

**Wadden Sea Board**

**WSB 13**

**28-29 January 2015**

**Wilhelmshaven**

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**Agenda Item:** 5

**Subject:** Workshop implementation trilateral Fish Targets

**Document No.** WSB 13/5.6

**Date:** 21 January 2015

**Submitted by:** CWSS

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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 implemtation 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

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|  |  | 8th 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** | |

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|  |  | 9th 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):   1. Nursery areas: a question of availability or changes in fish behaviour? 2. 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** | |