EMODnet Thematic Lot n° 3 – Seabed habitats

Bi-monthly Report

Reporting Period: 01/01/2014 – 28/02/2014

Date: 28/02/2014

Contents

1. Highlights in this reporting period

- Consortium agreement signed on 25 Feb.

- Attendance to Geology lot kick-off in January

- Discovery of biogenic habitat data sets of potential use in the Mediterranean

- Light attenuation and photic zone data received on 31 Jan. for all Med., Black Sea and Canaries

2. Meetings held since last report

Date	Location	Topic	Short Description
14 Jan. 2014	Telco	Progress assessment of all WPs	
12 Feb. 2014	Telco	WP1: Habitats to be modeled and depth zones for Med. and Black Sea	
19-20 Feb. 2014	Oostende	MODEG	

3. Work package updates

WP1 – EUNIS applicability

- Discussions are ongoing regarding the habitats whose parent EUNIS classes at level 3 are clearly defined. In the eastern Mediterranean, they are likely to be rather similar to those of the northwest basins, yet the input of Greek and Turkish benthos ecologists is very important. In the Black Sea a bespoke exercise has to be done to select habitats to be modelled. This is being taken forward by ISPRA, WP1 lead partner.

- Discussions are ongoing in the Mediterranean and the Black Sea as to depth zones definition. In the former, these zones will be similar to those of the northwest basin. The bathyal upper limit is an issue in active tectonic zones so more discussions are necessary. In the latter, the situation induced by deep anoxic conditions will lead to specific physical parameters defining these zones. Final agreement will be reached in April in Athens.

- Whether we adopt thresholds according to literature and experts' say or need to validate thresholds with biological samples of certain habitats is the main scientific issue of EUSeaMap2. This will be an iterative process since these validation data sets are very scarce anyway.

WP2 – Data preparation

- Bathymetry: We obtained confirmation from the Bathymery lot that the ¼ NM grid file from phase 1 was readily available for the basins we are to deliver in September 2014. This will be used by default.

- Substrate: Thanks to the very dynamic WP3 leader of Lot2, we can expect to be given substrate data on scale 1/250000 by the end of June translated into the right Folk classes. Some substrate data for NW Black Sea were made available by Geoecomar. The IBCM map of both the Med. and Black Sea was digitised and is being translated into Folk classes by HCMR and IO-BAS.

- Light attenuation data: These were delivered by the sub-contractor ACRI-ST by the end of January. They consist in 250m pixels for Kpar and photic depth of the Med., Black Sea and Canarias, thereby completing the whole of European basins. The global 2005-2009 average as well as monthly means throughout this period were provided.

- Various oceanographic data from the Black sea were provided by Geoecomar, IO-Bas and METU: temperature, salinity, O_2 density.

WP3 – Habitat samples data

- Each partner is trying to collate within their own countries habitat samples data that may be useful to work on thresholds. Specifically biogenic habitats data sets for the Med. have been identified in the Mediseh project and we are trying to obtain these data sets for our purposes (see section 4).

- Discussions with the Biology lot have led to some common understanding of where collaboration would be fruitful. Unfortunately the biology lot do NOT collate habitat data, only species data. From there, abundance maps of certain species in the North Sea are being plotted using DIVA at various grid sizes according to source data. Whether these could of relevance to seabed habitats will be discussed, bearing in mind our need for samples is mostly for the Mediterranean and Black Sea where the EUNIS classification is not well established.

WP5 – Modelling and confidence

Work under this work plan is scheduled to begin this month. Preliminary discussions have included a suitable approach for substrate confidence with EMODnet Geology, with the aim of having a simple approach that can be applied everywhere to both data derived from detailed surveys and from interpolation.

WP6 – Habitat map collation and WebGIS issues

We have purchased the domain name www.emodnet-seabedhabitats.eu, to harmonise the URL format with other lots. It currently redirects to the EUSeaMap portal on the JNCC website. However, there are plans in place for a separate EMODnet Seabed Habitats website with its own branding. This work will begin in April to correspond with the release of new style guidance from the EMODnet secretariat.

WP8 – Management and communication

- Attendance at Geology lot kick-off. Agreement on common procedures and joint selection of test site
- Consortium agreement signed
- METU contractor's first report (2013) received, invoice paid
- ACRI-ST contractor's report on light attenuation received, invoice paid

4. Specific challenges or difficulties encountered during the reporting period

There is a specific issue about habitat data available as background data in the DG/MARE-funded Marea-Mediseh. These data (coralligenous, Posidonia and maerl habitats samples) are of very high relevance to us respectively for photic zone upper/deep circa definition and categories of energy at the seabed.

According to usual rules, "background" data remain the property of their owners, even though they were made available to a consortium for modelling purposes. Unfortunately DG/MARE only has power regarding "foreground data" resulting from Mediseh. .

As our objective is to use them for thresholds assessment but not for visualisation of any sorts, an attempt is going be made to obtain permission from the data owners to use these samples.

5. User Feedback

List any useful feedback you received on your portal, your activities or those of other EMODnet projects/activities. Also provide any suggestions you have received for EMODnet case studies and/or future products/activities/events.

[Provide information in table - attach the documentation/full user feedback to the report]

Date	Name	Organization	Type of user feedback (*e.g. technical, case study etc*)	Response time to address user request

6. Outreach and communication activities

Date	Media	Title	Short description and/or link to the activity
Kick-off and MODEG meetings mentioned above	MeshAtlantic brochure	Generating a broad-scale EUNIS habitat map	This is the replica for the Atlantic Area of the seabed map made in EUSEaMap2
14 Feb. 2014	Powerpoint	Lecture on modelling seabed habitats	University of Rennes (SIGAT)

7. Updates on Progress Indicators

Using the indicator as a header list the metrics collated and the time interval. If there was no activity to report leave the section under the indicator header blank.

Indicator 1 - Volume of data made available through the portal

As agreed, this will be reported on a 6-monthly basis.

Indicator 2 - Organisations supplying each type of data

Collation of habitat maps derived from surveys has not yet begun so there is currently nothing to report.

Indicator 3 – Organisations that have been approached to supply data with no result

Nothing noteworthy to report.

Indicator 4 – Volume of each data type downloaded from each portal

Nothing noteworthy to report.

Indicator 5 – Organisations that have downloaded each data type

EUSeaMap Jan to Feb 2014 (*21*)	EUSeaMap all (since 2012-10-04) (*105*)		MESH Jan to Feb 2014 (*64*)	MESH all (since 2008-05-14) (*173*)	
AMEC	4C Offshore	Maersk oil	ABPmer	Aberystwyth University	LUC
Bioconsult	Aarhus University,	Marine Mapping	ACRI-ST	ABP Marine Environmental	Maersk Oil
CCMAR	Department of	Ltd.	Agence des aires	Ltd	North Sea UK Limited
cefas	Bioscience	NAFC Marine	marines prot├®g├®es	ACRI-ST	Mainstream Renewable
DFPO	ABPmer	Centre	Autonomous	AFBI - Agri Food and	Power
DHI	AFBI	Natural History	University of	Biosciences Institute -	marine biological
Envision mapping	Alderney	Museum, London	Barcelona (UAB)	Belfast, Northern Ireland	association
ltd	Commission for	Natural Power	Bio-Littoral	Agence des aires marines	Marine Institute, Ireland
European Institute	Renewable Energy	Navionics	Bournemouth	prot├®g├®es	Marine Institute, University
for Marine Studies	AMEC	Newcastle	University	AGLIA (Association du	of Plymouth
personal use	ARCADIS	University	BP	Grand Littoral Atlantique)	Marine Mapping
Fugro EMU	Autonomous	NIOZ	CCMAR	amec	Marine Resources
Fugro EMU limited	University of	Northern Ireland	Danish Nature Agency	AQUAFACT	Marine Scotland
Heriot-Watt	Barcelona	Marine Division -	Deltares	ARCADIS	MCT Ltd
University	Bangor University	Marine Plan	Department of Arts,	Autonomous University of	MESL
IFREMER	Bioconsult	Team	Heritage and the	Barcelona (UAB)	midlands
Navionics	British Red Cross	Orbis Energy Ltd	Gaeltacht	AZTI-Tecnalia	MMO
Newcastle	Cable&Wireless	Pablo de Olavide,	Dept of Environment	Bangor University	MNHN paris
University	Worldwide	Seville	NI, Marine Division	Bio-Littoral	MNHN-SPN
SSE	CCMAR	personal use	Deutschland	Bonn Agreement	MSFD Ireland
TheRedTentacle	cefas	personel use	DOE Marine Division	Bournemouth University	Natural England
unimar	Centre of Maine	Plymouth Marine	DONG Energy	BP	Natural History Museum
universitÃ© de La	Sciences, Algarve	Laboratory	EC Joint Research	Camborne school of mines	Natural Power Consultants
Rochelle, France	Consultanting	Plymouth	Center	CCMAR	Navionics
University of	Cranfield	University	enea	Cefas	NBDC
Malaga	University	Student	ERM	CNPMEM	NE
University of	CSIC	Repsol	Fugro EMU limited	Coastal Vision	Newcastle University
Ultser	Danish	SNH	Gardline	Compass	not personal
WSP Sweden AB	environmental	SSE	ICES	Consultant	NUI Galway

EUSeaMap Jan to Feb 2014 (*21*)	EUSeaMap all (since 2012-10-04) (*105*)		MESH Jan to Feb 2014 (*64*)	MESH all (since 2008-05-14) (*173*)	
	agency	SSE Renewables	Ifremer	Cornwall Wildlife Trust	NUIM
	devotes	szczecin	IMSA Amsterdam	Cotswold Archaeology	Õ«ëÕ¥¢ÕñºÕ¡ª
	DFPO	university	Instituto Espa ⊟ol de	County Administrative	Oceansnell, S.L.
	DHI	test	Oceograf ├¡a	Board of V ├ñstra	OMV UK Limited
	Dii	TheRedTentacle	JNCC	G ├Âtaland	Orbis Energy Limited
	Edinburgh Napier	UAB	kent and essex	DAHG	OSPAR
	University	UNEP-RAC/SPA	Inshore Fisheries and	Danish Nature Agency	Otec
	EEA - ETCSIA	unimar	Conservation	DDTM	personal use
	Energy	UniversitÃ Ca'	Authority	Deltares	Plymouth City Council
	Environment	Foscari Venezia	KTH Royal Institute of	Department of Arts,	Plymouth University
	Systems	universitÃ©	Technology	Heritage and the Gaeltacht	Portsmouth university
	Envision	bordeaux 1	Local Authority	Department of the	Queen's University Belfast
	Envision Mapping	universitÃ© de La	Marine institute	Environment Jersey	RCMG UGent
	Envision mapping	Rochelle, France	Marine Scotland	Dept of Environment NI,	RES Ltd
	ltd	university	MSFD Ireland	Marine Division	RES Offshore
	ERM	assessment	Navionics	Deutschland	Roa Island Boating Club
	Estonian Marine	University Bergen	NE	Devon & Severn Inshore	Royal Haskoning DHV
	Institute	University Of	Newcastle University	Fisheries & Conservation	RPS Consulting Engineers
	ETCSIA	Aberdeen	NUIM	Authority	RPS Energy
	European	University of	Oceansnell, S.L.	DFDF	RPS Group
	Commission	Bangor	OMV UK Limited	DOE Marine Division	RPS Plc
	European Institute	University of	OSPAR	DONG Energy	RSPB
	for Marine Studies	Exeter	personal use	Eastern-IFCA	RSPB/Personal use
	"personal use"	University of	Queens Univ. Belfast	EC Joint Research Center	SAMS, Oban
	Finnish Game and	Gdansk	Queen's University	Edinburgh Napier University	School of Ocean Sciences,

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EUSeaMap Jan to Feb 2014 (*21*)	EUSeaMap all (since 2012-10-04) (*105*)		MESH Jan to Feb 2014 (*64*)	MESH all (since 2008-05-14) (*173*)	
	Fisheries Research Institute	University of Hull	Belfast	EMU Limited	Bangor University
	Fugro EMU	University of Leeds	Royal HaskoningDHV	enea	Scripps Institute of Oceanography
	Fugro EMU limited	University of Malaga	RPS	Energy	SEPA
	genesis oil and gas	university of Rome Tor Vergata	RPS Energy	Environment Agency	Serco
	GIS Posidonie	University of Southampton	Scripps Institute of Oceanography	environmental consultancy	Service du Patrimoine Naturel, MNHN, France
	G-Tec	University of St Andrews	SSE	Envision Mapping Ltd	SHOM
	Hafok	University of the Highalnds and Islands	States of Guernsey	ERM	SIFT
	Hebrew University of Jerusalem	University of Ultser	The Marine Biological Association of the United Kingdom	flintshire geoscience	Spanish Institute of Oceanography
	Heriot-Watt University	URS	TheRedTentacle	French Marine Protected Areas Agency	SSE
	IECS	Uudenmaan liitto, Helsinki-Uusimaa region	Thomson Ecology	Fugro EMU	States of Guernsey
	IFREMER	van Hall	UBO	Fugro EMU limited	Suffolk
	IHC Merwede	WSP Sweden AB	Universidade do Minho	Galway Mayo Institute of Technology	Sustainable Inshore Fisheries Trust
	ILVO	Yorkshire Wildlife Trust	Universit├® de La Rochelle	Gardline	swansea univeristy
	INOGS	Zoological Society	University College Cork	Genesis Oil & Gas	Tarmac Marine Dredging
	Institut de recherche pour le dÃ©veloppement		University of Aberdeen	gobe consultants	TCD
	Institute for Baltic Sea Research		University of Azores	G-Tec	The Marine Biological Association of the United Kingdom
	IRD		University of Greenwich	Hafok AB	TheRedTentacle
	JNCC			Heriot-Watt University, Edinburgh	Thomson Ecology
	Joint Research			ICES	TRAGSA
				ICIT, Heriot-Watt University	
				IECS	
				IEO	

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EUSeaMap Jan to Feb 2014 (*21*)	EUSeaMap all (since 2012-10-04) (*105*)		MESH Jan to Feb 2014 (*64*)	MESH all (since 2008-05-14) (*173*)	
	Centre JRC JRC-IES LÃ¤nsstyrelsen VÃ¤sternorrland	of London	University of Hull University of Strathclyde University of Ultser Van Hal LArenstein XodusGroup	Ifremer IMSA Amsterdam INERCO INRA Instituto Espa├▓ol de Oceanograf├¡a Intertek EWCS Jacobs UK JNCC Joint Nature Conservation Committee Joint Research Centre JRC Keele University Kent and Essex IFCA kent and essex Inshore Fisheries and Conservation Authority KTH Royal Institute of Technology Lancashire County Council LEMAR Local Authority	Trinity College Dublin UBO Univ Colorado Universidade do Minho Universit├® de La Rochelle University College Cork University of Aberdeen University of Azores University of Glasgow University of Greenwich University of Hull University of New Brunswick University of Southampton University of Strathclyde University of Ulster University of Westminster URS USGS Van Hal LArenstein West Sussex XodusGroup Zoological Society of London

Indicator 6 – Using user statistics to determine the main pages utilised and to identify data products being used

Statistics refer to the period 2014-01-01 to 2014-02-27.

page description	page address	Number of unique visitors	How many users end their visit on this page
EUSeaMap phase 1 mapper	jncc.defra.gov.uk/page-5040	466	423
EUSeaMap phase 1 downloads	jncc.defra.gov.uk/page-6266	76	27

Indicator 7 – List of what the downloaded data has been used for

Reasons for data downloads from MESH have been listed below. This is currently a free text field on the MESH download page and is not present on the EUSeaMap download page. For future reporting we plan to introduce a restricted list of reasons for users to select from.

Table 1 Reasons for download data from MESH webGIS – Jan to Feb 2014.

An individual project for a GIS marine spatial planning course I am currently working on for my masters degree	Internal usage
Analysis for optimal location of aquaculture sites.	Interreg Valmer. North Devon case study
Analysis of environmental sensitivities offshore north sea.	Learn about the ecosystems that surround drilling platforms through spatial analysis.
Application for the 28th Licence Round - Environmental impact assessment part for DECC	Mapping
Alice Gadney -Cartographer -OMV UK 02073331985	Mapping of marine ecosystem services
Assessment	Marine GIS USER
Assessment of an invertebrate fishery and supporting ecosystem in the West coast of Ireland	MIS RAZONES
Bay of biscay marine habitat mapping and management	Model of effects fishing in the Celtic Sea
Cientific reserch of the habitats in the northern of Sapin	Model of the effects of fishing on several species in the Celtic Sea
combining with VME	Modeling
coursework in GIS	MPA OSPAR study
Data Analysis	MPA OSPAR website
Data required for MSc dissertation.	My PhD aims to model the habitat preference and spatial usage of seals' colonies. For this modelling work, I need environmental variables as sediment and seabed habitat.
Data updates	Offshore wind farm planning and EIA
doing a student project	OSPAR habitat mapping program
Ecosystem Service Mapping	OSPAR use
	Project for a GIS class at Scripps Institute of Oceanography.
	Quality check
educational	Reference

Environmental Constraint Mapping	research
Environmental Mapping	Research and teaching
Environmental studies - EIA, ES etc.	Research ecological status surrounding oil platforms.
For connectivity assessment of macroalgae	
For environmental information on or near project sites and subsea cable routes.	Research into Nature Value and Nature Valuation
	Research project
for my GIS project I am seeing were offshore wind farms are being located and if one habitat is preferred	Scientific purposes
	Scientific use to model cetacean and seabird distributions along portuguese mainland coast
for my gis project on windfarms and the habitat commonly used in offshore structtures	Shoreline sensitivity mapping
	study
For reference in environmental planning.	To assist authority to comply with the Biodiversity Duty and other regulations and guidance on environmental protection.
For the web MPA OSPAR (GIS tool)	
For use within GIS for offshore windfarm EIA work	
Gaining insight in spatial distribution of marine habitat types.	To check overlap
	To check overlap with habitats
General planning benthic survey.	To update our records for NI Marine Conservation Zone designation process
GIS work about Marine Protected Areas	
Habitat Mapping	To update our records for the Northern Irelands Marine Conservation Designation Process.
Habitats Directive assessment compilation of data on the marine environment	
	UK fisheries and environmental management
I am a PhD student looking into overwintering wading birds on estuaries and being able to see some biotopes for the mudflat they forage upon would be very useful.	Understanding the marine habitats around Guernsey
	University assessment
	University EIA Project
	University project using ArcGIS
I am currently working on species distribution modeling and I need a lot of spatial data to perform my task. I am a phD student at IUEM-UBO, Brest, France	update of previous file download
	We are computing a broad ecosystem map for the sea regions of Europe following EUNIS habitats classification at level 2.
I am doing a proposed research project looking at spatial displacement of cetaceans for an MSc course.	We are recopiling GIS information related to the Azores Islands (Portugal)for scientific use.
ICES working group	working on a project on support structure of offshore wind turbines
Interest / Consultancy Activities	

Table 2: Reasons for downloading data from MESH webGIS - all since 2008-05-14.

Academic research	General planning benthic survey.	Reference
Academic research into distribution or marine organisms in relation to hydrodynamics	generation of seabed physical properties griddings - research (eg seabed backscatter, roughness)	Reporting
		reporting Art 17 habitats
Academic research on soft sediment intertidal ecosystems	GIS Assignment	Require bathymetry data to plan a survey
	GIS Mapping	research
Academic study	GIS project	Research and teaching

Additional information for my current thesis	GIS work about Marine Protected Areas	Research ecological status surrounding oil platforms.
Aglia is working with other partners on a regional project about the undulate ray. Having these kind of data could aloow us crossing habitas data with abundance data for this specie.	Government	Research into marine spatial planning
	Habitat analysis	Research into Nature Value and Nature Valuation
	habitat basemaps	
	Habitat distribution	Research on fisheries effects
An individual project for a GIS marine spatial planning course I am currently working on for my masters degree	Habitat Mapping	Research project
	Habitat mapping in fulfilment of Art 17 of the Habitats Directive	research purpose
		Research purposes for assessing ecological coherence of Channel MPA network
Analysis for optimal location of aquaculture sites.	Habitats Directive assessment compilation of data on the marine environment	
Analysis in Scotland		Review available information to characterize benthic habitats within a wind farm development area.
Analysis of environmental sensitivities offshore north sea.	Habitats Research	
	home study	school work
Apologies for duplication of request but I was prevented from accessing the links by our IT. We need these layer to update our records for the NI MCZ process.	I am a PhD student looking into overwintering wading birds on estuaries and being able to see some biotopes for the mudflat they forage upon would be very useful.	Scientific purposes
		Scientific use to model cetacean and seabird distributions along portuguese mainland coast
Application for the 28th Licence Round - Environmental impact assessment part for DECC Alice Gadney -Cartographer -OMV UK 02073331985	I am adressing to you with the aim of using Meshatlantic⊤shapefiles, as well as other sources, for the reporting of marine habitats to the European Commission. Best regards,	Seascape assessment
		Sensitivity map for oil spill response planning
		Shoreline sensitivity mapping
assess sensitivity of waterbodies to anthropogenic activity	I am currently working on species distribution modeling and I need a lot of spatial data to perform my task. I am a phD student at IUEM-UBO, Brest, France	site invesigation for sampling
assessing the rpesence of sensitive areas		survey
		strategic regional overview
Assessment		student work
assessment for sub-sea cable corridor	I am doign a GIS project on wind farm location to puffin populations	study
		study for degree
	I am doing a proposed research project looking at spatial displacement of cetaceans for an MSc course.	STUDY-WORK
Assessment of an invertebrate fishery and supporting ecosystem in the West coast of Ireland		surevy plan
		Survey planning
		Suspendisse adipiscing metus id lorem luctus a euismod neque interdum. Proin dictum posuere
Assessment of European kelp habitat extent	I am trying to establish key habitats with repect to foraging grounds from seal telemetry data in the Thames estuary and SE of England.	
Assessment of MPA network and Marine Habitat Mapping		Theoretical EIA for Masters study at Bangor University
Assist with management of Plymouth Sound and Tamar Estuaries EMS	I am undertaking ecology studies related to National Grids proposed Wyla-Pentir power line upgrade. I require intertidal biotope and habitat information for the Menai Straits	These shapefiles will help identify gaps in knowledge to help target areas in Northern Irelands inshore waters where seabed habitat surveys need to be carried out.
		Thesis work (MSc)
Atlas of North Western Waters Open resource		This layer of benthics seabed habitats could allow to understand better the spatial distribution of the fisheries.
Background information	I am using the sediment layer as a measure of fishing pressure over	
background research for offshore		

route	each habitat, its for a my PhD.	To asses spatial overlap
baseline study	ICES working group	To assess impacts to the shetlands
Bay of biscay marine habitat	IFCA Byelaw Review and review of	and norwegian coastline
mapping and management	European Marine Site	To assist authority to comply with
benthic analysis	management.	the Biodiversity Duty and other
Bivalve habitat	Illustration / scientific work	regulations and guidance on
Bonn Agreement BE-AWARE	implement and improve our	environmental protection.
project	European Seabed areas, for new	To assist complience with
Browsing data available	Marine products	Biodiversity Duty
Cientific reserch of the habitats in	Incorporate into Marine Spatial	to check habitat locations
the northern of Sapin	Planning map for Fisheries in Jesrey	to check overlap of habitats and
Clarification of French contribution	Interest	activities
to OSPAR T&D habitats database	Interest / Consultancy Activities	To check overlap with habitats
combining with VME	Interest in environmental impact of	To check overlap with impact
commercial use	offshore industry	assessment areas
Compilation of marine datasets for	Interest in environmental impact of	to compare with other habitat
a strtegic Environmental	oil and gas	assessments in the same area
Assessment	interest in seabed in my local area.	To compare with seabird
Data	Interested in the information in the	movements
Data Analysis	irish sea zone	To develop a methodology for
Data required for MSc dissertation.	Internal	ecological risk assessment of
Data sources for my MSc project-	Internal company use - looking at	invertebrate fishery exploitation
assessment of offshore aquaculture	the UK seabed	and restoration
sites	Internal usage	To examine the habitat associations
data-extension for the IWT-SBO	Internal Use Only	of fishery activities
project Archaeological heritage in	Interreg Valmer. North Devon case	To further the understanding of a
the North Sea	study	Wave Energy development area in
DCSMM cartography of sediments	Je suis en M1 (Aquacaen) à	Orkney
distribution	l'Universit é de Caen Basse-	To hopefully aid a study on fishing
Desk based feasibility study	Normandie, j'ai besoin de consulter	activity in the Irish Sea.
Determination of potential bivalve	ces donn ées pour mon rapport de	To look at overlap of habs with
habitat off the East coast of	stage. Je travail sur l' étude de	marine activities.
Scotland.	zooplancton épi-benthique de la	To look at overlap with habitats
dissertation	Manche.	and marine activities.
doing a student project	Kent and Essex IFCA habitat survey	To map habitats in Scotland
Ecosystem Service Mapping	Landowner	To model seabird foraging areas
education	Landscape genetics study.	To share data with environmental
educational	Detecting correlation between	consultants
EIA impact assessment	seascape habitat and genetic	To share data with marine
EIA, ES	structure of Alosa alosa and Alosa	consultants in an organisation
EIFCA manage fisheries between	fallax	To support a spatial analysis of
the Humber and Harwich. Wish to	Learn about the ecosystems that	carbonate chemistry/ aragonite
d/l maps to ensure fisheries do not	surround drilling platforms through	saturation states in cold water coral
disturb designated habitats.	spatial analysis.	reefs areas in OSPAR area.
Environmental Analysis &	LEARNING	ICES/OSPAR SGOA group
Education. By UK Charity	Live Test in version 6	To update our records for NI
Environmental Assesment	local old version corrupted	Marine Conservation Zone
Environmental Constraint Mapping	looking at overlap wit fishing	designation process

Environmental Impact Assessment and supporting studys	pressure	To update our records for the Northern Irelands Marine Conservation Designation Process.
Environmental Impact Research (MOD)	MAIA project	To view results of habitat surveys carried out in Northern Irelands inshore and offshore waters.
Environmental Mapping	map creation	Tracking local seaweed population and changes over time
Environmental studies	Mapping	Training
Environmental studies - EIA, ES etc.	Mapping fisheries habitats	UK fisheries and environmental management
environmental study	Mapping of marine ecosystem services	understanding sea bird foraging patterns
ESTUDIO	mapping UK seabed habitat layers.	Understanding the marine habitats around Guernsey
Evaluation environnementale document de planification activit├®s en mer	Marine GIS USER	Undertaking a seascape assessment for the Southern Marine Plan Areas
For a sensitivity mapping project within the NE of Scotland	Marine management	Undertaking English Heritage Seascapes project to facilitate marine planning
For assessing impacts in the irish Sea	marine research	University assessment
For background information on seabed types in the North Sea	Marine spatial planing.	University EIA Project
For connectivity assessment of macroalgae	MCZ data confidence analysis for Natural England	University project
For environmental information on or near project sites and subsea cable routes.	MCZ designation	University project using ArcGIS
For environmental studies	MCZ report	University Report
For Environmental Team planning and mitigation for SSE Transmission projects	MCZ work	Use as base layers in CADCORP for Marine Resources section in Jersey, Channel Islands.
For inclusion in an EIA	MIS RAZONES	Use for undergraduate dissertation on health of the Irish Sea
For mapping habitat in the Firth of Clyde	Model of effects fishing in the Celtic Sea	Use for University Coursework
for my GIS project I am seeing were offshore wind farms are being located and if one habitat is preferred	Model of the effects of fishing on several species in the Celtic Sea	use in environmental GIS assessment
for my gis project on windfarms and the habitat commonly used in offshore structtures	Model updates	Use in MCZ work
for my job	Modeling	Use in report for First Flight Wind
For my own pleasure ! Thanks	Modeling distribution of subtidal macroalgae.	Use in Seabird research
For PhD project at Bangor University, Wales.	Modelling seabird foraging areas	Use in the Interreg VALMER project to inform habitat extent.
For project feasibility studies	MPA OSPAR study	use the data for mapping purpose
For reference	MPA OSPAR website	using data to examine vulnerability of Modiolus habitats
For reference in environmental planning.	MPAs in scottish waters for wdc/mtf/snh/ms	Want to to OSPAR Seapans in the Irish Sea
For RSPB internal report on threatened habitats.	MSc dissertation	We are computing a broad ecosystem map for the sea regions of Europe following EUNIS habitats classification at level 2.
For the web MPA OSPAR (GIS tool)	MSc Dissertation project on Seascape Analysis	We are currently doing research on
	MSc Project	
	MSc project looking at Climate Change on coastal areas with restricted exchange	
	MSFD resarch	
	My PhD aims to model the habitat preference and spatial usage of seals' colonies. For this modelling work, I need environmental variables as sediment and seabed habitat.	
	NE biotope work	
	North western waters atlas	
	Offshore renewable SEA	

For use in displaying cetacean habitat use data	Offshore wind farm planning and EIA	ecosystem services delivered by the Belgium North Sea. To calculate
For use in GIS projects along with our own fisheries and scientific data.	Ongoing work in DASSH	biodiversity values we need to have habitat data for specific species and there sensitivity.
For use in habitat studies	OSPAR habitat mapping program OSPAR use	We are recopiling GIS information related to the Azores Islands
For use in MCZ work	Overview of the areas	(Portugal)for scientific use.
For use in subsea cable scoping study.	Personal research personal use	We are working on setting up a system for estimating vulnerability
For use in the ValMER / PENACHE European data project	Personal use and study	index to oil spills in the port of falmouth within the Atlantic project
For use on a sensitivity mapping project along the NE coast of Scotland	PhD examining vulnerability of Modiolus habitats across OSPAR areas	SPRES
	PhD in marine ecology	We would like to download this data because SPN is in charge of
For use with marine renewables environmental assessment	PhD project is investigating climate change impacts to Modiolus beds	the management and the dissemination of synthesised data
for use within a scoping study	PhD research	on French natural heritage and
For use within GIS for offshore windfarm EIA work	PhD Study: using mapping to scope best areas to protect Irish Sea ray species.	contributes to transmit data on OSPAR habitats.
For using within Port development scoping reports	Project	Work in expert group
Gaining insight in spatial distribution of marine habitat types.	Project for a GIS class at Scripps Institute of Oceanography.	working on a project on support structure of offshore wind turbines
	Project for Northern Ireland Marine Task Force	Working on sea exploration for G-tec
General interest	Quality check	

Annex X

List in annex if you wish to provide any additional information