementing the tool, the Forum secretariat is now updating and maintaining the data.

The indicator set is a tool for the WSF to communicate the developments in sustainability with so-called indexes to the Forum members for discussing the developments, for politicians and decision-makers in the Wadden Sea area regions and municipalities to know about the sustainability development trends. At present, In 2007, the consultant COWI the indicators are working as a test version. They may need further development or changes to work properly, including the issue of whether they really indicate "sustainable development" already.



4.5 Energy, Industry and Infrastructure

The WSF working group Energy, Industry and Infrastructure has compiled an inventory of energy and harbour related activities along the coast. The inventory provides information about running and planned projects in the Wadden Sea Region and is based on publicly available information. The table is maintained by the WSF secretariat and approved by the working group. Currently, the inventory encompasses about 150 entries. The inventory is available on the web site: www.waddensea-forum.org/ Specialissues/Inventory/Inventory Waddensea 2009-10.pdf

The WSF has initiated an inventory and analysis of all existing and planed power plants in the Wadden Sea Region and the southern North Sea EEZs of Denmark, Germany and The Netherlands. This also encompasses an evaluation and assessment of the potential impacts and economic consequences of the energy plants and related facilities.

The study analyzed the installed capacity in the WSR as well as the predicted developments, the energy sources, the development of wind farms and the CO₂ emissions. Additionally, the role of the WSR as energy exporter was discussed. This led to statements on effects on the employment market, infra-

impacts on the different sectors. The results show

- an expected drastic increase of ws region.html electricity production capacities bv 2020
- sions within the WSR by factor 3
- compared with the consumption
- enerav
- in the WSR
- eauipment
- resolution.

structure and harbors as well as on The study is available on the WSF web site: www.waddenseaforum.org/Specialissues/inventory

from 14.500 MW to 29.300 MW The study generated very worthwhile results and was warmly • an expected increase in CO₂ emis- welcomed in the Wadden Sea Region. In particular, the Wadden Sea • an increasing electricity export Advisory Boards and the Wadden Sea islands were interested in the an increasing share of renewable developments but worried about the impacts they may have on the new employment opportunities tourism sector and nature conservation. This has led to the request to • uncertainties with regard to discuss the most relevant energy isthe grid system and construction sues with experts and stakeholders in a wider context. Based on the • challenges for the WSF in conflict energy study, an international energy symposium was held on 26 November 2009 in Bremerhaven to provide more information and insights about topical energy issues, to support knowledge building across the sectors and stakeholders, to encourage the stakeholders to participate in an open dialogue and, to identify future work areas for the Wadden Sea Forum. The following topical issues were discussed and analyzed:

- Status and development of energy production and distribution in the Wadden Sea Region:
- EU energy market and EU policies for developments Electricity production in the Wadden Sea Region;

- by fossil energy
- by wind energy
- by other renewables and CHP;
- Electric grid on- and off-shore: current status, obstacles and new developments;
- CO₂ emissions and Carbon Capture & Storage, CCS.

In conclusion, the symposium was an excellent forum for an expert knowledge exchange and an open dialogue about the development of the energy market in the Wadden Sea Region. The development will as legal basis and framework have effects on the whole Region, including the Trilateral Cooperation Area. The WSF will participate actively in further energy activi-

ties, aiming at a well-balanced development. The presentations can be found on the WSF web site: www.waddensea-forum.org/WGs/ EII/WG EII Symposium.html

Recently, the working group also concentrated on harbour developments and related activities. Two new Forum members from Groningen Seaports and Brunsbüttel Ports delivered further expert input. An important issue was the development of a harbor concept along the Wadden Sea coast to minimize the impacts on the environment but also to strengthen the development possibilities for small harbors. The example of the port concept Lower



Elbe, encompassing the harbours of Hamburg, Stade, Cuxhaven Glückstadt and Brunsbüttel, was a start for continuing the discussion on this issue. Relevant themes are cooperation in logistics, marketing, infrastructure, waste and toxics disposal and nautical adjustments, as well as control systems.

4.6 Shipping

Clean shipping

Due to increasing goods transport by vessels, emissions from shipping are increasing. Emissions of oxides of nitrogen, sulphur dioxide and soot particles contribute to air pollution. The working group worked

on measures to reduce emissions and welcomed the IMO decision to ban heavy fuel oil from 2020 on (2015 North Sea).

Shipping safety

The shipping group was actively elaborating on safety. including control systems and towing capacity. According to the statements in the Schiermonnikoog Declaration, the WSF supports work on these outline themes

- spatial planning in the Exclusive Economic Zone (EEZ);
- day-to-day joint cooperation in the framework of the DenGerNeth-Plan:

- appropriate emergency towing and pollution response capacities;
- practical implementation of the Places of Refuge;
- harmonization of the no-specialfee-system;
- aerial surveillance in the relevant coastal areas and the EEZ.

In cooperation with the working group ICZM, spatial planning in the EEZ is going to be further studied. Invited external experts from Groningen Seaports and Shipping authorities contributed to knowledge exchange and information supply to deepen the issue and to undertake activities by the Forum and working group.



Fishing for Litter

Despite many initiatives to reduce marine litter it remains one of the most significant environmental problems affecting the marine environment. About 20,000 tonnes of litter is dumped into the North Sea alone every year.

The group contacted KIMO Interna- well as on safe container shipping tional for further information about and it was agreed to collaborate "KIMO's Fishing for Litter", which more closely on these issues. is an initiative that aims to reduce marine litter by involving one of the **Container shipping** key stakeholders, the fishing industry. The litter has to be disposed from the Institute of Shipping Ecoof in the fishing harbours without nomics and Logistics, Bremen to any fee. The secretary of KIMO discuss the business of container

international was invited to give a presentation about the project as

The shipping group invited an expert

shipping and impacts on the environment of loss of containers with dangerous cargo. The focus was on practicable methods for determining the weight of containers accurately and lashing deck containers securely on board the ship. Furthermore, packing within the container itself had to be controlled. Some improvements were needed to information services, for instance route advice and use of wave radar to reduce a KIMO resolution with regard loss of containers was working group and the WSF. The Netherlands. This was also stated in writing to the ministries in the three countries At the Wadden Sea Conference on as well as to the EU Commission.

PSSA Evaluation

The Marine Environment Protection Committee (MEPC) of the International Maritime Organization (IMO), in October 2002 designated major parts of the Dutch, German and field' situation. The chair of the Danish Wadden Sea as a Particularly Sensitive Sea Area (PSSA). The area designated as a PSSA is basi-

cally the marine area of the Wadden and support the evaluation proclosses. Furthermore, Sea Conservation Area, being the ess. The WSF contributed to the Wadden Sea National Parks in Germany and the Wadden Sea nature in proposals concerning the further protection areas in Denmark and

> Schiermonnikoog, 2005, the designation of the Wadden Sea as a PSSA was recognized and it was decided to evaluate before the 2010 Wadden Sea Conference the effectiveness of the Wadden Sea PSSA, including the 'level playing working group was nominated as a member (observer) in the steering group PSSA evaluation to oversee

process, which is expected to result development of the PSSA at the 2010 Ministerial Conference.

4.7 Goose Management

Background

international workshop on geese management was held in Ribe. regional compensation schemes for The workshop, organized jointly by the Environment Centre Ribe, the Wadden Sea Forum and the Com- to create a goose management mon Wadden Sea Secretariat, was working group under the umbrella attended by some 30 representa- of the Wadden Sea Forum. tives from science, agriculture, nature conservation societies, and responsible authorities. The presentations and tionally significant populations discussions focused on the current of six native species of geese. situation in the Wadden Sea region One (possibly two) of these also with regard to geese damage,

of goose species and, most of all, on best practice solutions for handling geese grazing on farmland. On 19-20 November 2008 an Several options for managing geese populations and national and farmers were presented and evaluated. Finally, the Workshop agreed

Introduction

The Wadden Sea hosts internabreed natively. However, the vast development of the populations majority of the Wadden Seageese are

quests from Arctic breeding areas, crossing political borders in a predictable and cyclic way. The Wadden Sea countries have the responsibility to protect these populations. This includes providing habitats of sufficient size and quality to sustain viable populations.

However, the upsurge in goose numbers has caused increasing conflicts agricultural interests and geese foraging in farmland areas inside the dikes. Since geese are highly mobile and cross political borders, effective management needs a regional (international) approach. Various management tools and economic



incentives have been used to change of knowledge and cross areas using political, ecological portance.

The status quo reflects large discrepancies in management objectives and tools used between countries. To improve the management schemes, strategic planning, ex-

most of the activities have been lo-

cal/national and, so far, there has

been no coordination between the

Wadden Sea countries.

To avoid further conflicts, the most routes and stopover sites in the feasible solution is an internationally coordinated and integrated outside. The network of go- and management plan which rests on a no-go-areas would be sustained spatial setup, where the management is differentiated according schemes and locally measures to to the priority of areas. Such an ensure the functionality of the are-

reduce the goose damage; however, border cooperation is of great im- and agricultural criteria, and then designating a network of management areas along the migratory Wadden Sea, and where possible by agri-environmental payment approach depends on identifying as. In order to protect the geese as



regional ecosystem component, and to solve the conflicts with the encompasses a common vision agricultural sector by involving and objectives, an inventory of the the farmers in cross-border goose goose populations and feeding aremanagement schemes, the WSF as, current measures and relevant • to continue the work of the is publishing a recommendation agri-environmental schemes as and guidance document for the well as management perspectives creation of a trilateral goose and recommendations.

a natural asset and an important management plan in close collaboration with the TWSC. The document

The guidance document will be presented separately with the WSF final report at the TGC-11 in 2010.

Recommendations

To protect the geese as a natural asset and an important ecosystem component and to solve the conflicts with the agricultural sector by the integration of the farmers in cross-border goose management schemes, which includes a proper compensation for their management efforts, the WSF and the Goose Management Group recommend

goose management group in collaboration with the TWSC by implementing a joint project to

elaborate a common goose management plan and to oversee information and knowledge exchange as well as coordinate research and monitoring programs;

- to use the recommendation and quidance document as a basis for implementing the joint project and when possible, as a basis for decisions being taken before the goose management plan is complete;
- to develop agri-environmental payment schemes to minimize natural beauty and assets of the Wadden Sea:

- to agree on an ICZM and spatial as well as agricultural and other society interests jointly;
- and to strive for mutual under standing (horizontal interaction) with the farmers in the Wadden Sea Region.

4.8 Maritime Spatial Planning

The EU Integrated Maritime Policy (IMP) has established itself as or research policy have all made the conflicts with the agricultural a new approach to the optimal sector, which has a stake in the sustainable development of all integration and consistency. sea-related activities. EU institutions, Member States and regions

have set-up governance structures approach to combine all efforts to ensure that policies related to to improve goose conservation the seas are no longer developed in isolation and take account of connections and synergies with other • to encourage an open dialogue policy areas. Cross-sectoral tools such as Maritime Spatial Planning (MSP), integrated surveillance or marine knowledge have registered tangible progress and should lead to substantial improvements in the way we manage our oceans. EU sectoral policies, like fisheries, transport, environment, energy, industry substantial strides towards greater



The Blue Paper (an Integrated Maritime Policy for the European Union) identified the need for cross-cutting tools to underpin the IMP, such as: maritime spatial planning, integrated surveillance, and the building of a marine knowledge base.

Increased activities on Europe's seas lead to growing competition for limited marine space. MSP is a key instrument to balance sectoral interests and achieve sustainable use of marine resources with the ecosystem-based approach as the underpinning principle. It is a process that provides a stable, reliable and focused planning framework for public authorities

of marine space to benefit eco- Commission during 2009. nomic development and the marine environment.

ciples in the EU" in 2008. It sets the conservation area. out 10 key principles and seeks common approach among Member States encouraging the implementation of MSP at national and EU areas. A draft Spatial Plan for the level. Stakeholders from all relevant Dutch EEZ will soon come into maritime sectors endorsed the force alongside an existing one for 10 key principles as appropriate, Germany. The WSF emphasised comprehensive basis for the devel- how its strategies should comple-

planning meetings likely to affect MSP activities to ICZM. the Wadden Sea and its off-shore

and stakeholders to coordinate opment of MSP at European level ment MSP and this will be further their action and optimize the use in discussions organised by the developed in the future. Areas of concern included shipping routes and shipping safety, off-shore wind The WSF was involved in the EU farms, sand extraction for coastal MSP process and will develop an protection and adaptation to The Commission adopted the information scheme containing all climatechange, nature conservation "Roadmap on Maritime Spatial relevant off-shore uses and plans with regard to Marine Protected Planning: Achieving Common Prin- which also could have effects on Areas (MPAs) and fisheries. Within the WSF, the working group ICZM will play a leading role in the MSP to discuss the development of a The WSF has been involved in EEZ business and will also aim to link

4.9 Gastronomy Award

The basic idea of implementing the Gastronomy Award is to promote a spirit of cooperation between neighbours in countries throughout the Wadden Sea Region – to be free from national frontiers. Another aim is to introduce regional products and high quality regional cuisine to the general public, so adding another element to draw tourists and visitors to the Wadden Sea Region. The international Gastronomy Award will take place in Denmark alongside the Wadden Sea Festival and Ribe city 1300 years anniversary in 2010. Recently, new activities have started to bring the respon-

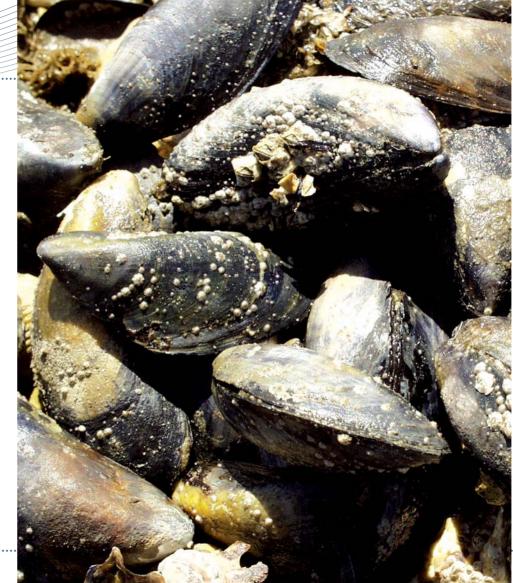
sible groups together. The WSF will The qualification will be judged on support the event through coordination and implementation.

The 2010 award builds on the • the percentage of certified raw successful ideas of earlier similar events, and adds new ideas.

The main agreed objectives are

- to strengthen the network between the area's restaurants:
- to create an interaction between the region's food producers;
- to highlight the area's many creativity, originality and restaurants:
- to provide inspiration for the joint presentation and overall development of the profession. Participants will be restaurants located in the Wadden Sea Region of The NL, Lower Saxony, SH and Denmark.

- the percentage of local products used:
- materials from the region, like "Vadehavsguld" (Wadden Sea Gold) in Denmark and "Waddengoud" in Holland;
- the degree to which local food traditions have been incorporated;
- the taste of the menus;
- dissemination:
- impression:
- the adaptation of rules agreed on earlier.



The gastronomy award will serve the tourism industry in the Wadden Sea Region and could be further used in a tourism and marketing strategy for the World Heritage Site. With the aim of promoting the Wadden Sea Region, its uniqueness, the Heritage and regional products, the WSF will support the implementation of the International Gastronomy Award as well as the preparing regional contests, if enough interest is expressed by both the restaurants and their regional representations in all WSR countries. This will also have positive effects on tourism development and is linked to the promotion and marketing of the Wadden Sea World Heritage Site.

4.10 Wadden Sea World **Heritage Site**

The Wadden Sea Forum recognized the outstanding universal value of the Wadden Sea and has supported its inscription on the World Herof the district authority Aurich, "Wadden Sea World Heritage com-

participated in the World Heritage Committee meeting in June 2009 in Seville to follow up the presentation and decision about the inscription of the Dutch-German Wadden Sea on the World Heritage List.

itage List. Stakeholders and repre- Following the decision, the Forum The integration of the WSF in the sentatives of the regional and local agreed to take responsibility governments contributed to the promoting the Wadden Sea World field mission in September 2008 Heritage Site and contributing to its involvement of stakeholders outand expressed their support for preservation by the stakeholders. side the tourism sector and supfuture management and protec- After the decision in Seville, two ports a common promotion. tion. Additionally, the stakeholders TWSC working groups have been informed their organizations about set up to further the communicathe process and the outstanding tion and marketing of the Wadvalues with regard to the criteria. den Sea World Heritage Site. One A member of the Forum, the head stakeholder group will develop a

munication and marketing strategy" and a Tourism Strategy Group will develop a strategy for sustainable tourism. The WSF secretariat is involved in these groups and is representing the Forum.

development of a sustainable tourism strategy quarantees the



OUTLOOK AND FUTURE TASKS

The Wadden Sea Forum has initiated The following section briefly activities and projects to contribute to the environmental friendly to be further developed. development of the Wadden Sea Region as well as to supporting the preservation of the Trilateral Cooperation Area.

The Forum and its working groups will continue in the framework of the MOU, which needs to be extended into the next trilateral period, to fulfil the outlined tasks and to make a success of the collaboration with the TWSC. Many of the activities are still in an initial phase and need continuity to make significant progress.

describes the themes and projects

The WSF intends to put more value on and to further improve the "forum aspect" of its work, i.e. the mutual exchange of information, ideas and visions within the plenary and the working group meetings. Whenever possible and requested by all sectors involved, a platform for discussions and negotiations on conflict issues will be provided. The WSF will also strive to improve cooperation with the Wadden Sea Advisory boards and organizations such as KIMO and Euregio die Watten.

Information exchange as well as advice in both directions will support common goals, which will become even more important with the development of a sustainable tourism strategy.

Sustainable development is a precondition to save our natural assets. The Wadden Sea coastal zone is under rapid development. Harbour extension, construction of wind farms, new infrastructure facilities like pipelines and cables crossing the Wadden Sea, increasing ship traffic, tourism and coastal protection by large-scale sand nourishments are developments

which need to be balanced. The The WSF will further develop ICZM Wadden Sea Region.

new coal power plants and off-shore For a sustainable development of the WSR it will be necessary, aim for horizontal cooperation. This will better integrate experts from all sectors as well as all responsible ministries and authorities.

WSF will prepare advice for the implementation, adapted to the TWSC on matters regarding sus- Wadden Sea Region. This aims at tainable development within the a land - sea interaction, a linkage between the coast and off-shore areas. A sound transboundary cooperation, particular in off-shore besides a vertical cooperation to areas, also needs to be further developed, taking into account the various EU directives. This will also improve the knowledge exchange at EU level, which will become





in the ICZM process.

cooperation with the TWSC (ecological indicators). The aim is to use these as a tool for testing whether in the region. The tool will deliver progress or regress of sustainability region. This development will its natural assets. of the defined regions, including definitely lead to consequences information about specific weaknesses and strengths.

and impacts, both positive and For a sound information and

more important in the future. A guite new issue, which becomes and harbour industries. Therefore, Finally, proven ecological quality more and more important, is the the WSF will initiate activities or objectives will be taken on board further focus on Maritime Spatial projects examining the conse-Planning (MSP) as an instrument in guences of developing the energy Integrated Maritime Policies (IMP) market in the Wadden Sea Region Established sustainability indicators on a trilateral level. The increasing and EEZs. In the future, however, will be further developed and if uses of the EEZ further off-shore it is the intention of the WSF to put necessary improved in close of the protected Wadden Sea while a particular emphasis on the issues retaining the available space need of renewable energies, sustainable common coordination and solutions grids and energy efficiency. The for implementation. The energy mid-term goal is to establish a glothere is a sustainable development symposium of November 2009 has bally valued example for a climate shown the dramatic development friendly economy in the region annual information about the on the energy market in the coastal which is in line with safeguarding

> negative, on the region, the envi- knowledge base, the database ronment and sectors like fisheries about energy, industry and harbour



which do not value whether an for, the PSSA Wadden Sea. activity is sustainable or not, deliver an overview about the main
Initiated by the agricultural sector, the economic developments and can WSF published a recommendation be used as background information and guidance document for a in management plans and measures trilateral goose management plan along the coast.

Shipping safety was and will be an tionists, administrations and goose important issue within the Forum. scientists. It is anticipated that Therefore, the WSF will continue WSF will work together with the to expand its interest in shipping TWSC on the finalization of such a safety issues with a particular goose management plan, to protect view on the avoidance of further the geese and to minimize damage risks related to offshore activities, and loss to agriculture. This will on container shipping, on the minimize the conflicts between the designation of new traffic separa- farmers and nature conservation.

related activities along the coast tion schemes and on the further will be extended. The statistics, development of, and awareness

> on the basis of a joint understanding of farmers, nature conserva-





RECOMMENDATIONS

Overarching

It is recommended

- to acknowledge the WSF final report as a wortwhile contribution to the sustainable management and development of the Wadden Sea Region;
- work of WSF in collaboration with the TWSC, and for this purpose to adopt a follow-up of the MOU between the TWSC and the WSF ICZM for 2011 - 2013:
- to agree on the role of the WSF the Trilateral Wadden Sea as advisory board for the TWSC with regard to sustainable development of the WSR:
- to support the "forum-aspect" a national level staff position

- exchange of information, ideas and visions within the plenary and the working group meetings;
- whenever possible and requested by all stakeholders concerned, to act as as a platform for developing conflict solutions;
- to support the continuing future to increase the involvement of all relevant ministries in the work of the WSF.

It is recommended that

- Cooperation is committed to integrate the ICZM approach and the EU principles in their work;
- of the WSF, i.e. the mutual is created with strong political

backing to increase horizontal cooperation between the ministries.

Shipping

With regard to the PSSA evaluation, the WSF supports the recommendations to

- extend cooperation and collaboration between responsible bodies, experts and stakeholders;
- extend the monitoring of shipping issues/events using existing data with relevance for the Wadden Sea within TMAP:
- to raise the level of awareness and education of the PSSA, i.e. to specifically inform all ships entering/approaching the PSSA;



- develop a risk assessment for the Southern North Sea with comparable methods and as an adaptive approach (for example, as in the Baltic);
- to develop a northern Traffic Separation Scheme (TSS) west of Schleswig-Holstein and Denmark.

Energy, Industry, Infrastructure It is recommended

- to further develop a Wadden Sea harbour concept utilising the experience gained from the harbour concept of Lower Elbe;
- to continue the debate about a sustainable energy supply and distribution in the WSR by building on the base established by the

WSF energy symposium and the European climate goals;

Goose Management It is recommended

- to continue the work of the goose management group in collaboration with the TWSC by implementing a joint project to develop a common goose management plan;
- to make use of the recommendation and guidance document as a basis for the implementation of the joint project;
- to improve and/or develop agrienvironmental payment schemes to minimize the conflicts with the agricultural sector and take an unfair burden away from

some farmers who support the geese on behalf of society as a whole;

- to aim for a spatial approach and to adopt the concept of "Go- and No-Go-Areas" for geese, with support for geese and their management in the Go-Areas with deterrent policies in No-go areas to discourage the geese from settling there.
- to encourage an open dialogue and to strive for good dialogue (horizontal interaction) with the farmers in the Wadden Sea Region.



ANNEX 1 WSF MEMBERS

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Chairman Jörn Klimant. Head of District Authority Dithmarschen, German

	Denmark	Schleswig-Holstein	Niedersachsen	The Netherlands
Agriculture	Kristen Fromsejer De Danske Landboforeninger Erik O. Petersen Dansk Familielandbrug	Melff Melffsen Susanne Werner Bauernverband Schleswig-Holstein e.V.	Erich Hinrichs Landwirtschaftlicher Hauptverein Ostfriesland	Hilbrand Sinnema Jurjen Kingma NLTO
Tourism and Recreation	Poul Therkelsen Tourism Office Fanø Henrik Hansen Friluftsrådet	Jutta Albert Tourismus- und Stadtmarketing	Hans Janssen Gemeinde Langeoog	Martin Loos NNWB Steef Engelsman ANWB
Nature and Environmental Protection	Soeren Vinding The Danish Society for Nature Conservation	Hans-Ulrich Rösner WWF- Wattenmeerbüro	Holger Wesemüller EUROPARC Deutschland e.V Nadja Ziebarth BUND	Herman Verheij Waddenvereniging Hans Revier Seas at Risk

	Denmark	Schleswig-Holstein	Niedersachsen	The Netherlands
Fisheries	Jesper J. Larsen Esbjerg Fiskeriforening	Andries de Leeuw Landesverband S-H Angler und Fischer e.V.	Philipp Oberdörffer Landwirtschaftskam- mer Weser Ems	Cora Seip-Markensteijn Dutch Fish Product Board
1.13.16.163	Henrik S. Lund Danmarks Fiskeriforening	Knud Bußmann Landesvereinigung der Erzeugerorgani- sationen	Manuela Gubernator NdS Muschelfischer	
Industry and Harbor	Vacant	Frank Schnabel Brunsbüttel Ports GmbH Peter Becker IHK Flensburg	Hans Werner Rothkopf Jan Amelsbarg IHK Ostfriesland und Papenburg	Rene Genee Groningen Seaports
Energy	Vacant	Werner K. Schuhbauer RWE Dea AG Matthias Hüppauff-Jakober Wirtschafts- förderungsgesells- chaft Nordfriesland	Gerd Töpken Statkraft Markets GmbH	Eric Dorenbos NAM B.V. Margriet Kuijper NAM B.V.

	Denmark	Schleswig-Holstein	Niedersachsen	The Netherlands
Regional Government Authority	Karsten Uno Petersen Region South Denmark Thyge Nielsen Ribe Amt	Dieter Harrsen Kreis Nordfriesland Jörn Klimant Kreis Dithmarschen	Walter Theuerkauf Landkreis Aurich Bernhard Bramlage Landkreis Leer	Tineke Schokker Dutch Wadden Sea Provinces Douwe Hollenga Provincie Groningen
The Wadden Sea Municipalities	Jens Andresen Thomas Holst Christensen Erik Norreby Fanø Kommune	Helge Janssen Gemeinde Rantum	Ludwig Salverius Stadt Norderney	Albert de Hoop Gemeente Ameland Joke Geldorp- Pantekoek Gemeente Texel
Advisory Board (observer)	Karen Boel Madsen Fanø Kommune	Jörn Klimant Kreis Dithmarschen	Vacant	Margreeth de Boer Wadden Sea Advisory Council Jacoba Westinga Wadden Sea Advisory Council

	Denmark	Schleswig-Holstein	Niedersachsen	The Netherlands
State Government Authority (Observer)	John Frederiksen Ministry of the Environment, Environment Centre Ribe	Klaus Koßmagk- Stephan Landesamt für den Nationalpark S-H Wattenmeer Bernd Scherer Ministerium für Umwelt, Naturschutz und Landwirtschaft Jacobus Hofstede Ministerium für Landwirtschaft, Umwelt und ländliche Räume, SH	Hubertus Hebbelmann Umweltministerium Theodor Schröder Nationalpark- verwaltung Nds. Wattenmeer	Bernhard Baerends Min. Landbouw Natu- urbeheer en Visserij
		Federal: Christiane Stefanie He Bundesminis Naturschutz		



ANNEX 2 MOU

MEMORANDUM OF UNDERSTANDING

between the Wadden Sea Forum and the Trilateral Wadden Sea Cooperation 2008 - 2010

1. The Partners

Trilateral Wadden Sea Cooperation The Trilateral Wadden Sea Coop-(TWSC), established in 1978 as a cooperation between the governments of Denmark, Germany and The Netherlands, aims to protect the Wadden Sea as a shared nature area of world-wide importance in particular through the Shared Principles including the Guiding Principle, the Targets, the common policies and management and the integrated monitoring and assessment programme.

Wadden Sea Forum

The Wadden Sea Forum (WSF), established in 2001, is an independent platform of stakeholder organisations in the Wadden Sea Region, aiming at finding a balance between different interests in the Wadden Sea Region. To this end the WSF will

- exchange information on experiences and best practice with regard to and foster sustainable development in the Wadden Sea Region:
- try to bring together the sectoral interests of its members:
- exchange views on general themes and topical issues:

- prepare advice on issues related to sustainable development and integrated coastal zone management;
- initiate and implement projects and actions on topical issues;
- serve as consultation body for governments.

2. Purpose and Basic Principles

2.1 The purpose of this Memorandum of Understanding (MOU) is to establish a working arrangement between the Wadden Sea Forum (WSF) and the Trilateral Wadden Sea Cooperation (TWSC).

mutual acknowledgement by the ground information to the TWSC, WSF and the TWSC of the Shared either upon request by the TWSC Principles including the Guid- or upon the initiative of WSF meming Principle, the Shared Vision, ber organisations, in particular: and the Targets, as laid down in the Wadden Sea Plan, respecting the existing protection levels and ensuring economic development and quality of life.

3. Working Agreement

Consultation and Advice

3.1 For the purpose of this Memorandum the WSF will serve as independent trilateral advisory and consultation body to the TWSC. To this end the WSF will prepare

2.2 The MOU is based on the relevant statements and back-

- The WSF will be consulted and prepare advice on matters regarding sustainable development of the Wadden Sea Region:
- The WSF will be consulted in the framework of the further development of the Wadden Sea Plan, the draft Declaration of the 2010 Wadden Sea Conference, national ICZM strategies and other issues of relevance for the Wadden Sea Region in so far this is within the mandate of the TWSC:

- Wadden Sea advisory bodies and Annex 1 (not in this document). submit the results to the TWSC on a regular basis.
- **3.2** For the purpose of this Memo-Representation randum the WSF will deliver a re- 4.1 The WSF chairperson will, on port on the outcome of its work to behalf of the WSF, be an Advisor the 2010 Wadden Sea Conference in the Wadden Sea Board, to be 4.3 The WSF-members and the as a follow up of the "Breaking the" established after the conclusion of TWSC-parties will bear the costs of Ice" encompassing proposals for the evaluation of the TWSC. Forum a WSF secretariat, as laid down in sustainable development of the members will, if appropriate, have Annex 2 with the basic contribution Wadden Sea Region.

Work Programme

relevant input by the regional agreement of the MOU, which is in working groups, associated with

4. Responsibilities

- the opportunity to present views of the TWSC not exceeding annuon specific matters to the TWSC.

• The WSF will discuss and inte- covering the period of the MOU and ers in WSF plenary meetings, and grate, to the extent possible, reflecting the purpose and working as full members of relevant WSF the common activities in BI of the work programme referred to in Article 3.3. National representatives may participate in all other working groups.

Facilitation

ally 30,000€ not excluding the possibility for the partners to add **3.3** The parties will base them- **4.2** National representatives of the additional financing at a later point selves on the work programme. TWSC will participate as observ- or for specific activities. The WSF covered by the CWSS.

- **4.4** The WSF secretariat will op- on 31 December 2010. erate independently of the TWSC and will refer directly to the WSF chairperson. The secretary of the CWSS oversees the functioning of the WSF secretariat.
- 5. Evaluation and Coming into Effect and Expiry
- 5.1 This Memorandum and the arrangements established in accordance herewith will be evaluated in the period with a view to its continuation after 2010.

secretariat will be hosted in the 5.1 This Memorandum will come Heide, 22 May 2008 CWSS office and overhead costs into effect on the date of the Dr. Jörn Klimant, signature by the parties.

5.2 The Memorandum will expire Dithmarschen, Chairman WSF

Head of County Council On behalf of the Wadden Sea Forum

Bonn, 27 May 2008 Dr. Flsa Nickel Deputy-Director General Federal Ministry for the Environment, Nature Conservation and Nuclear Safety Directorate Nature Conservation and Sustainable Use of Natural Resources On behalf of the Trilateral Wadden Sea Cooperation

WADDEN SEA FORUM MADDEN SEV LOUND

www.waddensea-forum.org