8th EMODnet Technical Working Group meeting

Feedback from EMODnet

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Seabed Habitats
www.emodnet-seabedhabitats.eu

Status update

((o)) Main achievements
- ((o)) Mapper functionality
- ((o)) Dockerised GeoServer containers
- ((o)) QA/QC maps & datasets – <u>R Shiny app</u>, VBA scripts
- ((o)) More M2M datasets provided
- ((o)) Data download forms
- ((o)) Ownership of website domain transferred from UK to EU

((o)) Main challenges
- ((o)) JIRA issue EMODNET-33 (raised by EASME)
- ((o)) Cookie policy issue

Portal Cookies

ESH Cookies currently not compliant

Users must have the option to manage cookie types

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JNCC version from Civicuk.com @ €40/year

Decision required by data controller (EASME)

Next few months

((•)) Mapper functionality

((•)) Revamping GitHub pages – mapper guidance, tutorials accessing data

((•)) OBIS integration – extracting benthic habitat data using M2M connections

((•)) Cookies policy

Indicator 1- Geodata coverage ideas Data

Portal	Reported Unit	Typical Size of Unit (MB)	Main Data Type
Seabed Habitats	Data: Number of records (points)	Small	Point records;

No area coverage – quantity only

Number of records used so far

Possible normalisation required against other portals?

Indicator 1- Geodata coverage ideas
Data products

Portal	Product	Total size of product (MB)	Format of product
Seabed Habitats	EUSeaMap (vector)	28400	Geodatabase
	Environmental variables (raster)	16500	GeoTIFF
	Habitat maps (vector)	5400	ESRI Shapefile, GeoJSON, Tabular
	Composite products (vector)	1327	ESRI Shapefile, GeoJSON, Tabular

Can calculate area coverages in various options

EUSeaMap ~3million polygons

Habitat maps - ~900 individual maps, fine-scale, coverage by number of datasets

Rasters – coverage done by number of datasets

Coverage works for EUSeaMap & maps, but not composite products

Possibly portal overlaps

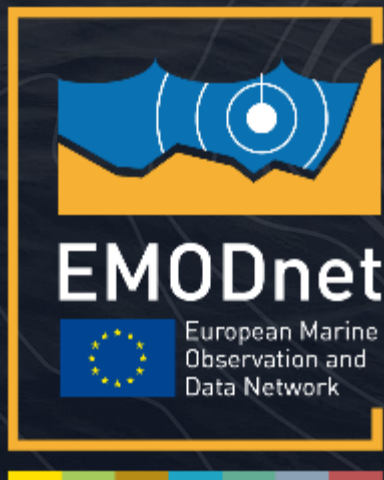*Suggestion*: Central portal to provide reference layers and methodology for portals to use

Indicator 1- Geodata data density ideas

- Need to understand more – what specifically is this asking for?

- Parameter: Number of points in spatial grid/cell? Spatial coverage (%) of grid/cell (for polygons/rasters)?

- Simplified processing methods for all portals (commonalities will likely exist)

- Spatial bin - ICES grids? Annex I Habitat Directive reporting grids?

- Time bins – tricky for Seabed Habitats, lack of long-term monitoring data

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