Human Activities

8th EMODnet Steering Committee Meeting
14 September 2017

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Updates

- **A few datasets have been updated**:
- Extraction of aggregates
- Dredging
- Hydrocarbon extraction
- Cables
- Port traffic
- Ocean Energy
- Fisheries
- Mariculture
- Protected areas
- State of bathing waters

- **Soon to be updated**:
- Freshwater aquaculture
- MSP
- Wind farms
- Waste disposal in ports

EMODnet LIVE Chat

Anna Kęsicka
Support Agent

👍 | 👎 | ✉

Anna Kęsicka

Hello. How may I help you?

Type in your message here and press Enter to send

Who's using EMODnet HA

- **In the last 3 months 68 organisations around the world have downloaded our data, among which:**
  - Private companies
  - Universities
  - Research organisations

- **High number of companies from the energy sector, among which:**
  - ExxonMobil Development Co., US
  - Faroe Petroleum, NO
  - Genesis Oil and Gas Ltd, UK
  - Shell UK Ltd, UK
  - Innogy, DE
  - Natural Power, UK

Downloaded dataset

Wind Farms	54	Aggregate Extraction	8
Telecommunication Cables (schematic)	38	Fish Catches	8
Main Ports	26	Natura2000	8
Telecommunication Cables (actual)	26	Fish Sales	5
Dredge Spoil Dumping	21	Advisory Councils	4
Shellfish Production	20	Lighthouses	4
Offshore Installations	19	State of Bathing Waters	4
Ocean Energy Facilities	18	Barcelona Convention	0
Dumped Munitions	12	Bucharest Convention	0
Hydrocarbon Extraction Active Licenses	12	FAO Fishery Statistical Areas	0
Hydrocarbon Extraction Boreholes	12	HELCOM Maritime Area	0
Dredging	10	OSPAR Maritime Area	0
Finfish Production	10	Telecommunication Landing Stations	0
ICES Statistical Areas	10	Ship Wrecks	n/a
Maritime Boundaries	10	Submerged Prehistoric Archaeology and Landscapes	n/a
CDDA	9		

Users

Aalborg University (Research), DK	Leidos (Environment), US
Royal Boskalis Westminster N.V. (Other), NE	MarineSpace ltd (Environment), UK
Bundeswehr Geoinformation Service (Other), DE	MESL (Research), UK
Carl von Ossietzky University of Oldenburg (Environment), DE	MetOcean Solutions (Environment), NZ
Centre for Environment, Fisheries and Aquaculture Science (Fisheries and agriculture), UK	MFRC - GMIT (Education), IE
Cerema (Physical planning), FR	Mita Drius (Environment), IT
DEME (Energy), BE	National Institute of Oceanography and Experimental Geophysics (Fisheries and agriculture), IT
DG3 (Energy), PT	Natural Power (Energy), UK
dpa-infografik (Education), DE	NLMOD (Research), NE
DROTA (Environment), PT	PwC (Energy), NE
DTU (Fisheries and agriculture), DK	Région Nouvelle-Aquitaine (Energy), FR
Ecologic (Research), DE	Roland Berger (Research), UK
EDPR UK (Energy), UK	RPS (Environment), UK
Energy and Water Associates (Energy), UK	RWTH Aachen University (Energy), DE
Eni (Mining), IT	Scottish Association for Marine Science (Research), UK
Envision Mapping Ltd (Environment), UK	Shell (Other), NG
ERM (Environment), IT & UK	Shell UK Ltd (Energy), UK
Esri UK (Research), UK	Shom (Other), FR
Eticas (Other), ES	Siggis (Energy), BE
ExxonMobil Development Co. (Energy), US	SMRU Consulting (Environment), UK
Faroe Petroleum (Energy), NO	SOCIB (Research), ES
Flanders Marine Institute (Fisheries and agriculture), BE	Swansea University (Education), UK
Genesis Oil and Gas Ltd (Energy), UK	Swire Seabed (Physical planning), NO
GIS VALPENA (Fisheries and agriculture), FR	TC Vode - ETCICM (Environment), SI
Greenpeace (Environment), UK	Technical Education Copenhagen - TEC (Other), DK
G-tec (Other), BE	The Renewables Consulting Group (Energy), UK
Hansa Hydrocarbons Ltd (Energy), UK	University College Cork - UCC (Education), IE
HPC (Environment), IT	uDolap Technische Ecologie (Environment), NE
Institute of Interim Management (IIM) (Other), IT	Ulster University (Research), IE
innogy SE (Energy), DE	University of Malaga (Tourism), ES
Italia Hydrographic Institute (Other), IT	UN-IHE Delft (Education), NE
Jenrick (Environment), NE	Università Iuav di Venezia (Physical planning), IT
Joint Nature Conservation Committee (Environment), UK	Wageningen Marine Research (Research), NE
Joint Research Centre - JRC (Energy), NE	World Maritime University (Research), SE

Global interoperability

- WP Analysis on interoperability with international partners will start on 1st November 2017

- Main source of information: GOOS, UNESCO's inventory "MSP Around the World", World Ocean Council, Marine Cadastre (US), initiatives in Australia, China, Japan, etc.

- Each initiative mapped will be reported in a pro forma, structured as follows:
    - Title
    - Geographic area/countries involved
    - Short description
    - Governance (Authorities, sectors and stakeholders involved) and legal basis
    - Initial planning issue or driver (objectives)
    - Timescale of the project
    - Funding
    - Data and data sources
    - Analysis of standards and protocols
    - Number and type of users
    - Dissemination and communication strategy
    - Hyperlink

9/14/2017

Other issues

- **DOI:** we haven't implemented yet, but we support the idea. Any suggestion on which registration agency to consider?

- **Common reference coastline:** never discussed it, but it makes sense to have one.

Vessel density map

- Meeting with MARE, EMSA, HELCOM, JRC, LuxSpace and Human Activities on 6 September 2017.

- EMSA has been mandated to "start preparing" to provide vessel density maps based on AIS data.

- EMSA would make the map themselves, but wants to discuss the method with EMODnet.

- Human Activities will prepare a detailed list with objectives, requirements and methods. The list will be circulated among EMODnet portals and checkpoints, and will have to be shared with EMSA by 15 October.

Not so fast!

There are some issues to address:
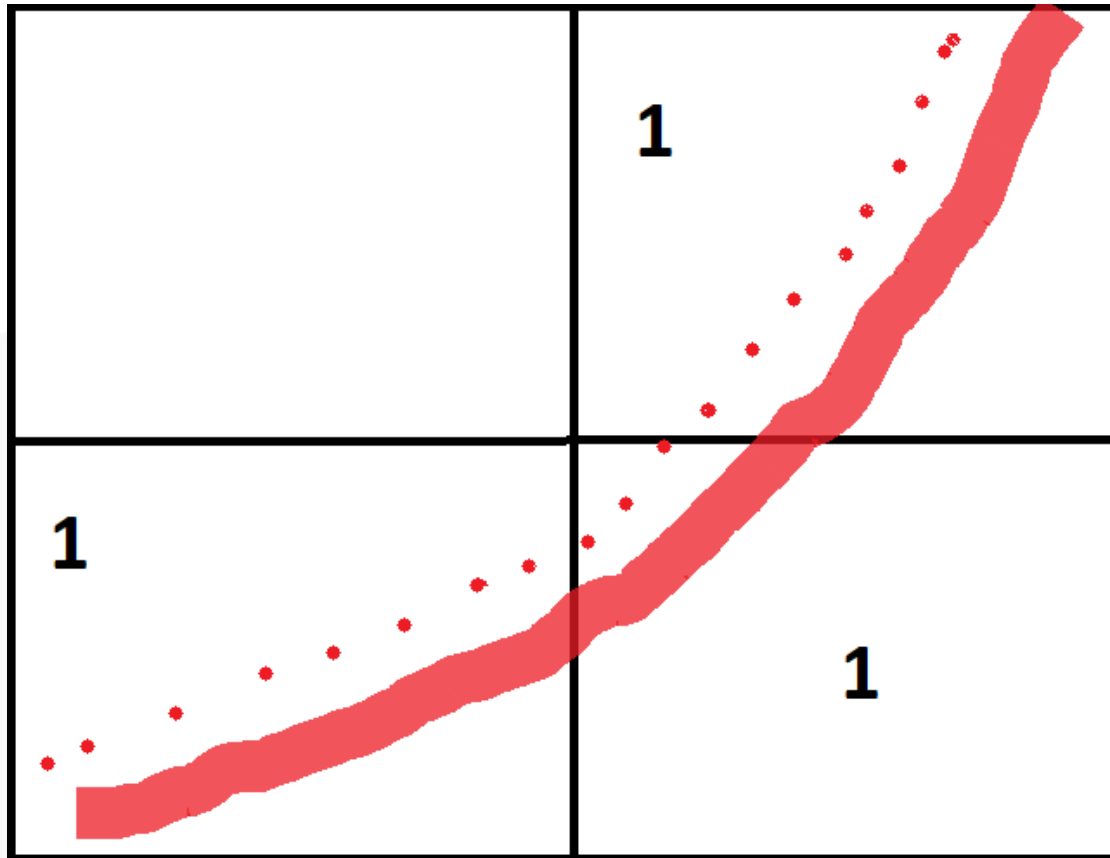
- EMSA's decision-making process may not be fast enough for HA's contractual obligations.

- EMSA's may decide to not take into account some of our recommendations.

- We'd prefer receiving the raw data from them, but working on the method ourselves, because we've got to make sure the whole EMODnet community is involved.
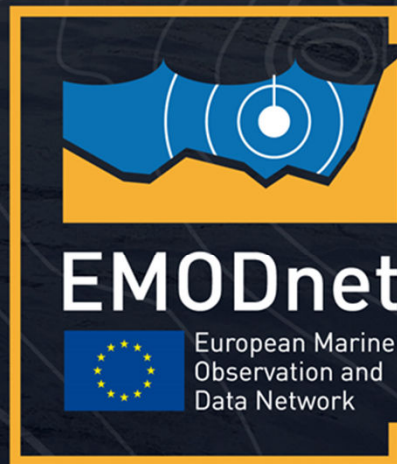
What is density?

EMODnet

European Marine
Observation and
Data Network

www.emodnet.eu

Your gateway to marine data in Europe