



Contract No MARE/2012/10

Knowledge base for growth and innovation in ocean economy: assembly and dissemination of marine data for seabed mapping

Lot 7 – Human activities

February 2014

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The portal



EMODnet Pilot portal for Human Activities

SEARCH, DISCOVER, ANALYZE & INFORM
Unlocking European Marine Data
Quality controlled, expert validated marine data covering all European basins for research, resource management and planning. [Read more](#)

EMODnet Human Activities is a **FREE** marine data resource for all. [REGISTER](#)

view >
View GIS data using the pilot map portal. The pilot map portal displays human activities GIS data collated for three sea regions in Europe. [View more](#)

search >
Search and access GIS data and metadata using the pilot data catalogue. The pilot data catalogue provides direct and free access to human activities GIS data and metadata. [View more](#)

register >
Registering allows free access to data downloads. It also helps us to know what types of organisations are using the data and why. [View more](#)

EMODnet Central Portal
The EMODnet Central Portal provides access to marine data from the following themes: hydrography, geology, physical parameters, chemistry, biology, and physical habitats. See the [EMODnet Central Portal website](#) for more.

News
Lorem ipsum dolor sit amet, consectetur adipiscing elit. [View more](#)

Testimonials
"Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus dap ipsum, cursus at adipiscing porta, vestibulum quis turpis." [John Doe, Company Name](#)

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The map



EMODnet Pilot portal for Human Activities

Home View Data Search Data Submit Data Support About Documents

Layers

Map data ©2014 DeLBSa-DE/BNQ (©2009), Google Imagery ©2014 TerraMetrics

EMODnet European Marine Observation and Data Network

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The map



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Home View Data Search Data Submit Data Support About Documents

Map Layers

- Boreholes
- Ports

Layers

Area (km²): 59,887
Area (ha): 5988,683

Imagery ©2014 TerraMetrics


EMODnet European Marine Observation and Data Network


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Datasets summary

Activity	Geographic type	Attributes
Aggregate extraction	Points (or polygons)	Gravel extracted per year
Shipping	Grid	Average number of vessels per year
Cultural heritage	Points	
Dredging	Polygons	Status (years, operational), purpose
Fisheries zones	Polygons	ICES and FAO nomenclature
Hydrocarbon extraction	Point	Status (exploration, exploitation)
Major ports	Point	Traffic
Mariculture	Point	Species; production tonnage per year
Ocean energy facility	Point	Type, status (planned, operational...)
Pipelines and cables	Lines	Types of cable/pipeline, width
Protected areas	Polygons	Legal basis for protection
Waste disposal	Polygons (or points)	Status (years operational)
Wind farms	Points	No of turbines, capacity, status
Other areas	Polygons	National or international formal basis

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- ## Main difficulties so far
- ➔ Several data sources are not collaborating
 - ➔ Most data sources do not offer WFS services
 - ➔ Data harmonisation is particularly challenging when we're dealing with "difficult languages"
 - ➔ Some sources put restrictions to the use of their data
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Some examples

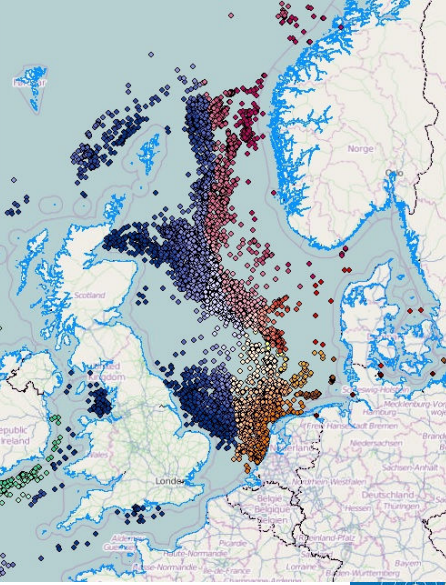


Identify from: UK_wells

Location: -932,589,201 4,407,998,742 Meters

Field	Value
OBJECTID	16
Name	Imperador-1
Code	Im-1
Status	P & A
Year	1975
Operator	CHEVRON OIL COMP.
Type of hydrocarbon	NATURAL GAS
Distance from coast (meters)	33791,531995

Identified 1 feature



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Some examples



Table

traffic_passengers

OBJECTID	Year	REP_MAAR	PORT_ID	Port	Direction	Type of traffic	1000 passengers (excluding cruise passengers)
36535	2009	IT00TCVV	ITCVV	Civitavecchia	Total	Total transport	2558
36607	2009	IT00TCVV	ITCVV	Civitavecchia	Total	National	2559
38679	2009	IT00TCVV	ITCVV	Civitavecchia	Total	International	0
38751	2009	IT00TCVV	ITCVV	Civitavecchia	Inwards	Total transport	1288
38823	2009	IT00TCVV	ITCVV	Civitavecchia	Inwards	National	1288
38895	2009	IT00TCVV	ITCVV	Civitavecchia	Inwards	International	0
38967	2009	IT00TCVV	ITCVV	Civitavecchia	Outwards	Total transport	1272
39039	2009	IT00TCVV	ITCVV	Civitavecchia	Outwards	National	1272
39111	2009	IT00TCVV	ITCVV	Civitavecchia	Outwards	International	0
43098	2010	IT00TCVV	ITCVV	Civitavecchia	Total	Total transport	2237
43098	2010	IT00TCVV	ITCVV	Civitavecchia	Total	National	2237
43170	2010	IT00TCVV	ITCVV	Civitavecchia	Total	International	0
43242	2010	IT00TCVV	ITCVV	Civitavecchia	Inwards	Total transport	1118
43314	2010	IT00TCVV	ITCVV	Civitavecchia	Inwards	National	1118
43386	2010	IT00TCVV	ITCVV	Civitavecchia	Inwards	International	0
43458	2010	IT00TCVV	ITCVV	Civitavecchia	Outwards	Total transport	1118
43530	2010	IT00TCVV	ITCVV	Civitavecchia	Outwards	National	1118
43602	2010	IT00TCVV	ITCVV	Civitavecchia	Outwards	International	0
47617	2011	IT00TCVV	ITCVV	Civitavecchia	Total	Total transport	2189
47689	2011	IT00TCVV	ITCVV	Civitavecchia	Total	National	2052
47681	2011	IT00TCVV	ITCVV	Civitavecchia	Total	International	117
47733	2011	IT00TCVV	ITCVV	Civitavecchia	Inwards	Total transport	1100
47685	2011	IT00TCVV	ITCVV	Civitavecchia	Inwards	National	937
47877	2011	IT00TCVV	ITCVV	Civitavecchia	Inwards	International	63
47949	2011	IT00TCVV	ITCVV	Civitavecchia	Outwards	Total transport	1069
48021	2011	IT00TCVV	ITCVV	Civitavecchia	Outwards	National	1016
48093	2011	IT00TCVV	ITCVV	Civitavecchia	Outwards	International	53

(99 out of 49401 Selected)

Ports: [traffic_passengers]



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Thanks for your attention!

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