


EMODnet
European Marine
Observation and
Data Network
Your gateway to marine data in Europe

Seabed Habitats update

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The European Marine Observation and Data Network (EMODnet) is financed by the European Union under Regulation (EU) No 509/2014 of the European Parliament and of the Council of 15 May 2014 on the European Maritime and Fisheries Fund.




Overview

1. Progress:
 - General highlights so far (May to September)
 - Engagement with other lots
 - Global interoperability
2. Uptake and use by businesses
3. Our views on:
 - Use of DOIs
 - Common EMODnet reference coastline
 - Feeding project data into EMODnet

Progress: general highlights

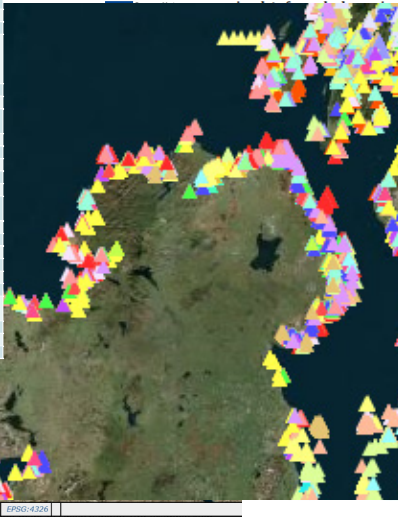


EMODnet
European Marine Observation and Data Network






EC contract no. MARE/2012/10
Knowledge base for growth and innovation in ocean economy: Assembly and dissemination of Lot #3

Field_name	Darwin_element
SampleID	eventID
HabitatOccurrenceID	Record-levelID
Date	Event:eventDate
	Record-level datasetID or Record-level datasetName or Record-level bibliographicCitation or Record-level references
Project / Reference Owner/Contact	Record-level rightsHolder
Cruise	Record-level accessRights or Record-level License
seabed_habi	Record-level accessRights or Event-samplingProtocol?
Welcome	Strategy
	Method
EMODnet broad	Location:decimalLatitude
(EUSeaMap)	Location:decimalLongitude
MSFD Benthic B	Location:geodeticDatum
Infralittoral c	Location:minimumDepthInMeters or Location:maximumDepthInMeters
Infralittoral m	measurementValue
Infralittoral r	measurementUnit
Infralittoral r	measurementDeterminedBy
Circolittoral c	measurementDeterminedDate
Circolittoral m	measurementDeterminedMethod
Circolittoral r	measurementValue
Offshore c	measurementUnit
Offshore c	ResourceRelationship
Offshore c	ResourceRelationship
Offshore c	ResourceRelationship
Circolittoral r	measurementRemarks
Upper bathyal sediment	
Upper bathyal rock and biogenic reef	
Upper bathyal sediment or Upper bathyal rock and biogenic reef	
Lower bathyal sediment	
Lower bathyal rock and biogenic reef	
Lower bathyal sediment or Lower bathyal rock and biogenic reef	
Upper bathyal sediment or Lower bathyal sediment	
Upper bathyal rock and biogenic reef or Lower bathyal rock and biogenic reef	
Abyssal	
Na	



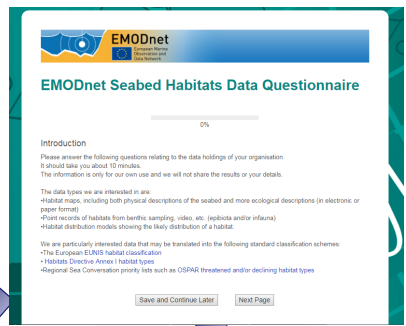
at map

Scale = 1 : 55M Right click on the map to query an object 2,41721, 69.19742 EPSG:4326

Partner Suggested first contact with

Marine Institute	Netherlands
NIVA	
SYKE	Russia (Baltic)
	Estonia
	Latvia



EMODnet Seabed Habitats Data Questionnaire

Introduction

Please answer the following questions relating to the data holdings of your organisation. It should take you about 10 minutes. The information is only for our own use and we will not share the results or your details.


The data types we are interested in are:

- Habitat maps, including both physical descriptions of the seabed and more ecological descriptions (in electronic or paper format)
- Point records of habitats from benthic sampling, video, etc. (epibionts and/or infauna)
- Habitat distribution models showing the likely distribution of a habitat.

We are particularly interested in data that may be translated into the following standard classification schemes:

- The European EUNIS habitat classification
- Habitats Directive Annex I habitat types
- Regional Sea Convention priority lists such as OSPAR threatened and/or declining habitat types

Save and Continue Later Next Page



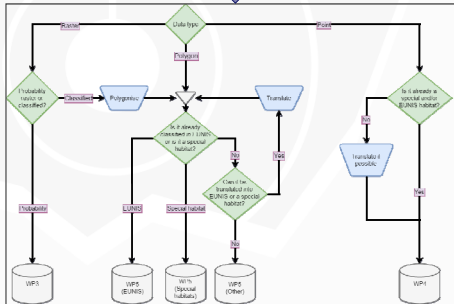
EMODnet Data Ingestion Portal

Welcome to the EMODnet Data Ingestion portal

The European Marine Observation and Data Network (EMODnet) consists of more than 140 organisations that together work on assembling, harmonising and making marine data, products and metadata more available to public and private users. This Data Ingestion portal facilitates additional data managers to ingest their marine datasets for further processing, archiving in open data and contributing to publications for science.

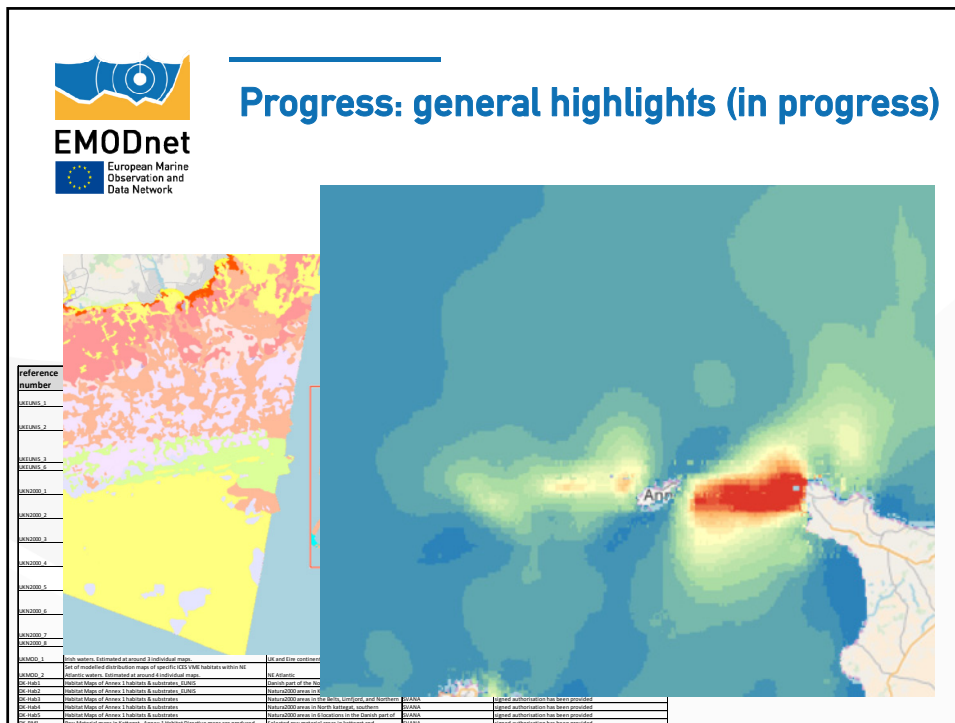
Submit your data → to submit marine datasets by

Check guidelines for formatting data → The wider use and processing of your submitted datasets by public users and by




```

graph TD
    Start([Start]) --> Q1{Is the data in a standard format?}
    Q1 -- No --> W1[Work with partner to standardise data]
    Q1 -- Yes --> Q2{Is the data already translated into EUNIS or a regional habitat type?}
    Q2 -- No --> W2[Work with partner to translate data]
    Q2 -- Yes --> Q3{Can the data be translated into EUNIS or a regional habitat type?}
    Q3 -- No --> W3[Work with partner to translate data]
    Q3 -- Yes --> W4[Work with partner to translate data]
    W1 --> W2
    W2 --> W3
    W3 --> W4
    W4 --> End([End])
    
```



Progress: Engagement with other lots

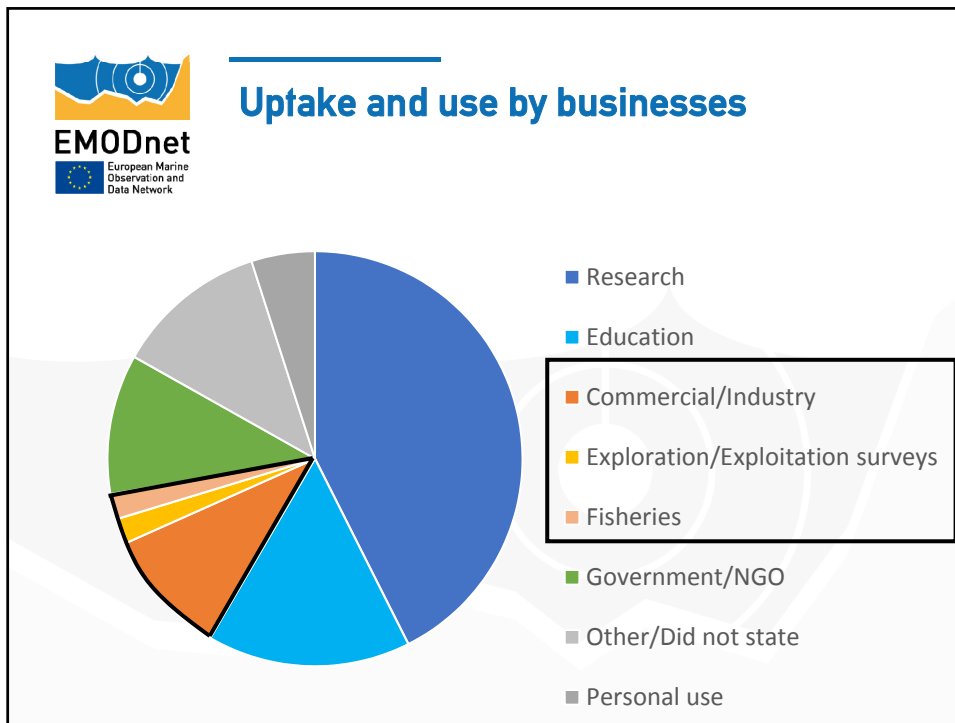
- Action 15: “all thematic lots to ... facilitate interactions between ... other lots where appropriate and report at next SC meeting”



Uptake and use by businesses

*** Please select a reason for the download:**

- Government
- Research
- Education
- Commercial/industry
- Fisheries
- Exploration/Exploitation surveys
- Personal use
- Other reason for download/usage (no more than 200 characters)



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Our view on: Use of Digital Object Identifiers (DOIs)

EC contract no. MARE/2012/10
 Knowledge base for growth and innovation in ocean economy: Assembly and dissemination of marine data for seabed mapping – Lot #3

EUSeaMap
A European broad-scale seabed habitat map

Final Report
June 2017

Think it's a good idea for data/products too



Our view on: Common EMODnet reference coastline

- ◉ Think it's a good idea for creation of new products – a common and predictable extent for broad-scale habitat map (EUSeaMap), DEM and substrate layer.
- ◉ Collation of existing habitat maps from surveys: these should retain their existing coastline.



Our view on: Feeding project data into EMODnet

- ◉ Action 6: “DIP and all EMODnet portals to consider advice to major funding programmes to ensure direct feed of generated project data into EMODnet...”
- ◉ MEDISEH example
- ◉ Funders should specify (precisely) in the tender spec:
 - ◉ That outputs must be made freely available for public and commercial use – and check compliance.
 - ◉ The repository through which to publish outputs – and check compliance.

