



EMODnet Coastal Mapping Project

Tender no MARE/2014/10

Contract Number no
EASME/EMFF/2014/1.3.1.4/SI2.708188

Bi-monthly Report

Reporting Period: 26/12/2016 – 25/02/2017

Date: 01/03/2017

1. Highlights in this reporting period

Provide a summary of the key achievements and noteworthy progress within this reporting period.

These two months were mainly devoted to the stakeholder meeting. Moreover, the final report and the executive summary were finalized and delivered on 6 January. Their validation is still in progress.

On 7 February the CPMR held the stakeholder meetings with its Regions and the European Parliament's "The Seas, Rivers, Islands and Coastal Areas" (SEARICA) Intergroup.

The meeting with Regions also brought together representatives from the regions, National Hydrographic Services, Mercator Ocean and NEREUS (Network of European Regions Using Space Technologies). The coordinator and the WP3 leader presented the results of the project and the portal was presented by Worldline. The participants stressed the strategic importance of ensuring the availability and interpretability of marine data in general, as well as coastal bathymetric data. They made it clear that this will support the maritime activities of Regions, including environment monitoring, economic development and climate change adaptation.

The [SEARICA Intergroup meeting](#) provided the opportunity for the Coastal Mapping project partners to present their work. Bernhard FRIESS, Director for Maritime Policy and Blue Economy at DG MARE, said that at sea "all economic activities depend on the knowledge we have of them and on data, and the availability of that data".

It was suggested that an EU strategy should be developed that would:

- Set up co-ordinated programmes for data acquisition at maritime basin scale;
- Increase the opportunities for bathymetric data acquisition in the framework of the EU operational programmes and funds;
- Promote the production of bathymetric data from multiple sources, usable by different categories of coastal users for maritime policies.

The next week, the coordinator participated in the 7th EMODnet Steering Committee meeting and presented the project results (15 February).

2. Specific challenges or difficulties encountered during the reporting period

Please list specific problems you have encountered during this period, including related to technical and data provision issues

Nothing to report.

3. Meetings held since last report [if any]

List here the meetings held/participated since the last bi-monthly report, if relevant add short description

Date	Location	Topic	Short Description
07/02/2017	Brussels (BE)	Stakeholder meeting (Regions)	[external] Presentation and discussion with the Member Regions
07/02/2017	Brussels (BE)	Stakeholder meeting (Searica Intergroup)	[external] Presentation and discussion with the Searica Intergroup
21-22/06/2016	Brussels (BE)	Steering Committee meeting	[external] 7 th EMODnet Steering Committee meeting

4. User Feedback [if any]

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

Date	Name	Organization	Type of user feedback	Response time to address user request

Nothing to report.

5. Outreach and communication activities [if any]

Please list all the relevant communications activities or products you have developed/executed during this period (including presentations, lectures, trainings, demonstrations and development of communication materials such as brochures, videos, etc.). Relevant scientific and/or popular articles you know have been published using/referring to EMODnet should be reported under indicator 11 in Section 7.

Date	Media	Title	Short description and/or link to the activity
07/02/2017	Flyer Poster	Coastal Mapping project results	Presentation of the project results to the European Regions and Parliament
07/02/2017	Several presentations	Several Titles	Presentations performed at the Parliament (on Searica webpage).

6. User statistics

Please provide as much information about the usage of your portal as possible once it is operational (page visits, downloads, etc.).

The only statistics refer to the users' visits of the website (see Annex 3).

6.1. Website global statistics

The statistics are more detailed in Annex 3.

Period	Unique visitors	Number of visits	Pages
26/12/16-25/02/17	273	357	693

Country	Sessions	Pages/session
France	84	1.50
Italy	49	2.24
Netherlands	39	1.38
Belgium	31	1.77
United States	23	2.52
United Kingdom	19	1.53
Spain	18	1.61
Greece	11	2.18
Sweden	9	2.44
(not set)	9	2.78

Service Provider	Sessions	Pages/session
service hydrographique et oceanographique de la marine	30	41
ministerie van verkeer en waterstaat/rijkswaterstaat	25	25
worldline france hosting	16	36
(not set)	13	24
mobile county commission	9	26
new mexico state university - main campus	9	27
synergy microsystems inc.	9	25
national maritime administration	6	15
tel aviv university	6	7
wind telecomunicazioni s.p.a	6	11

Annex 1: Datasets available through the portal

These datasets are grouped in five categories: Coastline-Baseline, Topography&Bathymetry, Imagery, EMODnet and Additional Layers.

COASTLINE – BASELINE (11 datasets):

Name/Type of data	Area of interest	Provider
<i>EEA Coastline</i>		
EEA Coastline	EU	EEA
<i>HIGHEST ASTRONOMICAL TIDE LEVEL</i>		
France coastline	France	SHOM
<i>INTERTIDAL AREA</i>		
Belgium Coastline	Belgium	MDK
Ireland Coastline	Ireland	GSI
Romania Coastline 1970	Romania	DDNI
<i>LEGAL BASELINE</i>		
Belgium Legal Baseline	Belgium	MDK
Greece Coastline	Greece	HNHS
Portugal Coastline	Portugal	IHPT
Romania Coastaline	Romania	DDNI
<i>MEAN SEA LEVEL</i>		
Coastline Crowdsourcing Results	Europe	Crowd
Sweden Coastline	Sweden	Lantmäteriet ¹

¹ : Swedish mapping, cadastral and land registration authority

TOPOGRAPHY & BATHYMETRY (30 datasets):

Name/Type of data	Area of interest	Provider
<i>EMODNET BATHYMETRY DTM</i>		
Greece DTM	Greece	HNHS
<i>HIGH RESOLUTION DTM</i>		
Belgium Single Beam	Belgium	MDK
France 10m DTM – Boulogne-sur-Mer	France	SHOM
France 20m DTM - Morbihan	France	SHOM
France 20m DTM – Pertuis Charentais	France	SHOM
Germany 1m DTM	Germany	BSH

Greece DTM 90K	Greece	HNHS
Italy 1m DTM Ligurian Sea	Italy	IIM
Italy 1m DTM Sardinia	Italy	IIM
Netherlands 5m DTM LIDAR	Netherlands	RWS
Norway 10m DTM	Norway	NMA
Romania 5m DTM	Romania	DDNI
LAND-SEA SEAMLESS DTM		
Belgium Lidar	Belgium	MDK
France Coastal DTM – Finistère 2014	France	SHOM
France Coastal DTM – Languedoc-Roussillon 2009	France	SHOM
France Coastal DTM – PACA 2015	France	SHOM
Germany 50m DTM	Germany	BSH
Ireland 20m Shaded Relief Image	Ireland	GSI
Ireland 30m DTM	Ireland	GSI
Ireland 30m shaded Relief Image Donegal	Donegal (IRL)	GSI
Ireland 5m Coastal DTM Bantry & Dunmanus	Bantry/Dunmanus (IRL)	GSI
Ireland 8m Shaded Relief Image Bantry & Dunmanus	Bantry/Dunmanus (IRL)	GSI
Netherlands 20m DTM	Netherlands	RWS
Portugal DTM	Portugal	IHPT
Romania 500M DTM 1970	Romania	DDNI
LOW RESOLUTION BATHYMETRY DTM		
Baltic Sea 500m Shaded elevations	Baltic Sea	BSHC
Baltic Sea 500m Bathymetry watercolour	Baltic Sea	BSHC
MEDIUM RESOLUTION DTM		
France 100m DTM – Atlantic coast	France	SHOM
France 100m DTM - Corse	France	SHOM
France 100m DTM – Lion Gulf / Côte d’Azur	France	SHOM

EMODNET (2 datasets):

Name/Type of data	Area of interest	Provider
EMODNET BATHYMETRY		
EMODnet Bathymetry	Europe	EMODnet
EMODNET HABITATS		
EMODnet Seabed Habitats	Europe	EMODnet

ADDITIONAL LAYERS (18 datasets):

Name/Type of data	Area of interest	Provider
BACKSCATTERS		
Ireland 10m Backscatter Image	Bantry/Dunmanus (IRL)	GSI

BASEMAPS		
EMODnet Bathymetry with GEBCO 2014 (merged)	Europe	EMODnet Bathymetry/GEBCO
Secchi Disk Depth statistics	Europe	COPERNICUS
DATA QUALITY AND SURVEY PLANS		
Sweden surveys before 1940	Sweden	SMA
Sweden surveys after 1940	Sweden	SMA
OPPORTUNITIES FOR DATA FUNDING		
EU Strategies	Europe	CPMR
Interreg VA	Europe	CPMR
Interreg VB	Europe	CPMR
HABITATS MAPPING		
Italy Dune Cover 3m 2009 Sabaudia	Italy	ISPRA
SEABED COVER		
Italy Bottom Type 3m 2009 Montalto	Italy	ISPRA
Italy Seabed Cover 3m 2009 Montalto	Italy	ISPRA
SEDIMENTS MAPPING		
Ireland Bantry 10m Seabed Classification	Bantry/Dunmanus (IRL)	GSI
Ireland Samples	Ireland	GSI
Ireland Samples PSA	Ireland	GSI
Ireland Samples PSA Non INFOMAR	Ireland	GSI
SUITABILITY OF THE SURVEY TECHNOLOGIES		
CMP.Geo – Airborn Hyperspectral	Europe	ISPRA
CMP.Geo - Lidar	Europe	ISPRA
CMP.Geo - Multibeam	Europe	ISPRA

IMAGERY (3 datasets):

Name/Type of data	Area of interest	Provider
AERIAL PHOTOGRAPHY		
France Coastal Imagery	France	SHOM
Ireland Coastal Imagery 2006 Bantry & Dunmanus (merged)	Bantry/Dunmanus (IRL)	GSI
Romania 1m Orthophotos	Romania	DDNI



Annex 2: User feedback

Nothing to report.

Annex 3: Global website statistics

Period	Users	Sessions	Pageviews	Pages/session	Avg session duration
26/10/16-25/12/16	273	357	693	1.94	00:02:04

Country	Sessions	Pageviews	Pages/session	Avg session duration
France	84	126	1.50	0:01:41
Italy	49	110	2.24	0:03:26
Netherlands	39	54	1.38	0:00:55
Belgium	31	55	1.77	0:01:43
United States	23	58	2.52	0:00:00
United Kingdom	19	29	1.53	0:02:27
Spain	18	29	1.61	0:00:22
Greece	11	24	2.18	0:04:57
Sweden	9	22	2.44	0:01:39
(not set)	9	25	2.78	0:00:00
Portugal	7	11	1.57	0:00:42
Romania	7	15	2.14	0:04:18
Israel	6	7	1.17	0:01:36
Canada	5	12	2.40	0:06:35
Germany	5	9	1.80	0:00:51
Norway	5	11	2.20	0:00:19
Ireland	4	6	1.50	0:00:46
New Zealand	4	6	1.50	0:00:23
Estonia	3	24	8.00	0:25:53
Finland	3	4	1.33	0:00:58

Russia	3	6	2.00	0:07:27
Cyprus	2	20	10.00	0:03:30
Monaco	2	3	1.50	0:00:14
Slovenia	2	4	2.00	0:02:44
Tunisia	2	12	6.00	0:01:42
Bulgaria	1	2	2.00	0:00:55
Switzerland	1	2	2.00	0:02:34
Denmark	1	1	1.00	0:00:00
Algeria	1	3	3.00	0:02:56
Ukraine	1	3	3.00	0:03:30

Service Provider	Sessions	Pageviews	Pages/session	Avg session duration
service hydrographique et oceanographique de la marine	30	41	1.37	0:00:42
ministerie van verkeer en waterstaat/rijkswaterstaat	25	25	1.00	0:00:00
worldline france hosting	16	36	2.25	0:04:58
(not set)	13	24	1.85	0:05:24
mobile county commission	9	26	2.89	0:00:00
new mexico state university - main campus	9	27	3.00	0:00:00
synergy microsystems inc.	9	25	2.78	0:00:00
national maritime administration	6	15	2.50	0:02:20
tel aviv university	6	7	1.17	0:01:36
wind telecomunicazioni s.p.a	6	11	1.83	0:01:25
commission europeenne	5	5	1.00	0:00:00

destiny n.v	5	14	2.80	0:01:34
institut francais de recherche pour l exploitation de la mer - i	4	5	1.25	0:00:02
pat/nat ip addresses pop 2302 for	4	9	2.25	0:05:23
universita degli studi di trieste	4	6	1.50	0:00:17
vlaamse overheid	4	5	1.25	0:02:34
auckland college of education	3	3	1.00	0:00:00
centre tecnologic de telecomunicacions de catalunya	3	10	3.33	0:01:13
conservatoire du littoral	3	3	1.00	0:00:00
eastlink hsi	3	7	2.33	0:09:27
jsc er-telecom holding samara branch	3	6	2.00	0:07:27
pat/nat ip addresses pop 3904 for	3	6	2.00	0:14:01
universita degli studi di napoli federico ii	3	11	3.67	0:12:53
ziggo consumers	3	12	4.00	0:05:34
zscaler inc.	3	4	1.33	0:00:03
asonet tallinn city2	2	21	10.50	0:38:19
bouygues telecom res division for	2	3	1.50	0:09:32
brussels regent centre	2	6	3.00	0:01:11
etablissement public	2	4	2.00	0:05:12
european parliament	2	6	3.00	0:00:45
fastwb staff public subnet	2	9	4.50	0:00:54
fusion media networks ltd	2	2	1.00	0:00:00

gamma telecom dsl services	2	5	2.50	0:11:54
incubateur-ntic	2	2	1.00	0:00:00
infra	2	2	1.00	0:00:00
ip pools	2	2	1.00	0:00:00
ip range assigned to vf-it customers	2	2	1.00	0:00:00
istituto superiore per la protezione e la ricerca ambientale	2	5	2.50	0:01:09
ivent ministry of defence	2	5	2.50	0:07:30
jazztel mobile services	2	2	1.00	0:00:00
monaco-telecom	2	3	1.50	0:00:14
multiprotocol service provider to other isp s and end users	2	2	1.00	0:00:00
organisation	2	12	6.00	0:01:42
psi line srl	2	9	4.50	0:03:07
rcs & rds residential	2	2	1.00	0:00:00
statens kartverk	2	8	4.00	0:00:47
statoil asa	2	2	1.00	0:00:00
suomen ymparistokeskus	2	3	1.50	0:01:26
telecom italia s.p.a. tin easy lite	2	3	1.50	0:03:33
telefonica de espana sau	2	5	2.50	0:01:02
universita degli studi di palermo	2	2	1.00	0:00:00
universita di trento	2	9	4.50	0:04:16
university college cork	2	2	1.00	0:00:00

university of athens	2	6	3.00	0:03:50
adsl dynamic ip address pool	1	1	1.00	0:00:00
adsl-go-plus	1	1	1.00	0:00:00
alma mater studiorum universita di bologna	1	1	1.00	0:00:00
bell aliant / fibreop	1	2	2.00	0:02:39
bouygues telecom division mobile	1	1	1.00	0:00:00
brgm	1	1	1.00	0:00:00
bsann653 annecy bloc 2	1	1	1.00	0:00:00
bsren652 rennes bloc 2	1	1	1.00	0:00:00
bsstl681 saint lambert bloc 1	1	1	1.00	0:00:00
bsstl681 saint lambert bloc 2	1	1	1.00	0:00:00
bt-adsl	1	1	1.00	0:00:00
bti qxn rm	1	9	9.00	0:03:51
cablenet communication systems ltd	1	5	5.00	0:01:49
centrum voor landbouwkundig onderzoek	1	1	1.00	0:00:00
cnr - adr bologna	1	1	1.00	0:00:00
coditel brabant sprl/bvba	1	3	3.00	0:01:36
collecte localisation satellites sa	1	1	1.00	0:00:00
communaute francaise wallonie-bruxelles	1	2	2.00	0:00:23
completel sas	1	2	2.00	0:00:17
consiglio nazionale delle ricerche	1	2	2.00	0:01:10

cosmote mobile telecommunications s.a.	1	1	1.00	0:00:00
crawley	1	1	1.00	0:00:00
crimeacom south llc	1	3	3.00	0:03:30
customers ie	1	2	2.00	0:02:27
cyprus telecommunications authority	1	15	15.00	0:05:12
dcenr public facing services	1	2	2.00	0:00:37
deutsche telekom ag	1	1	1.00	0:00:00
digital ocean inc.	1	1	1.00	0:00:00
dynamic ip pool gprs customers	1	1	1.00	0:00:00
enel s.p.a	1	1	1.00	0:00:00
estonian national maritime board	1	3	3.00	0:01:03
european commission joint research centre - ispra (va)	1	2	2.00	0:00:30
european environment agency	1	1	1.00	0:00:00
free mobile sas	1	1	1.00	0:00:00
free sas	1	1	1.00	0:00:00
fundacao para a ciencia e a tecnologia i.p.	1	2	2.00	0:01:43
geodetski institut slovenije	1	3	3.00	0:05:28
h tel de r gion des pays de la loire	1	1	1.00	0:00:00
h3g s.p.a.	1	1	1.00	0:00:00
hartley anderson limited	1	2	2.00	0:18:22
hellenic army schools	1	2	2.00	0:02:33

helmholtz-zentrum geesthacht zentrum fuer material- und kuestenf	1	4	4.00	0:02:44
ifiber pa range	1	2	2.00	0:00:23
infrastructure for fastwebs main location	1	1	1.00	0:00:00
instituto espanol de oceanografia	1	1	1.00	0:00:00
instituto hidrografico	1	1	1.00	0:00:00
instituto portugues do mar e atmosfera - delegacao de algas	1	2	2.00	0:01:59
instituto tecnologico geominero de espan~a	1	1	1.00	0:00:00
ip range for wholesale customers	1	1	1.00	0:00:00
kcom group plc	1	1	1.00	0:00:00
lansstyrelsen i vastra gotalands lan	1	5	5.00	0:00:52
Input656 puteaux bloc 1	1	2	2.00	0:02:34
Input657 poitiers bloc 2	1	1	1.00	0:00:00
messagelabs limited	1	1	1.00	0:00:00
min.interno-dip.vigili del fuoco- socc.pubbl. e difesa civile	1	2	2.00	0:01:08
ministerie van defensie - huis ter heide	1	1	1.00	0:00:00
ministerio de defensa	1	1	1.00	0:00:00
mobistar sa	1	1	1.00	0:00:00
nas dhcp pool verona	1	3	3.00	0:02:26
nederlands instituut voor	1	1	1.00	0:00:00

onderzoek der zee				
nhtv internationale hogeschool breda	1	3	3.00	0:00:42
nordsee nassbagger	1	1	1.00	0:00:00
nos comunicacoes s.a.	1	2	2.00	0:00:55
nos wi-fi powered by fon	1	2	2.00	0:00:15
orange	1	2	2.00	0:02:36
orange france - wfp	1	3	3.00	0:04:01
orange mobile	1	3	3.00	0:03:22
orange spain network	1	1	1.00	0:00:00
ouk broadband ip stream	1	4	4.00	0:03:11
ovh hosting inc.	1	1	1.00	0:00:00
pat/nat ip addresses pop 3901 for	1	1	1.00	0:00:00
pool for broadband dsl customers	1	1	1.00	0:00:00
previder b.v.	1	1	1.00	0:00:00
proximus mobile internet	1	1	1.00	0:00:00
rcs & rds business	1	1	1.00	0:00:00
reading	1	1	1.00	0:00:00
red de servicios ip	1	1	1.00	0:00:00
regione autonoma friuli venezia giulia	1	1	1.00	0:00:00
regione emilia-romagna	1	1	1.00	0:00:00
republika slovenija ministrstvo za javno upravo	1	1	1.00	0:00:00

reseau adsl residentiel alger	1	3	3.00	0:02:56
senergy	1	1	1.00	0:00:00
sl-cgn	1	1	1.00	0:00:00
statically ip addresses assigned to vf dsl customers	1	6	6.00	0:13:54
stichting deltares	1	2	2.00	0:03:36
sympatico hse	1	3	3.00	0:01:55
teamnet international sa	1	1	1.00	0:00:00
technical research center	1	1	1.00	0:00:00
technische universiteit delft	1	1	1.00	0:00:00
telenet group bvba/sprl	1	2	2.00	0:00:19
telia network services	1	1	1.00	0:00:00
the united nations educational scientific and cultural organiza	1	1	1.00	0:00:00
tim	1	2	2.00	0:08:59
traffic broadband communications ltd.	1	2	2.00	0:00:55
universidad de cadiz	1	2	2.00	0:00:50
universidad de cantabria	1	1	1.00	0:00:00
universidad de granada	1	1	1.00	0:00:00
universidade do porto	1	1	1.00	0:00:00
universidade dos acores	1	1	1.00	0:00:00
universita degli studi di pavia	1	1	1.00	0:00:00
universita di roma tre	1	2	2.00	0:04:54

universitat de les illes balears	1	1	1.00	0:00:00
universite de la rochelle	1	1	1.00	0:00:00
universite pierre et marie curie	1	1	1.00	0:00:00
university of southampton	1	1	1.00	0:00:00
university of ulster at coleraine	1	2	2.00	0:00:15
van den herik	1	1	1.00	0:00:00
vastra gotalandsregionen	1	1	1.00	0:00:00
voice	1	2	2.00	0:00:54
voip-operator access infrastructure	1	1	1.00	0:00:00
voyager internet ltd.	1	3	3.00	0:01:31
wholesale customers	1	1	1.00	0:00:00
wind hellas telecommunications sa	1	1	1.00	0:00:00
wirelessbelgie	1	2	2.00	0:28:34
xarxa informatica de la	1	1	1.00	0:00:00
xdsl access and service provider in norway	1	1	1.00	0:00:00
xs4all internet bv	1	1	1.00	0:00:00