

Wadden Sea Board

**WSB 13
28-29 January 2015
Wilhelmshaven**



Agenda Item:	5
Subject:	Workshop implementation trilateral Fish Targets
Document No.	WSB 13/5.6
Date:	21 January 2015
Submitted by:	CWSS

Attached is a brief report of the trilateral workshop on the implementation of the trilateral Fish Targets.

Proposal: **The meeting is invited to note the information and to discuss the proposals contained in the report**

Background

In § 28 of the Tønder Declaration it was agreed to

*“**Acknowledge** the importance of fish for the Wadden Sea ecosystem and therefore **instruct** the WSB to work on the further implementation of the trilateral fish targets of the Wadden Sea Plan.”*

As a first step to the further implementation of the fish targets, as well as to collect and analyse material for the 2016 QSR, the CWSS, the Programme towards a Rich Wadden Sea (PRW) and the Thünen Institute of Sea Fisheries (TI) conducted a workshop focusing on the **“Conservation Management of Fish Populations in the Wadden Sea”** at the TI in Hamburg on January 8-9 2015.

Fifty-seven participants from various sectors (science & research, policy, management and fisheries) discussed options for the implementation of the trilateral fish targets (participant list as ANNEX I). Ten presentations on fish in the Wadden Sea displayed a broad range of topics, from single projects to results of long term monitoring programmes (Workshop programme in ANNEX II).

As an interactive part of the event, participants discussed the following topics, addressing the implementation of trilateral fish targets in two parallel sessions:

1. Stocks: status and trends; drivers
2. Habitat: diversity; relationship fish-habitat
3. Nursery areas: a question of availability or changes in fish behavior?
4. Fish migration: Fish migration: trends in species distribution and pathways of migration.

Outcome of the Workshop

The participants agreed on the need for enhanced cooperation between the different actors involved and on an intense information exchange to further utilize the experience and knowledge of local fishermen.

Also, ideas for trilateral research needs, necessary for developing suitable monitoring concepts were addressed.

There was, furthermore, intensive discussion on how best to raise awareness of this important component of the ecosystem amongst policy makers, managers and the public.

Recommendations

The workshop unanimously recommended to investigate the option of developing a so-called trilateral “Swimway Vision”, in analogy to the flyway-vision, as an integrated trilateral approach to implementing the fish targets, through investigating, monitoring, managing and communicating Wadden Sea fish ecology matters. The swimway vision should focus on both migratory species, such as the sturgeon, and important commercial species such as the herring.

The aim should be to have the Swimway Vision signed by involved stakeholders, including managers in the field, the fisheries sectors, waterboards, researchers and local and regional authorities, at the 2018 Wadden Sea Conference.

Proposal

The Wadden Sea Board is invited to instruct the Secretariat, in close cooperation with the Task Group Management, to further elaborate the Swimway Vision concept.

ANNEX I

Conservation Management of Fish Populations in the Wadden Sea, 8-9 January 2015, TI Hamburg

LIST OF PARTICIPANTS

Last name	First name	Organization
Abel	Christian	Nationalparkverwaltung Nieders. Wattenmeer
Asmus	Harald	AWI Sylt
Berkenhagen	Jörg	TI Seefischerei
Borchardt	Stephanie	IHF Universität Hamburg
Borcherding	Rainer	Schutzstation-Wattenmeer
Breckling	Peter	Deutscher Fischereiverband
Buitjes	Henk	Viskotter ZK37
Dänhardt	Andreas	IHF Universität Hamburg
Dau	Kirsten	NLWKN – Niedersachsen
de Jong	Folkert	CWSS
Fock	Heino	TI Seefischerei
Friese	Julia	IHF Universität Hamburg
Goth	Simone	CWSS
Gröger	Joachim	TI Seefischerei
Hammann	Sven	TI Seefischerei
Haslob	Holger	TI Seefischerei
Hufnagl	Marc	IHF Universität Hamburg
Huisman	Jeroen	VHL University of Applied Sciences
Jager	Zwanette	ZiltWater Advies
Jepsen	Niels	DTU Aqua
Klöpper	Sascha	CWSS
Knefelkamp	Britta	MELUR - Schleswig-Holstein
Koßmagk-Stephan	Klaus	Nationalparkverwaltung S.-H. Wattenmeer
Kouwenhoven	Angelo	Ministerie van Economische Zaken
Kraus	Gerd	TI Seefischerei
Liebich	Viola	WWF
Machura	Susanne	
Meyer	Julia	Senckenberg am Meer
Neudecker	Thomas	TI Seefischerei
Oberdörfer	Philipp	Erzeugergemeinschaft Deutscher Krabbenfischer
Otto	Thurid	GEOMAR Kiel
Philippart	Katja	NIOZ
Probst	Nikolaus	TI Seefischerei
Pusch	Christian	BfN Vilm

Rispens	Johan	Viskotter ZK18
Rodenburg	Barbara	Goede Vissers
Rösner	Hans-Ulrich	WWF
Scheiffarth	Gregor	Nationalparkverwaltung Nieders. Wattenmeer
Schermer Voest	Wilbert	Ministerie van Economische Zaken
Scholle	Jörg	Bioconsult Bremen
Schückel	Sabine	Bioconsult Bremen
Schückel	Ulrike	Senckenberg am Meer
Schulte	Katharina	TI Seefischerei
Schultz	Sebastian	TI Seefischerei
Schulze	Torsten	TI Seefischerei
Sell	Anne	TI Seefischerei
Temming	Axel	IHF Universität Hamburg
Thiemann	Kirsten	Schutzstation-Wattenmeer
Tulp	Ingrid	IMARES
van der Heij	Wouter	Waddenvereniging
van der Veer	Henk	NIOZ
van Es	Kees	PRW
Verheij	Herman	Waddenvereniging
Vorberg	Ralf	Marine Science Service
Walker	Paddy	PRW
Wanningen	Herman	PRW
Wätjen	Kai	AWI Bremerhaven

ANNEX II

Conservation Management of Fish Populations in the Wadden Sea

8-9 January 2015 - TI Hamburg

programme

8 th January 2015	
09:00 - 10:00	Registration & Reception with coffee and tea
10:00 - 10:30	Welcome addresses by the organisers
10:30 - 12:00	Presentations: 10:30 Paddy Walker (NL) - Aiming for the Fish Targets 10:50 Andreas Dänhardt (D) - The bigger picture: supplementing established monitoring surveys with habitat-specific occurrence of fish in the WS 11:10 Katja Philippart/Martin Baptist/Henk van der Veer (NL) - Fish, food webs and freely available data 11:30 Barbara Rodenburg (NL) - How to include fishermen's knowledge in management
12:00 - 13:00	Lunch
13:00 - 14:00	Presentations: 13:00 Torsten Schulze/Katharina Schulte (D) - Fishing effort in the Wadden Sea - Difficult estimates in dendritic landscapes 13:20 Ingrid Tulp (NL) - Trends in fish in Dutch waters 13:40 Holger Haslob (D) - Demersal young fish survey in German waters
14:00 - 14:30	Introduction to group work by the organisers
14:30 - 17:00	Group work - two parallel sessions (including coffee/tea break): 1. Stocks: status and trends; drivers 2. Habitat: diversity; relationship fish-habitat
17:00 - 18:00	Plenary presentation of group work
18:00 - 19:30	Poster session with 2-min poster pitches & reception
9 th January 2015	
09:00 - 10:00	Presentations: 09:00 Niels Jepsen (DK) - Salmon, Sea trout and Houting in the Danish Wadden Sea - Management and challenges 09:20 Axel Temming (D) - Fisheries, climate and marine mammals conspire to challenge the paradigm of non-management of brown shrimp 09:40 Herman Wanningen (NL) - Fish Migration River project Afsluitdijk & Swimway Concept Wadden Sea
10:00 - 12:30	Group work - two parallel sessions (including coffee/tea break): 3. Nursery areas: a question of availability or changes in fish behaviour? 4. Fish migration: Fish migration: trends in species distribution and pathways of migration
12:30 - 13:30	Lunch
13:30 - 15:00	Plenary presentation of group work & Analysis
15:00 - 15:30	Wrap-up & Closing