

Shipping activities in the TWSC

Online session for
WSB members
19 Nov 2020



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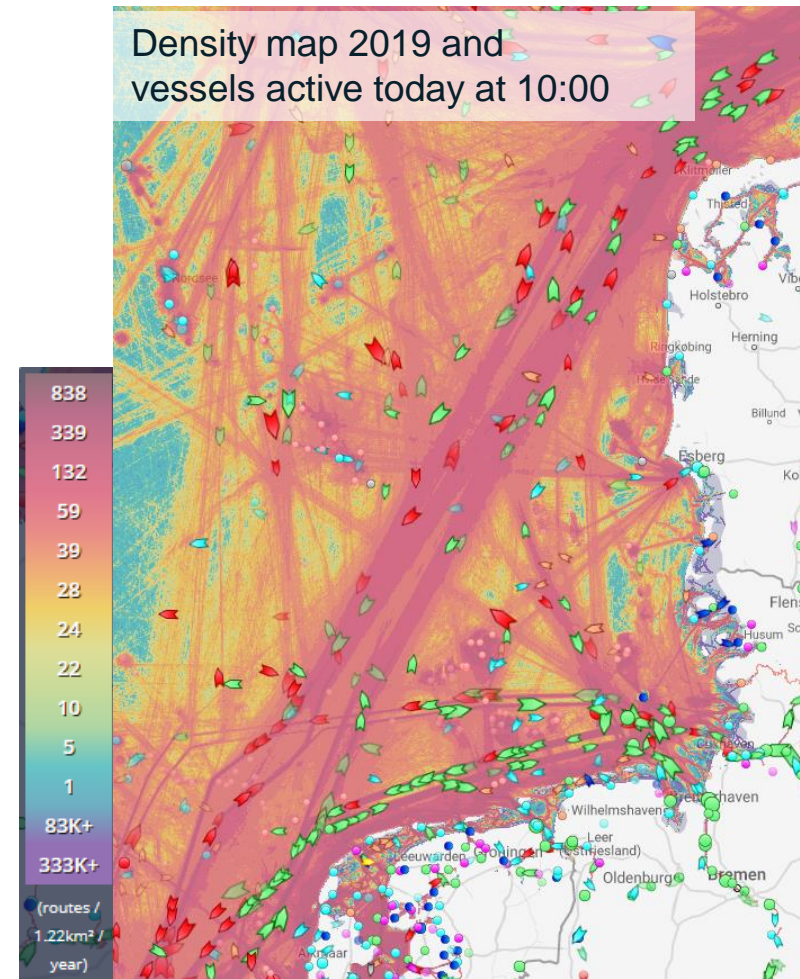
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Shipping and Ports in the TWSC

- High social and economic importance, among the busiest areas, Wadden Sea is sensitive to the impact from shipping
- It is considered among the priority issues for TWSC but sensitive and challenging
 - i.a. PSSA 2002, WSP, Sylt Declaration 2010, Tønder Declaration 2014, and SOUV
 - Addressed in the past in i.a. TG-Shipping and Shipping Group of the WSF
- Increasing concerns of the society of the Wadden Sea Region about negative impacts of the shipping business expressed by WSF, WST, Advisory Boards



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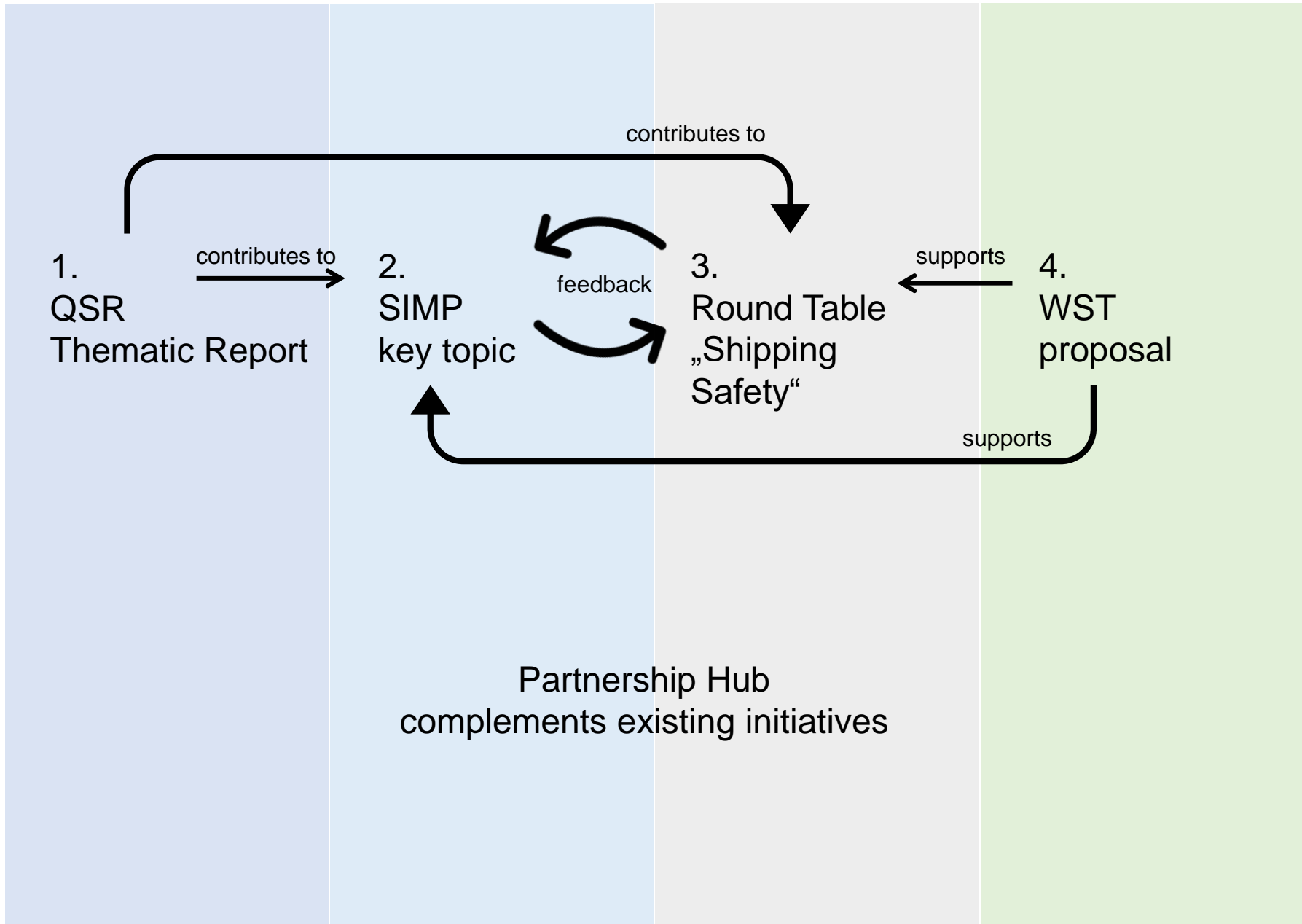


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Shipping and Ports Activities in TWSC

| | 1. QSR Thematic Report | 2. SIMP key topic | 3. Round Table „Shipping Safety“ | 4. Partnership Hub - WST proposal |
|-----------------|--|---|--|---|
| who | CWSS, TG-MA, TG-M, authors | CWSS, TG-WH, TG-M, RT | WSF with support of TG-M and CWSS | Partnership Hub general role and WST proposal |
| Roles/ Tasks | <p>CWSS coordinates the QSR development and communication with support of TG-MA in consultation with TG-M</p> <p>QSR author provides:</p> <ul style="list-style-type: none"> • Status and trends • Assessment: conflicts of shipping and the OUV, opportunities, status of implementation of PSSA (expert assessment and in coordination with SIMP) • Recommendations | <p>TG-WH oversees the overall SIMP development.</p> <p>TG-M is responsible for the topic shipping and ports (esp. Concept on Awareness and Education), supports the development of the content of the SIMP key topic and the RT.</p> <p>CWSS coordinates the development of the content of the SIMP (based on QSR, common ground and legal framework, coordinates with RT, PH).</p> <p>SIMP benefits from the RT's discussions on potential activities/procedures/agreements to improve the exchange and coordination in shipping and ports' matters.</p> | <p>WSF organising and conducting:</p> <ol style="list-style-type: none"> 1. Stakeholder analysis 2. Interviews with selected stakeholders prior to the round table meeting on <ul style="list-style-type: none"> - Expectations - Aims - Motivations 3. Conducting a survey with identified stakeholders on <ul style="list-style-type: none"> - Expectations - Aims - Motivations - Who else to invite 4. Drafting a composition | <p>PH is in a pilot phase and follows a pragmatic approach. It explores initiatives, supports, assembles and facilitates the communication within the Partnership with the aim of achieving common projects to sustain the Outstanding Universal Value of WSWH and to enhance ownership.</p> <p>Task: at this stage the PH offers support to the further development and implementation of the WST project proposal. The PH will also try to complement existing efforts with the aim of supporting further joint activities.</p> |

Shipping and Ports Activities in TWSC



Round Table „Shipping Safety“

Dr. Frank Ahlhorn

Managing Director

Forum for the trilateral Wadden Sea Region (WSF)

State-of-affairs – Round Table „Shipping Safety“

- Work started by Manfred Vollmer (retired since August 2020)
- Comprehensive Trilateral Stakeholder Analysis (under the auspice of the Lower Saxon National Park Authority Wadden Sea):
 - More than 50 stakeholder groups identified
 - Governmental bodies on different levels
 - Non-governmental bodies, e.g. related to nature, shipping, ports, pilots, etc.
 - Selected telephone and live interviews (in-depth)

State-of-affairs – Round Table „Shipping Safety“

- **Preliminary** results of the online survey:
 - Responders: 20 out of 50 (40%)
 - 40% (green) NGO
 - 35% Government
 - 25% Associations/Organisations
 - Basic attitude: cooperation and collaboration
 - Main items mentioned:
 - Information exchange
 - Raise mutual understanding
 - Jointly improve Wadden Sea protection
 - Balancing of economic development and ecologic preservation

State-of-affairs – Round Table „Shipping Safety“

Preliminary suggestion for the composition of the Round Table “Shipping Safety”

1. Getting
 - acquainted
 - updated
2. Information on
 - SIMP & World Heritage site
 - MSC Zoe
3. Identify urgent matters

| No. | Status | Institution | Country |
|-----|-------------------|--|-------------|
| 1 | Government | Danish Naval Command | DK |
| 2 | Government | Ministry of Environment and Food of Denmark | DK |
| 3 | Government | Danish Maritime Authority | DK |
| 4 | Government | DanPilots | DK |
| 5 | Government | Dutch Coast Guard | NL |
| 6 | Government | Ministry for Infrastructure and Water Management | NL |
| 7 | Government | Rijkswaterstaat Noord-Nederland | NL |
| 8 | Government | Havariekommando | D |
| 9 | Government | Bundesministerium für Verkehr und Digitale Infrastruktur (BMVI) | D |
| 10 | Government | Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU) | D |
| 11 | Government | Niedersächsisches Ministerium für Umwelt, Energie, Bauen und Klimaschutz (MU) | D |
| 12 | Government | Ministerium für Energiewende, Landwirtschaft, Umwelt, Natur und Digitalisierung (MELUND) | D |
| 13 | Government | Wasserstraßen- und Schifffahrtsverwaltung (WSV) | D |
| 14 | Association | Bundesverband der See- und Hafenlotsen | D |
| 15 | Municipalities/NP | Omgevingsberaad Waddengebied | NL |
| 16 | Municipalities/NP | Nds. | D |
| 17 | Municipalities/NP | SH | D |
| 18 | Advisory | Counseling Danish WS | DK |
| 19 | Shipowner | NL? | NL |
| 20 | Shipowner | VDR | D |
| 21 | Shipowner | Danish Shipping | DK |
| 22 | NGO's | Wadden Sea Team | Trilateral |
| 23 | Ports | Cooperation of Wadden Sea Harbours | Trilateral? |
| 24 | | Janne Liburd (chair) | Trilateral |
| 25 | | Frank Ahlhorn (secretary) | Trilateral |

Marine Perrin

Law of the Sea and Maritime Activities Masters Programme

University of Nice

INTERNSHIP SHIPPING AND PORTS



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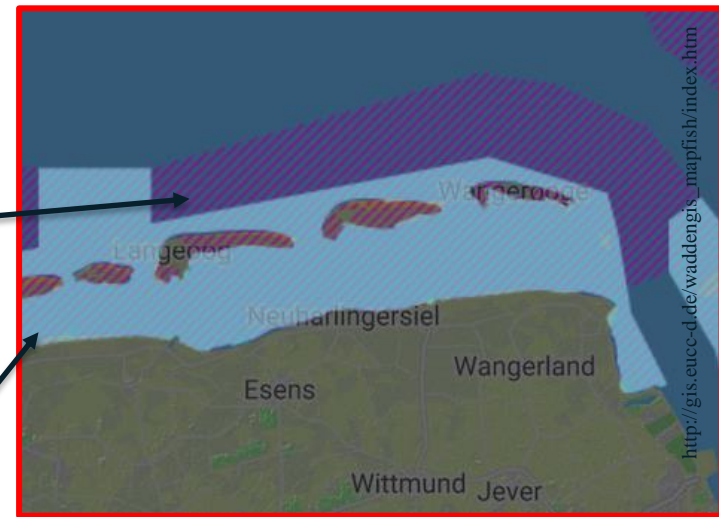
Mission: Creating a database on shipping and ports regulations in the Wadden Sea

Various uses (for example):

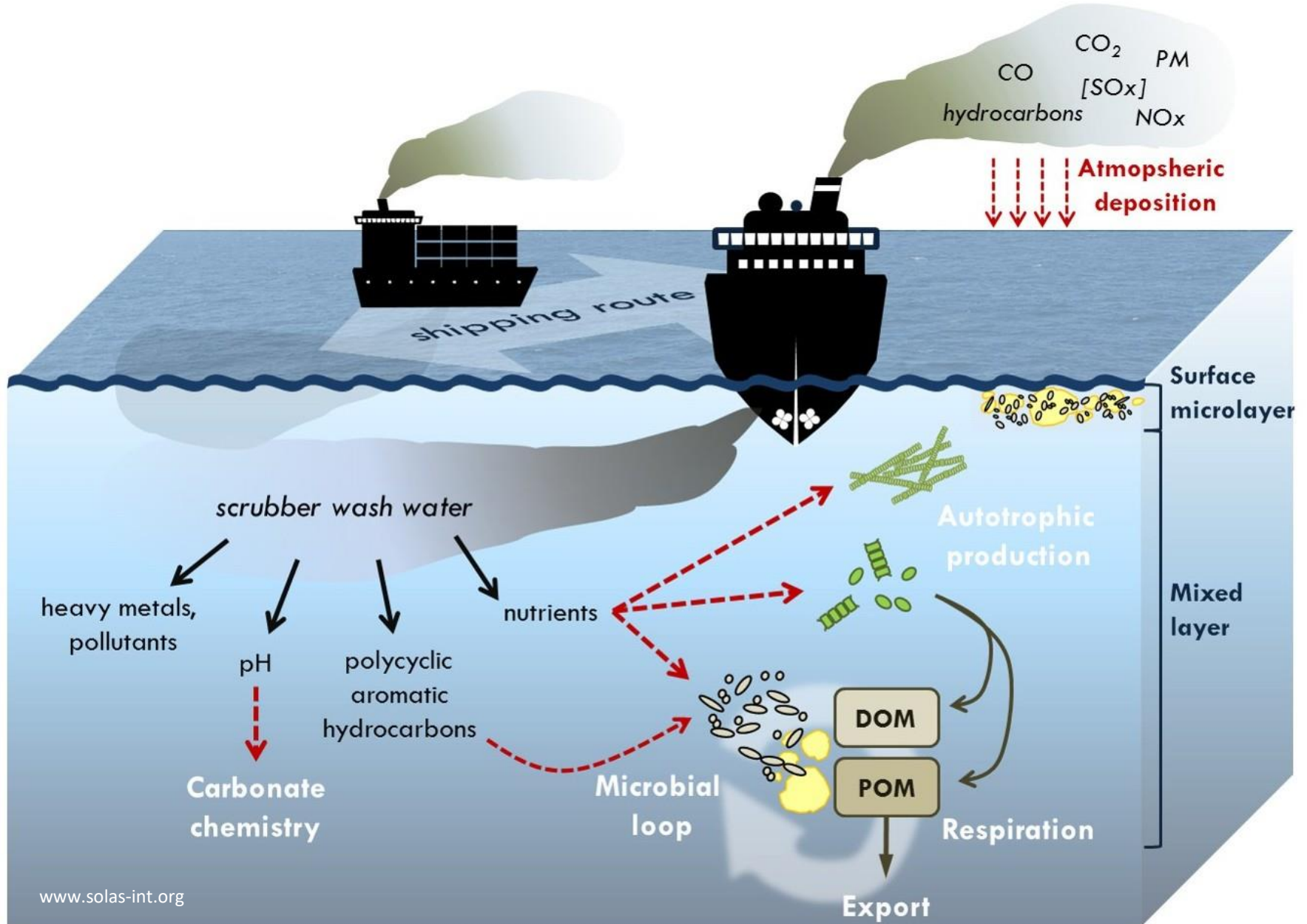
- Overview of the legal framework in the 3 Wadden Sea countries from the international to the local level
- To understand the implementation/transposition of international level tools into national/local regulations.
- Understand and visualise the regulations applied in the different areas of the Wadden Sea

 National Park
Wadden Sea Lower Saxony
Legal reference : Gesetz über den Nationalpark „Niedersächsisches Wattenmeer“ (NWattNPG)

 Wadden Sea
Particularly Sensitive Sea Area
Legal reference : Resolution MEPC 101(48)
Identification of the Wadden Sea as a PSSA



- Base for reflexion:
E.g. of the issue regarding “open loop sulphur scrubbers” in the Wadden Sea



→ The legal database is a support to identify regulations connected to one issue which could potentially be more efficiently addressed through a common dynamic between the three Wadden Sea countries.

| Category | | Regulation applicable | General description | More info |
|--|--|--|--|---|
| The Netherlands | Environment | Wet voorkoming verontreiniging door schepen | Prevention of Pollution from Ships Act. Refers to MARPOL, SOLAS and UNCLOS | More info (english version) |
| | | Regeling voorkoming verontreiniging door schepen | Regulations for prevention pollution from ships. Refers to the Decree on Prevention of Pollution from Ships, EU Directives 2016/802/EU, 2005/35/EC, 2014/90/EU, Regulation (EU) 2015/757, Regulation 1757/2013, Regulation (EC) 782/2003, the IMDG Code (International Maritime Dangerous Goods Code) and several resolutions of the IMO. | More info (english version) |
| Germany | General / other | Verordnung über das Befahren der Bundeswasserstraßen in Nationalparks im Bereich der Nordsee (NPNordSBefV) | Ordinance on navigating federal waterways in national parks in the area of the North Sea. The marine area of the German part of the nominated property is federal waterways. Navigation is hence to be regulated by Order of the Federal Minister for Traffic. The order establishes speed limits for navigation in the National Parks and closed areas comprising of seal haul out sites, and breeding and moulting areas for birds. | More info |
| | Environment | Gesetz über Naturschutz und Landschaftspflege (Bundesnaturschutzgesetz - BNatSchG) | Federal Nature Conservation Act. Forms in the Federal Republic of Germany the legal basis for the protected goods nature and landscape and the measures of nature protection and landscape management. | More info |
| | | Verordnung über das umweltgerechte Verhalten in der Seeschifffahrt (See-Umweltverhaltensverordnung - SeeUmwVerhV) | Ordinance on environmentally friendly behavior in shipping. It regulates requirements for environmentally friendly behavior in shipping and penalizes violations of these requirements as administrative offenses, in particular violations of regulations of the MARPOL Convention, AFS Convention (International Convention on the Control of Harmful Anti-fouling Systems in Ships) and Ballast Water Convention. | |
| | Safety | Verordnung über die Küstenschifffahrt (KüSchV) | Ordinance on coastal shipping | More info |
| | Safety of shipping + Environment | Verordnung über die Beschaffenheit und die Auszeichnung der Qualität von Kraft- und Brennstoffen (BImSchV) | Ordinance on the composition and labeling of the quality of fuels. It contains provisions for protection against harmful environmental effects caused by combustion residues in the fuel. In addition, it stipulates uniform labeling of the fabrics. | More info |
| Niedersachsen | Environment | Gesetz über den Nationalpark „Niedersächsisches Wattenmeer“ (NWattNPG) | Law regarding the Wadden Sea National Park in Lower-Saxony. It is the most important basis for the protection Wadden Sea in Lower Saxony | More info |
| | Safety + Ports | Verordnung über die Verwendung von schwefelhaltigen Schiffskraftstoffen in Seehäfen | Regulation on use of sulfur-containing marine fuels in seaports | More info |
| Hamburg | Environment | Gesetz über den Nationalpark Hamburgisches Wattenmeer - HmbGVBl. 1990, S. 63 | Law regarding the Wadden Sea National Park in Hamburg. It is the most important basis for the protection of the Wadden Sea in Hamburg | More info |
| | | Hamburgisches Gesetz über Schiffsabfälle und Ladungsrückstände (Hamburgisches Schiffsentsorgungsgesetz - HmbSchEG) - HmbGVBl. 2002, S. 343 | Hamburg Law on Ship Waste and Cargo Residues (Hamburg Ship Disposal Law - HmbSchEG) | More info |
| | Safety + Environment | Gesetz über die Verwendung von schwefelhaltigen Schiffskraftstoffen - HmbGVBl. 2010, S. 385 | Law regarding the use of sulfur-containing marine fuels | More info |
| | | Anordnung zur Durchführung des Gesetzes über die Verwendung von schwefelhaltigen Schiffskraftstoffen - Amtl. Anz. 2015, S. 1697, 1699 | Ordinance implementing the law regarding the use of sulfur-containing marine fuels | More info |
| Schleswig-Holstein | Environment | Gesetz zum Schutze des schleswig-holsteinischen Wattenmeeres (Nationalparkgesetz - NPG) | Law regarding the protection of the Wadden Sea National Park in Schleswig-Holstein. It is the most important basis for the protection Wadden Sea in Schleswig-Holstein | More info |
| | | Gesetz zum Schutz der Natur (Landesnaturschutzgesetz - LNatSchG) | Law for the protection of Nature. With this law, regulations are made that supplement the BNatSchG (Bundesnaturschutzgesetz) or deviate from it while observing certain rules and principles. | More info |
| Denmark | Environment | Order No. 1542 on prevention of air pollution from ships and platforms - 2015 | This order aims to prevent air pollution from ships and platforms and covers Danish ships in Danish and international waters, foreign ships in Danish territorial waters, platforms in Danish territorial waters and in the exclusive economic zone. Refers to the Act on Protection of the Marine Environment. | |
| | | Bekendtgørelse af lov om beskyttelse af havmiljøet - 2017 | Marine Protection Act (No. 116, 2017). This Act sets regulations for the protection of the marine environment and with the purpose of restricting and preventing marine pollution. The Act applies to vessels, vehicles, platforms and the likes operating in the Danish maritime area and implements the requirement for compliance on their machinery and equipment which may eventually pollute the sea. Certain maritime zones are subject to restrictions in view of pollution from oil, hazardous substances, sewage and wastewater, discharge... It implements EU Directive 2002/59/EC establishing a Community vessel traffic monitoring and information system, EU Directive 92/43/EEC (Habitats Directive), the EU Directive 2009/16/EC on port State control, EU Directive 2004/35/CE on environmental liability with regard to the prevention and remedying of environmental damage | More info |
| | Safety | Order No. 1008 on Notice F from the Danish Maritime Authority, technical regulation on the construction, equipment, etc. of small commercial vessels - 2014 | Latest updated version of the Notice F on technical regulations on the construction, equipment etc of small commercial vessels. Refers to the Act on Safety as Sea. | |
| | | Order No. 1512 on Notice B from the Danish Maritime Authority, the construction and equipment, etc. of ships - 2016 | Implements parts of the International Convention on safety of Life at Sea (SOLAS). Refers to the Act on Safety at Sea. | |
| | | Order No. 1039 on marine equipment - 2015 | This order concerns the implementation of EU Directives now repealed and replaced by the EU Directive 2014/90/EU on marine equipment and the implementation of Directive 2002/84/EC amending Directives on safety at sea and on prevention of pollution by ships. Refers to the Act on Safety at Sea. | |
| | Safety + Environment | Order No. 422 on marine equipment - 2016 | This order concerns the implementation of Council directive 2014/90/EU on marine equipment and repealing Council directive 96/98/EC. Refers to the Act on Safety at Sea as well as to the Order No. 1039 on marine equipment (2015) | |
| Order No. 1098 on the sulphur content of solid and liquid fuels - 2010 | | This order lays down limits for the sulphur content in certain solid and liquid fuels, including fuels used on board ships and on offshore platforms, as well as regulations for the use of said fuels, and for marketing marine fuels. It refers to the Act on the protection of the environment, the Environmental protection Act and the MARPOL Convention | | |
| | Bekendtgørelse om svovlindholdet i faste og flydende brændstoffer - 2019 | Executive Order on the sulfur content of solid and liquid fuels. Establishes new requirements regarding sulphur content of solid and liquid fuels. | | |

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Below additional slides that might help answer questions

10 OUV key values



Defined in the Climate Vulnerability Index analysis and used in the SIMP