



NORTH SEA BALLAST WATER

CaTO

North Sea Ballast Water Opportunity (NSBWO)

Incorporating international impact from drafting proposal through project into the future

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WHAT DID WE DO AND HOW ?

Started at drafting the proposal

Seek support from the international arena & stimulate bonding

Incorporate visions from the international arena in the proposal

Maintain the international network & invite participation throughout the project period

Set future targets to further the international impact

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WHAT IS NSBWO ABOUT?

Background:
Ships carry ballast water to maintain stability and draught
Discharge of Ballast Water threatens biodiversity

The
IMO, UN Agency for Shipping, adopted
the Ballast Water Management Convention (BWMC, 2004)
Requiring adequate BW Management and policies

Rationale:
The North Sea region hosts extensive expertise in
adequate scientific, technological and political expertise
is considered one ecological zone
and is densely shipped



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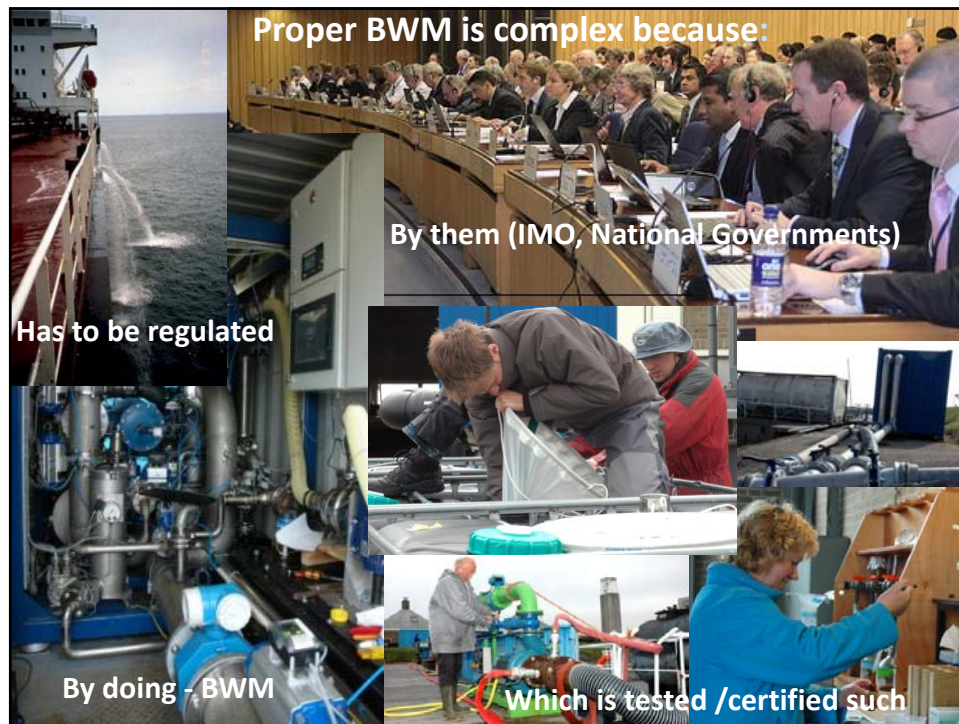



Why is ballast water such Problem?











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As a result:

we drafted a proposal

by a team consisting of partners

from a number of North Sea countries

and three from international bodies

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Since the start of the project we:

- maintained the international bonding strategies
- invited more international contacts to
 - link to the project
 - attend our meetings, present ideas & wisdom.
- presented the project and its outcome at a wide range of international meetings.
- Aid others to learn from our experience in involving SME's

And set some targets to carry our ideas into the future

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WHAT HAS NSBWO ACHIEVED?

- regional cohesion in ballast water management
- Stimulated ratification of the BWMC
- Used its Wide Network of Internationally-based NSBWO Participants
- Aided international policy developments

Others can use such mechanisms too!

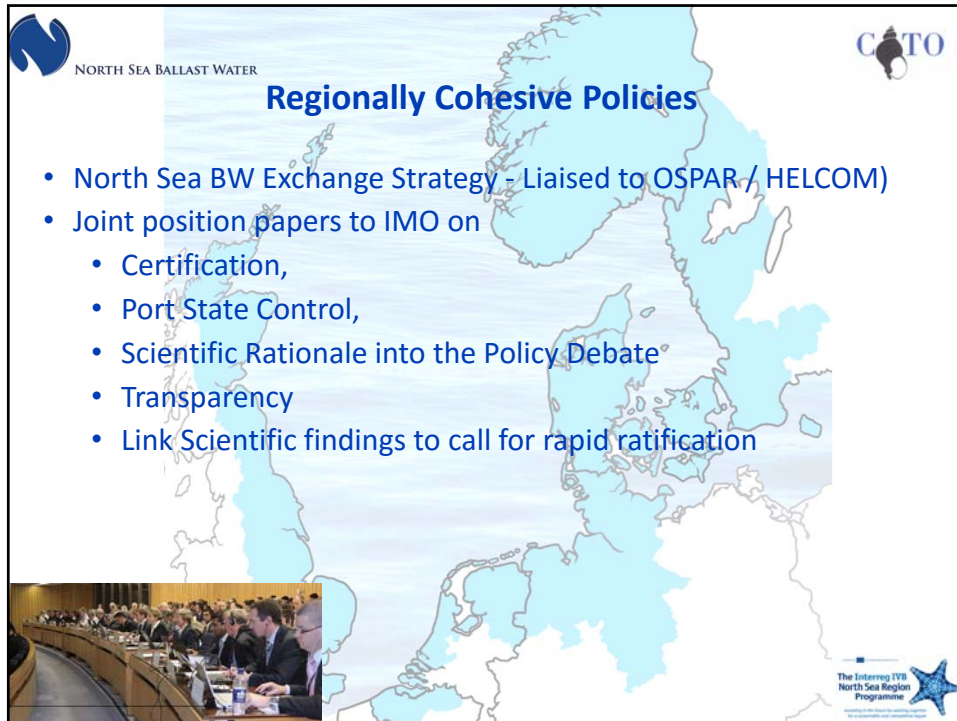
- Liaise with Governments, NGOs -



HENCE NSBWO COULD CREATE INTERNATIONAL IMPACT BY


Embracing International Project Participants:

- In the seven North Sea countries:
- Governments, NGOs (Environment), Scientific Institutes, Ports / Shipping Bodies, Technology Industries
- International Organisations (World Maritime University (WMU), IMO Model Course developer (ProSea), IMarEST, IUCN, ICES (IGOs)



Regionally Cohesive Policies

- North Sea BW Exchange Strategy - Liaised to OSPAR / HELCOM)
- Joint position papers to IMO on
 - Certification,
 - Port State Control,
 - Scientific Rationale into the Policy Debate
 - Transparency
 - Link Scientific findings to call for rapid ratification



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Boosted Innovation: Based on the Triple Helix

- International conferences and workshops:
 - Enhanced co-operation on cutting-edge BW science
 - Stimulated international exchange between technology developers: *Private – Public Partnerships*
 - Scientific methodologies for international policies
- International development of Future Strategies
 - Prevention of impact by invasive species
 - Early Warning of threatening invasions
 - Three new BW Test Institutes, one on barge
 - Port Contingency initiative






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Liaised with International Bodies

- European Maritime Safety Agency (EMSA)
- International Maritime Organization (UN)
- IMO-UNDP-GEF Project GloBallast

Liaising outside the North-Sea Region

- Different US Authorities
- Europe: Finland, Ireland, France, Turkey, Lithuania, Russia
- Other parts of the world: South Africa, Singapore, republic of Korea





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Liaised with International Target Groups

- Shipping:
 - Organising NSBWO-Europort 2011 ('BWM: Threat or Treat')
 - NSBWO-Europort 2013 (Project Successes and Impact)
- Ports:
 - Organised Ports Workshop at NSBWO Annual Meeting 2012
 - Fed our work into Ports Expert group GloBallast
- Wider World:
 - Lectures, Interviews, Articles,
 - Joint workshops in different parts of the world




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Inspired full Transparency in International BWM policies

- Drew attention to International Instruments for transparency:
 - Aarhus Convention (UN-ECE)
 - Provisions in IMO-BWM policies
- Advocated Transparency in International Forums such as IMO
- Committed a study on participatory and transparent implementation of the BWM Convention
- Disseminating Project deliverables and expertise world-wide in a transparent way





NSBWO HAS SHOWN:
The North Sea Region can have a world-wide Impact on:

- **Maritime Policies**
 - As an Example of internationally Cohesive Policies
- **Innovation in Technology and Science**
 - By its internationally recognised Lead Role
- **Shipping – Maritime World**
 - Inspiring and Supporting International Cross-Sector Initiatives




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MANY THANKS FOR YOUR ATTENTION



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Programme

Investing in the future by working together
the governments and the European Union