



EMODnet Coastal Mapping Project

Tender no MARE/2014/10

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

Tri-monthly Report

Reporting Period: 16/10/2017 – 15/01/2018

Date: 26/01/2018

1. Highlights in this reporting period

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

Since the signature of the 2nd amendment of the service contract, the reporting period is modified from bi-monthly to quarterly periods. Accordingly and in order to be aligned with the other EMODnet projects, the last progress report covered the period from mid-July to mid-October 2017. So, this progress report covers a three-monthly period from mid-October 2017 to mid-January 2018.

The project is in the maintenance period since the approval of the interim report in March 2017. So, the activity is currently mainly devoted to the promotion of the results. **The service contract will end on June 25th, 2018. So, at this moment, the portal should be closed and data and all developments should be lost.**

By the act n. G18650 of 27/12/2017, the Lazio Region awarded a service contract to implement the web-portal EMODNET with a set of georeferenced information concerning bathymetric maps and other marine information along the Lazio Region's coastal platform.

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

Nothing to report.

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.

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.

Nothing to report.

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 2).

6.1. Website global statistics

The statistics are more detailed in Annex 2.

Period	Unique visitors	Number of visits	Pages
16/10/17-15/01/18	211	263	511

Country	Sessions	Pages/session
France	53	1.89
Italy	38	2.24
Portugal	28	1.36
United Kingdom	25	1.56
Belgium	18	2.28
Spain	18	2.72
Greece	15	2.40
Netherlands	14	1.64
Germany	5	1.00
Ireland	5	3.40

Service Provider	Sessions	Pages/session
nos comunicacoes s.a.	14	1.07
service hydrographique et oceanographique de la marine	14	1.86

worldline france hosting	13	2.23
(not set)	11	2.82
instituto politecnico de setubal	10	1.00
flanders marine institute	5	2.20
universita iuav di venezia	5	1.20
university of ulster	5	2.00
ftip003376287 heriot watt university	4	1.00
multiprotocol service provider to other isp s and end users	4	1.00

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 Coastline	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: Global website statistics

Period	Users	Sessions	Pageviews	Pages/session	Avg session duration
16/10/17-15/01/18	211	263	511	1.94	00:01:37

Country	Sessions	Pageviews	Pages/session	Avg session duration
France	53	100	1.89	0:02:15
Italy	38	85	2.24	0:01:24
Portugal	28	38	1.36	0:00:42
United Kingdom	25	39	1.56	0:00:47
Belgium	18	41	2.28	0:01:11
Spain	18	49	2.72	0:02:00
Greece	15	36	2.40	0:03:06
Netherlands	14	23	1.64	0:01:01
Germany	5	5	1.00	0:00:00
Ireland	5	17	3.40	0:02:56
United States	5	13	2.60	0:02:01
China	4	4	1.00	0:00:00
Denmark	4	6	1.50	0:00:30
Sweden	4	4	1.00	0:00:00
Austria	3	3	1.00	0:00:00
India	3	8	2.67	0:05:55
Estonia	2	10	5.00	0:02:26
Iceland	2	2	1.00	0:00:00
Latvia	2	5	2.50	0:01:01
Morocco	2	2	1.00	0:00:00

Norway	2	3	1.50	0:00:38
Brazil	1	1	1.00	0:00:00
Canada	1	2	2.00	0:05:32
Ghana	1	1	1.00	0:00:00
Malta	1	1	1.00	0:00:00
Philippines	1	2	2.00	0:06:08
Poland	1	1	1.00	0:00:00
Romania	1	1	1.00	0:00:00
Serbia	1	1	1.00	0:00:00
Russia	1	2	2.00	0:07:48
Thailand	1	4	4.00	0:05:05
Tunisia	1	2	2.00	0:16:58

Service Provider	Sessions	Pageviews	Pages/session	Avg session duration
nos comunicacoes s.a.	14	15	1.07	0:00:01
service hydrographique et oceanographique de la marine	14	26	1.86	0:03:32
worldline france hosting	13	29	2.23	0:02:52
(not set)	11	31	2.82	0:03:39
instituto politecnico de setubal	10	10	1.00	0:00:00
flanders marine institute	5	11	2.20	0:03:03
universita iuav di venezia	5	6	1.20	0:03:15
university of ulster	5	10	2.00	0:01:08
ftip003376287 heriot watt university	4	4	1.00	0:00:00
multiprotocol service provider to other isp s and end users	4	4	1.00	0:00:00
telecom italia s.p.a. tin easy lite	4	8	2.00	0:02:33

amazon technologies inc.	3	4	1.33	0:00:00
chinanet beijing province network	3	3	1.00	0:00:00
hellas on line s.a.	3	10	3.33	0:10:01
infrastructure for fastweb s main location	3	22	7.33	0:02:59
istituto superiore per la protezione e la ricerca ambientale	3	8	2.67	0:01:06
national maritime administration	3	3	1.00	0:00:00
orange mobile	3	6	2.00	0:00:44
telefonica de espana sau	3	7	2.33	0:02:20
universita degli studi di trieste	3	11	3.67	0:01:03
adsl-go-plus	2	7	3.50	0:00:30
brgm	2	11	5.50	0:01:58
direcciones ip clientes abi	2	18	9.00	0:06:38
dynamic pools	2	2	1.00	0:00:00
fastwb staff public subnet	2	2	1.00	0:00:00
ftip003445440 maritime and coastguard agency	2	2	1.00	0:00:00
hellenic centre for marine research - athens	2	4	2.00	0:04:39
idaviru county government	2	10	5.00	0:02:26
ihe delft	2	2	1.00	0:00:00
institut francais de recherche pour l exploitation de la mer - i	2	2	1.00	0:00:00
latvian environment geology and meteorology agency	2	5	2.50	0:01:01
leeson telecom holdings ltd	2	2	1.00	0:00:00
r cable y telecomunicaciones galicia s.a.	2	3	1.50	0:03:09
rina spa	2	4	2.00	0:02:00
sarenet s.a.	2	2	1.00	0:00:00
scarlet belgium nv	2	10	5.00	0:01:34

skov og naturstyrelsen	2	4	2.00	0:01:00
strato ag	2	2	1.00	0:00:00
the university of st. andrews	2	2	1.00	0:00:00
universidade nova de lisboa	2	2	1.00	0:00:00
velopa	2	6	3.00	0:01:00
vlaamse overheid	2	2	1.00	0:00:00
vodafone wireless internet services	2	2	1.00	0:00:00
adapt services limited	1	8	8.00	0:01:27
adsl_maroc_telecom	1	1	1.00	0:00:00
adsl-pro	1	1	1.00	0:00:00
adsl1	1	4	4.00	0:00:40
adsl40	1	1	1.00	0:00:00
advania hf.	1	1	1.00	0:00:00
aix-marseille universite - amu	1	1	1.00	0:00:00
b2b de meern	1	1	1.00	0:00:00
bluet di robotti diego public subnet	1	2	2.00	0:00:36
bras pools - secunderabad	1	1	1.00	0:00:00
broadnet as	1	1	1.00	0:00:00
bsdij655 dijon bloc 1	1	1	1.00	0:00:00
cardiff university	1	1	1.00	0:00:00
celeste sas	1	3	3.00	0:00:43
centre de ressources informatique	1	1	1.00	0:00:00
centre de ressources informatiques universite de caen	1	3	3.00	0:02:06
china unicom beijing province network	1	1	1.00	0:00:00
cnr - ismar sez. di ancona	1	2	2.00	0:03:12
coditel brabant sprl/bvba	1	1	1.00	0:00:00
commission europeenne	1	1	1.00	0:00:00
consortium garr	1	1	1.00	0:00:00

construction navale	1	1	1.00	0:00:00
cpe customers nl	1	2	2.00	0:00:06
customer pppoe dynamic delivery block1	1	2	2.00	0:00:15
dcentr public facing services	1	13	13.00	0:14:40
dummy organisation object	1	1	1.00	0:00:00
exponential-e ltd.	1	1	1.00	0:00:00
forskningsnettet - danish network for research and education	1	1	1.00	0:00:00
ftip003194010 hydrographics department	1	1	1.00	0:00:00
halfdan wilhelmsens alle 22 as	1	2	2.00	0:01:16
https/ssl hosting service	1	1	1.00	0:00:00
indian institute of technology kharagpur india	1	5	5.00	0:16:50
indrasistemas_net	1	4	4.00	0:04:09
infrastructure for fastwebs main location	1	1	1.00	0:00:00
ingenieursbureau oranjewoud bv independent consulting	1	2	2.00	0:00:22
ingv - sezione di bologna	1	1	1.00	0:00:00
institute of marine biology of crete	1	1	1.00	0:00:00
instituto tecnologico geominero de espan~a	1	2	2.00	0:01:07
ip addresses allocated to dsl customers	1	3	3.00	0:00:25
ip addresses assigned to vf customers	1	1	1.00	0:00:00
ips for broadband customers	1	2	2.00	0:00:35
islenskar orkurannsoknir isor	1	1	1.00	0:00:00
ivent ministry of defence	1	2	2.00	0:04:56
jsc er-telecom holding samara branch	1	2	2.00	0:07:48

kabel deutschland breitband customer 16	1	1	1.00	0:00:00
lasotel sarl	1	1	1.00	0:00:00
linkem ir wimax network	1	1	1.00	0:00:00
maersk olie og gas	1	1	1.00	0:00:00
malta information technology agency (mita)	1	1	1.00	0:00:00
marine institute offices	1	1	1.00	0:00:00
mobile broadband isp	1	1	1.00	0:00:00
nas dhcp pool bari	1	1	1.00	0:00:00
nas dhcp pool rimini	1	1	1.00	0:00:00
national geographic institute	1	1	1.00	0:00:00
nederlandse defensie academie (nl da)	1	1	1.00	0:00:00
network of arcadis nv	1	1	1.00	0:00:00
newton abbot	1	1	1.00	0:00:00
normhost internet services	1	1	1.00	0:00:00
nos madeira comunicacoes s.a	1	10	10.00	0:19:03
orange wbc broadband	1	1	1.00	0:00:00
organisation	1	2	2.00	0:16:58
planetek italia public subnet	1	1	1.00	0:00:00
pldt_jnehubs003_dhcp	1	2	2.00	0:06:08
pop nc idf2	1	1	1.00	0:00:00
provider local registry	1	1	1.00	0:00:00
rabat_3g_maroctelecom	1	1	1.00	0:00:00
rcs & rds business	1	1	1.00	0:00:00
rectorat de l academie de nantes	1	1	1.00	0:00:00
red de supercomputacion de galicia	1	1	1.00	0:00:00
societe francaise du radiotelephone s.a.	1	1	1.00	0:00:00

static ip	1	1	1.00	0:00:00
stichting deltares	1	1	1.00	0:00:00
sveriges geologiska undersokning (sgu)	1	1	1.00	0:00:00
swansea university	1	1	1.00	0:00:00
talktalk communications limited	1	3	3.00	0:12:40
telef nica brasil s.a	1	1	1.00	0:00:00
telefonica o2 germany gmbh & co. ohg	1	1	1.00	0:00:00
telekom srbija adsl users	1	1	1.00	0:00:00
telfort b.v.	1	3	3.00	0:03:12
tennet tso b.v.	1	2	2.00	0:05:01
the university of edinburgh	1	1	1.00	0:00:00
true internet co. ltd.	1	4	4.00	0:05:05
universidad de cadiz	1	4	4.00	0:00:45
universidad de m laga	1	4	4.00	0:03:19
universidad de murcia	1	1	1.00	0:00:00
universidade do estado do rio de janeiro	1	1	1.00	0:00:00
universita degli studi di genova	1	2	2.00	0:00:14
universita degli studi di siena	1	2	2.00	0:01:40
universita di siena	1	1	1.00	0:00:00
universitaet bremen	1	1	1.00	0:00:00
universite de bordeaux - dsi	1	1	1.00	0:00:00
university of the aegean	1	2	2.00	0:00:07
upc polska sp. z o.o.	1	1	1.00	0:00:00
utrecht university	1	1	1.00	0:00:00
videotron ltee	1	2	2.00	0:05:32
virgin media limited	1	1	1.00	0:00:00
vodafone espana s.a.u.	1	1	1.00	0:00:00
vodafone ghana adsl dynamic	1	1	1.00	0:00:00

address expanded pool2				
wanadoo adsl customers with static addresses	1	1	1.00	0:00:00
websurf online	1	2	2.00	0:00:56
windtre s.p.a	1	2	2.00	0:00:39