



Baltic Sea Region MSP Data Expert Sub-Group 1st meeting

01-02/10/2015
Radisson Blu Hotel Latvija
Elizabetes iela 55
Riga, Latvia

CURRENT STATUS of MSP DATA USE IN BSR COUNTRIES

- The representatives of each BSR country gave a short presentation about their approaches of data use in MSP about data needs, data ownership and availability, as well as data accessibility. VASAB Secretariat has prepared a general overview about common problems and challenges according to presentations.

Country	<i>Short description needed where relevant</i>			
DATA issues				
	Updating	Collecting or processing	Existence of Information	No-digitalised data
Denmark	<i>Regular checking is provided whether the particular dataset is of interest or not. Particular data is stored by data owner and the owner is responsible for data quality and updates.</i>	<i>Danish law of MSP prescribes institutions to deliver data to MSDI. Agencies made up by themselves which datasets are relevant for MSP.</i>		
Estonia	<i>Data about submarine cables and pipelines is not correct, sometimes out-of-date.</i>	<i>Local governments provide planning data which don't have database or structure (unstructured GIS data, differ from each other). Problem is to collect private data (e.g., tourism related data of AIS on little boats, small harbours) – some raw data is available but not</i>	<i>Info and data about Nature conservation at national level has sufficient quality. Geological mapping has been started for all EE, not all area covered yet (fragmented), the scale sometimes is not usable for</i>	...

		<p><i>processed. Data of Fisheries and Ecology are scientific data – no problem to gather, but sometimes not always in a form planners want to.</i></p>	<p><i>planners. Information and data of Climate change is poor (available data on sea level rise, other issues are not observed).</i></p> <p><i>Other insufficient data - ship and other wrecks on the seafloor, sunken hazardous substances, fish migration, coastal erosion.</i></p> <p><i>There is poor info and data on dredging and dumping areas due to the lack of information what are the needs.</i></p>	
Finland		<p><i>Spatial Data inventory in Gulf of Finland- first attempt to identify data sources.</i></p> <p><i>Although data is available, data has been collected for different purposes and there is a lot of processing needed to prepare data valuable for MSP use.</i></p> <p><i>Information and data about Aland islands has been collected independently due to Finnish spatial planning system (local governments in their spatial plans include</i></p>	<p><i>Bathymetry and seabed morphology/substrate data are restricted by the Territorial Surveillance Act and only coarse scale data is publicly available – that makes data modelling complicated.</i></p> <p><i>Important information is available from investment projects (e.g. Nord Stream) within their environmental assessments.</i></p>	<p><i>Some data is still only on paper and need to be digitalized</i></p>

		<i>adjacent Territorial waters); however MSP data exchange methods are still under development.</i>		
Germany Data needs – transboundary issues	<p><i>BSH in its SDI has collected information and data of others institutions responsibility for MSP purposes – some data is not updated, some revisions and updates have been started.</i></p> <p><i>Mostly communication cables are not inventoried (beyond BSH competence).</i></p>	<i>Lot of data has been made accessible for planning needs and also taken from several investment projects.</i>	<p><i>Shipping info – the routes and type (cargo, pleasure, passenger, fisheries).</i></p> <p><i>Strong economic targets for offshore energy, as well as grid connection points on the land.</i></p> <p><i>Scattered info – dumping grounds, munitions, seabed integrity destroyed by dumped material.</i></p> <p><i>Information on Underwater heritage is poor due to the lack of responsible institution for UWH in EEZ; coastal states report and help to identify the sites.</i></p> <p><i>Additional info from industrial associations – trends, interests, areas.</i></p> <p><i>Info and data from environmental assessments (for single private commercial activities) - not public available while project is not finished</i></p>	

Lithuania		<p><i>Necessary information and data was collected for MSP development.</i></p> <p><i>Information of LT Department of Statistics will be used for MSP monitoring.</i></p>		
Latvia <i>Data needs – transboundary issues</i>	<p><i>Most data (fisheries, tourism, oceanographic info, ecology, geology) is collected for MSP elaborating purposes – after compiling the data hasn't updated since then.</i></p> <p><i>Information about existing cables may not correspond real situation.</i></p>	<p><i>Tourism related AIS data - has not obtained and processed yet.</i></p>	<p><i>Info and data about Marine protected areas has sufficient quality.</i></p> <p><i>Info and data about offshore wind energy is poor due to uncertainty of sector targets and development.</i></p> <p><i>Data on submarine heritage and ecology is fragmented.</i></p> <p><i>Borders between LV - SWE EEZ and LV - LT EEZ are not in force.</i></p>	<p><i>Dumping and dredging information is not digitalised</i></p>
Poland			<p><i>Data and information has been collected to prepare "Study on the conditions (and directions) of Spatial Development for Polish Sea Areas" (Maritime Institute of Gdansk).</i></p>	
Russia <i>Needs – MSP legislation, define</i>		<p><i>Spatial Data inventory in Gulf of Finland in cooperation of EE, RUS and FIN - first attempt to identify</i></p>		

responsible institution for MSP; Data & info compilation; pilot projects		<p><i>data sources.</i></p> <p><i>There is no responsible ministry for MSP and no structured information what kind of MSP info or data institutions have.</i></p>		
<p>Sweden</p> <p>Data needs – future targets/future needs for sectors</p>		<p><i>“Current status report” compiles layers of data sets needed for MSP (available in English).</i></p>	<p><i>There is a wide range of data-sets related to MSP. Data on Aquaculture sector is not compiled yet.</i></p> <p><i>National interests and future developments for sectors will be prepared till March 2016.</i></p>	
Data Accessibility				
	Existing data exchange infrastructure, database etc.		Data accessibility behind the SDI	
Denmark	<p><i>Danish Maritime Spatial Data infrastructure and its GIS outcome “The Blue Danish sea map” (composed of datasets from 11 agencies on volunteer basis) followed by INSPIRE principles.</i></p> <p><i>According to agreement authorities (both public and private) that want services within the MSDI, pay an annual fee regardless if a participant provides data or not.</i></p> <p><i>Technical descriptions for data set establishment have been prepared.</i></p>		<p><i>Authorities which are not operating within the MSDI – (e.g., universities) contributes with relevant data to the MSDI, but do not use services from the MSDI (no financial agreement).</i></p> <p>Data accessibility behind Danish MSDI...</p>	

	<i>"Single point of contact", which the MSDI secretariat can refer to in case of technical problems for an authority.</i>	
Estonia	<p><i>Estonian spatial data infrastructure - Estonian National Geoportal - "gateway" through which spatial data that are owned by the Estonian state, local governments and other legal persons governed by public law are published and made available and reliable (the INSPIRE model).</i></p> <p><i>Also data from universities, institutes, international institutions, private sector (tourism, little boats) are included in Geoportal.</i></p> <p><i>Free for public (via online view-service); planners can have a data-base (download and transformation services will be done till February 2016).</i></p>	<i>Data accessibility behind Geoportal...</i>
Finland	<p><i>Several data portals exist but none especially dedicated to MSP:</i></p> <ul style="list-style-type: none"> - <i>Environmental Administration</i> - <i>National Land Survey</i> - <i>Geological Survey</i> - <i>Research projects</i> 	<i>The MSP data and information exchange solutions are under development.</i>
Germany	<p><i>GeoSeaPortal – Spatial data infrastructure of the BSH as the part of the National Spatial Data base for internal and external users. Consists a lot of data (compiled by BSH) – spatial planning data, navigation, shipping, human activities, spatial offshore grid plan, info from researches in which BSH takes part.</i></p> <p><i>MDI-DE is project developed internet portal that demonstrates data and information from the coastal engineering, coastal water protection and marine protection. Status?</i></p>	
Lithuania	<i>Lithuanian GIS – portal (INSPIRE directive tool) - covers little</i>	<i>MSP Data was collected once for MSP purposes.</i>

	<i>part of sea.</i>	
Latvia		<p><i>The data and information has been collected for MSP purposes (some data might be out of date since data has not been updated after compiling).</i></p> <p><i>Sea-GIS might be developed as the next step of the MSP process for future work.</i></p>
Poland		<p><i>MSP data was compiled for preparation of “Study on the conditions (and directions) of Spatial Development for Polish Sea Areas”</i></p> <p><i>No SDI for data exchange – are several geoportals (particular themes) for different purposes.</i></p>
Russia		<i>It is up to institutes to decide to share data or not.</i>
Sweden		<p><i>There is no SDI in the place – SWAM collects all MSP related information and datasets (Current status report) and compiles them into GIS map.</i></p> <p><i>Most info is available for free on institutions` webpages, online data bases etc.</i></p>
Data availability		
	Availability for free	Subject of fees
Denmark	<p><i>Within the MSDI all data are available only for MSDI users (11 agencies), but intention is to make data more available for public.</i></p> <p><i>Public data are available according to PSI Directive* *(Directive of Reuse of Public Sector Information)</i></p>	<i>For some dataset, which will be included in the MSDI, applies that they are priced, such as nautical chart data. It is the individual data owners that set the guidelines for use of their data including access criteria, payment models and international exchange (within the Agreement for MSDI services).</i>
Estonia	<i>Public data are available according to PSI Directive</i>	<i>Some data might be for fee – it is not discussed yet due to the lack of regulations.</i>

	<i>GeoPortal = Free for public (via online view-service); planners can have a data-base (download and transformation services will be done till February 2016).</i>	
Finland	<i>Public data are available according to PSI Directive</i>	<i>Modelling data of Finnish Meteorological Institute is subject of fee (e.g., currants).</i>
Germany	<i>Public data are available according to PSI Directive</i>	<i>Some BSH owned data can be viewed via GeoSeaPortal, but not downloaded due to data-use restrictions.</i>
Lithuania	<i>Public data are available according to PSI Directive</i>	
Latvia	<i>Public data are available according to PSI Directive</i>	<i>Most of Latvian Maritime Administration data are subject of fees (strict licencing restrictions) (shipping, maritime).</i>
Poland	<i>Public data are available according to PSI Directive</i>	<i>Collected data for preparing the "Study..." cannot be used for other purpose or MSP plan. (Private users can have data for fee)</i>
Russia	<i>Public data are available for public use only</i>	<i>It is up to institutions to decide to share data or not.</i>
Sweden	<i>Public data are available according to PSI Directive</i>	<i>Swedish Maritime Administration data are subject of fees (e.g., borders).</i>