

**Overview of operational marine data infrastructures  
with potential relevance to the MSP process**

MSP Data Study

<b>NAME</b>	<b>URL</b>	<b>TYPE</b>	<b>MSP THEMES</b>	<b>SCOPE</b>	<b>SCOPE KEYWORDS e.g. physics, chemistry, biology, fish stocks, habitats, ...</b>	<b>COVERAGE</b>
<b>World Ocean Database</b>	<a href="http://www.nodc.noaa.gov/OC5/WOD/pr_wod.html">http://www.nodc.noaa.gov/OC5/WOD/pr_wod.html</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology	Global
<b>Ocean Tracking Network</b>	<a href="http://oceantrackingnetwork.org">http://oceantrackingnetwork.org</a>	Data Catalogue	Describing the marine area	State of the biological, physical and chemical environment	Fish Tracking Data	Global
<b>GEBCO</b>	<a href="http://www.gebco.net">http://www.gebco.net</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Bathymetry	Global
<b>GLOSS</b>	<a href="http://www.gloss-sealevel.org">http://www.gloss-sealevel.org</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics (sea level)	Global
<b>ESPON 2013 Database</b>	<a href="http://database.espon.eu/db2/home">http://database.espon.eu/db2/home</a>	Data Portal  GIS Mapping Tool	Describing the marine area	Distribution of human activities	Human Activities	European
<b>EEA Database</b>	<a href="http://www.eea.europa.eu/data-and-maps">http://www.eea.europa.eu/data-and-maps</a>	GIS Mapping Tool  Data Portal  Data	Describing the marine area  Interactions in the marine area	Distribution of human activities  State of the biological, physical and chemical environment	Diverse	European

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		Catalogue				
<b>EMODnet Thematic lots</b>	<a href="http://www.emodnet.eu">http://www.emodnet.eu</a>	Data Portal  GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Physics, Chemistry, Biology, Geology, Bathymetry, Human Activities	European
<b>SeaDataNet</b>	<a href="http://www.seadatanet.org">http://www.seadatanet.org</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics , Chemistry, Biology, Geology, Bathymetry	European
<b>European Atlas of the Sea</b>	<a href="http://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/">http://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/</a>	Data Portal	Describing the marine area	Distribution of human activities  State of the biological, physical and chemical environment	Mostly Human Activities	European
<b>PANGAEA</b>	<a href="https://www.pangaea.de/about/">https://www.pangaea.de/about/</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology, Geology	European
<b>Eurostat Database</b>	<a href="http://ec.europa.eu/eurostat/data/database">http://ec.europa.eu/eurostat/data/database</a>	Data Portal	Describing the marine area	Economic value of human activities and the environment	Human Activities	European
<b>INSPIRE Geoportal</b>	<a href="http://inspire-geoportal.ec.europa.eu">http://inspire-geoportal.ec.europa.eu</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Diverse	European

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<b>ICES Data Portal</b>	<a href="http://www.ices.dk/marine-data/data-portals/Pages/default.aspx">http://www.ices.dk/marine-data/data-portals/Pages/default.aspx</a>	Data Portal  GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment	Biology, Chemistry, Physics	European
<b>Copernicus MEMS</b>	<a href="http://marine.copernicus.eu">http://marine.copernicus.eu</a>	Information Service	Describing the marine area	State of the biological, physical and chemical environment	Physics (data and models)	European
<b>Ireland's Digital Ocean</b>	<a href="http://www.marine.ie/Home/site-area/data-services/marine-data-centre">http://www.marine.ie/Home/site-area/data-services/marine-data-centre</a>	Data Catalogue  Data Portal  Information Service	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology, Geology, Bathymetry, Human Activities	Atlantic  National
<b>Marine Economic Data Portal</b>	<a href="http://www.nuigalway.ie/semru/marine_economic_data.html">http://www.nuigalway.ie/semru/marine_economic_data.html</a>	Data Portal	Describing the marine area	Social value of human activities and the environment  Economic value of human activities and the environment	Human Activities	Atlantic  National
<b>Portuguese Hydrographic Monitoring Network</b>	<a href="http://www.hidrografico.pt">http://www.hidrografico.pt</a>	Information Service	Describing the marine area	State of the biological, physical and chemical environment	Physics (data and models)	Atlantic  National

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<p><b>Spanish Harbours Authority</b></p>	<p><a href="http://www.puertos.es/es-es/oceanografia/Paginas/portus.aspx">http://www.puertos.es/es-es-oceanografia/Paginas/portus.aspx</a></p>	<p>GIS Mapping Tool</p> <p>Information Service</p>	<p>Describing the marine area</p>	<p>State of the biological, physical and chemical environment</p>	<p>Physics (data and models)</p>	<p>Atlantic</p> <p>Mediterranean Sea</p> <p>National</p>
<p><b>HELCOM Map and Data Service</b></p>	<p><a href="http://maps.helcom.fi/website/mapservice/index.html">http://maps.helcom.fi/website/mapservice/index.html</a></p>	<p>GIS Mapping Tool</p> <p>Data Portal</p>	<p>Describing the marine area</p> <p>Interactions in the marine area</p>	<p>State of the biological, physical and chemical environment</p> <p>Distribution of human activities</p> <p>Sensitivities</p> <p>Pressures resulting from human activities</p> <p>Social value of human activities and the environment</p> <p>Economic value of human</p>	<p>Physics, Chemistry, Biology, Geology, Human Activities</p>	<p>Baltic Sea</p> <p>Regional</p>

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				activities and the environment		
<b>Baltic Sea Bathymetry Database</b>	<a href="http://data.bshc.pro/about">http://data.bshc.pro/about</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Just bathymetry	Baltic Sea  Regional
<b>SMHI Open Data Catalog</b>	<a href="http://www.smhi.se/en/services/open-data">http://www.smhi.se/en/services/open-data</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics	Baltic Sea  National
<b>VELMU Dataportal</b>	<a href="http://paikkatieto.ymparisto.fi/velmu/">http://paikkatieto.ymparisto.fi/velmu/</a>	Data Portal  Data Catalogue	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Diverse	Baltic Sea  National
<b>SYKE Metadata portal</b>	<a href="http://metatieto.ymparisto.fi:8080/geoport/catalog/main/home.page;jsessionid=A611DE63E57530D36718810C8B4B15AF">http://metatieto.ymparisto.fi:8080/geoport/catalog/main/home.page;jsessionid=A611DE63E57530D36718810C8B4B15AF</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Diverse	Baltic Sea  National
<b>SEAGIS</b>	<a href="http://maps.seagis.org/">http://maps.seagis.org/</a>	GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human	Diverse	Baltic Sea

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				activities		
<b>Estonian Land Board Geoportal</b>	<a href="http://geoportaal.maaamet.ee/eng/Map-Server-p35.html">http://geoportaal.maaamet.ee/eng/Map-Server-p35.html</a>	GIS Mapping Tool	Describing the marine area	Distribution of human activities	Human Activities	Baltic Sea  National
<b>Lithuanian Planning Portal</b>	<a href="https://map.tpdr.lt/tpdr-gis/index.jsp?action=tpdrPortal&amp;reg_tpd_id=78440">https://map.tpdr.lt/tpdr-gis/index.jsp?action=tpdrPortal&amp;reg_tpd_id=78440</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Diverse	Baltic Sea  National
<b>Baltic Nest</b>	<a href="http://www.balticnest.org/balticnest/the_nestsystem.4.2beb0a011325eb5811a8000127598.html">http://www.balticnest.org/balticnest/the_nestsystem.4.2beb0a011325eb5811a8000127598.html</a>	Modelling Decision Support Tool	Describing the marine area  Interactions in the marine area  Integrated management	State of the biological, physical and chemical environment  Economic value of human activities and the environment  Sensitivities  Potential impacts and effects of human activities	Models for management	Baltic Sea  National

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				Interaction pathways		
				Integrated assessments to information management approaches		
<b>Geoseportal</b>	<a href="https://www.geoseaportal.de/gdi-bsh-portal/ui">https://www.geoseaportal.de/gdi-bsh-portal/ui</a>	Data Portal  GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Diverse	Baltic Sea  North Sea  National
<b>Marine Data Infrastructure Germany</b>	<a href="http://www.mdi-de.org">www.mdi-de.org</a>	Data Portal  GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Diverse	Baltic Sea  North Sea  National
<b>COSYNA</b>	<a href="http://codm.hzg.de/codm/">http://codm.hzg.de/codm/</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology	North Sea  National
<b>CONTIS</b>	<a href="http://www.bsh.de/en/Marine_uses/Industry/CONTIS_maps">http://www.bsh.de/en/Marine_uses/Industry/CONTIS_maps</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	pdf maps-BSH	Baltic Sea



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	<a href="#">/index.jsp</a>		Interactions in the marine area	Distribution of human activities		North Sea  National
<b>DMI</b>	<a href="http://www.dmi.dk/en/vejr/">http://www.dmi.dk/en/vejr/</a>	Information Service  Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics	Baltic Sea  North Sea  National
<b>Marine Spatial Data Infrastructure Denmark</b>	<a href="http://msdi.dk">http://msdi.dk</a>	Data Portal	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Human Activities, Physics, Chemistry, Biology, Geology, Bathymetry	Baltic Sea  North Sea  National
<b>Balearic Islands Coastal Observing and Forecasting System</b>	<a href="http://www.socib.es">http://www.socib.es</a>	Data Portal  Information Service	Describing the marine area	State of the biological, physical and chemical environment	Physics (data and models)	Mediterranean Sea  National

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<b>MAPAMED</b>	<a href="http://www.mapamed.org">http://www.mapamed.org</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Just Marine Protected Areas	Mediterranean Sea  Regional
<b>Mediterranean Marine Data</b>	<a href="http://www.mediterranean-marinedata.eu">http://www.mediterranean-marinedata.eu</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry	Mediterranean Sea
<b>Adriatic Atlas</b>	<a href="http://atlas.shape-ipaproject.eu">http://atlas.shape-ipaproject.eu</a>	GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment	Human Activities, Physics, Chemistry, Biology, Geology, Bathymetry	Mediterranean Sea  Regional
		Data Portal	Interactions in the marine area			
<b>AdriPlan Data Portal</b>	<a href="http://data.adriplan.eu/">http://data.adriplan.eu/</a>	Data Catalogue	Describing the marine area	Distribution of human activities	Human Activities, Physics, Chemistry, Biology, Geology, Bathymetry	Mediterranean Sea
		GIS Mapping Tool	Interactions in the marine area	State of the biological, physical and chemical environment		
<b>THAL-CHOR WebGIS</b>	<a href="http://www.mspsygr.info/#">http://www.mspsygr.info/#</a>	GIS Mapping Tool	Describing the marine area	Distribution of human activities	Human Activities	Mediterranean Sea
			Interactions in the marine area	Pressures resulting from human activities		

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<b>ADRIBLU</b>	<a href="http://mapserver.arpa.fvg.it/adriblu/map.phtml">http://mapserver.arpa.fvg.it/adriblu/map.phtml</a>	GIS Mapping Tool	Describing the marine area  Interactions in the marine area	Distribution of human activities  Economic value of human activities and the environment	Human Activities	Mediterranean Sea
<b>Cyprus Coastal Ocean Forecasting Observing System</b>	<a href="http://www.oceanography.ucy.ac.cy/cycfos/">http://www.oceanography.ucy.ac.cy/cycfos/</a>	Information Service  Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics (data and models)	Mediterranean Sea  National
<b>GNOO</b>	<a href="http://gnoo.bo.ingv.it/static/GNOO_Services.htm">http://gnoo.bo.ingv.it/static/GNOO_Services.htm</a>	Data Portal  Information Service	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology, Geology	Mediterranean Sea  National
<b>SINAnet</b>	<a href="http://www.mais.sinanet.isprambiente.it/ost/">http://www.mais.sinanet.isprambiente.it/ost/</a>	Data Portal  GIS Mapping Tool	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Diverse	Mediterranean Sea  National
<b>POSEIDON</b>	<a href="http://www.poseidon.hcmr.gr">http://www.poseidon.hcmr.gr</a>	Data Portal  GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment	Physics	Mediterranean Sea  National

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		Information Service				
<b>Flemish Banks Monitoring Network</b>	<a href="http://www.meetnet.vlaamsebanken.be">http://www.meetnet.vlaamsebanken.be</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics	North Sea  National
<b>Marine Atlas</b>	<a href="http://www.marineatlas.be/en/data">http://www.marineatlas.be/en/data</a>	GIS Mapping Tool	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment	Human Activities, Physics, Chemistry, Biology, Geology, Bathymetry	North Sea  National
<b>Belgian Coastal Atlas</b>	<a href="http://www.coastalatlantlas.be/map/?lan=en&amp;theme_id=5">http://www.coastalatlantlas.be/map/?lan=en&amp;theme_id=5</a>	GIS Mapping Tool	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment  Distribution of human activities  Social value of human activities and the environment  Economic value of human activities and the environment	Human Activities, Physics, Chemistry, Biology, Geology, Bathymetry	North Sea  National

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<b>Rikswaterstaat Water Data</b>	<a href="http://www.rws.nl/water/waterdata-en-waterberichtgeving/waterdata/index.aspx">http://www.rws.nl/water/waterdata-en-waterberichtgeving/waterdata/index.aspx</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics	North Sea  National
<b>NL NODC Data Access Service</b>	<a href="http://www.nodc.nl/content/content.asp?lang=0&amp;menu=3&amp;ubmenu=19&amp;html=16">http://www.nodc.nl/content/content.asp?lang=0&amp;menu=3&amp;ubmenu=19&amp;html=16</a>	Data Catalogue  Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics, Chemistry, Biology, Geology	North Sea  National
<b>Open Data Portal of the Dutch Government</b>	<a href="https://data.overheid.nl/data/dataset?q=zee&amp;sort=score+desc%2C+modified+desc%2C+metadata_modified+desc">https://data.overheid.nl/data/dataset?q=zee&amp;sort=score+desc%2C+modified+desc%2C+metadata_modified+desc</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Human Activities, Physics, Chemistry, Biology, Geology	North Sea  National
<b>Noordzeeloket</b>	<a href="https://www.noordzeeloket.nl/">https://www.noordzeeloket.nl/</a>	Information Service	Describing the marine area  Interactions in the marine area	Distribution of human activities  State of the biological, physical and chemical environment	Human Activities, Physics, Chemistry, Biology, Geology	North Sea  National
<b>informatiehuis marine</b>	under development	Data Portal  GIS Mapping Tool	Describing the marine area  Interactions in	Distribution of human activities  State of the biological, physical and chemical	Human Activities, Physics, Chemistry, Biology, Geology	North Sea  National

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		Information Service	the marine area	environment		
<b>Oceanographic Data Portal</b>	<a href="http://data.ifremer.fr">data.ifremer.fr</a>	Data Catalogue	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Physics, Chemistry, Biology, Geology, Bathymetry, Human Activities	Atlantic  Mediterranean Sea  North Sea
<b>Coriolis</b>	<a href="http://www.coriolis.eu.org/">http://www.coriolis.eu.org/</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Physics mainly	Atlantic  Mediterranean Sea  National
<b>Institute Marine Research</b>	<a href="http://www.imr.no/forskning/forskningsdata/en">http://www.imr.no/forskning/forskningsdata/en</a>	Data Portal	Describing the marine area	State of the biological, physical and chemical environment	Biology, Physics, Geology, Fisheries	North Sea  National
<b>MAREANO</b>	<a href="http://www.mareano.no/en">http://www.mareano.no/en</a>	GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment	Biology, Physics, Geology, Bathymetry	North Sea

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						National
<b>MEDIN</b>	<a href="http://www.oceannet.org">http://www.oceannet.org</a>	Data Catalogue	Describing the marine area  Interactions in the marine area	State of the biological, physical and chemical environment  Distribution of human activities  Social value of human activities and the environment	Physics, Chemistry, Biology, Geology, Bathymetry, Human Activities	North Sea  Atlantic
<b>UKDMOS</b>	<a href="http://www.ukdmos.org">http://www.ukdmos.org</a>	Data Catalogue	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Physics, Chemistry, Biology	North Sea  Atlantic
<b>MMO Marine Planning Evidence</b>	<a href="http://defra.maps.arcgis.com/apps/webappviewer/index.html?id=2c2f6e66c0464fa99d99fd6d8822ddef">http://defra.maps.arcgis.com/apps/webappviewer/index.html?id=2c2f6e66c0464fa99d99fd6d8822ddef</a>	GIS Mapping Tool	Describing the marine area	State of the biological, physical and chemical environment  Distribution of human activities	Human Activities	North Sea  Atlantic  National

