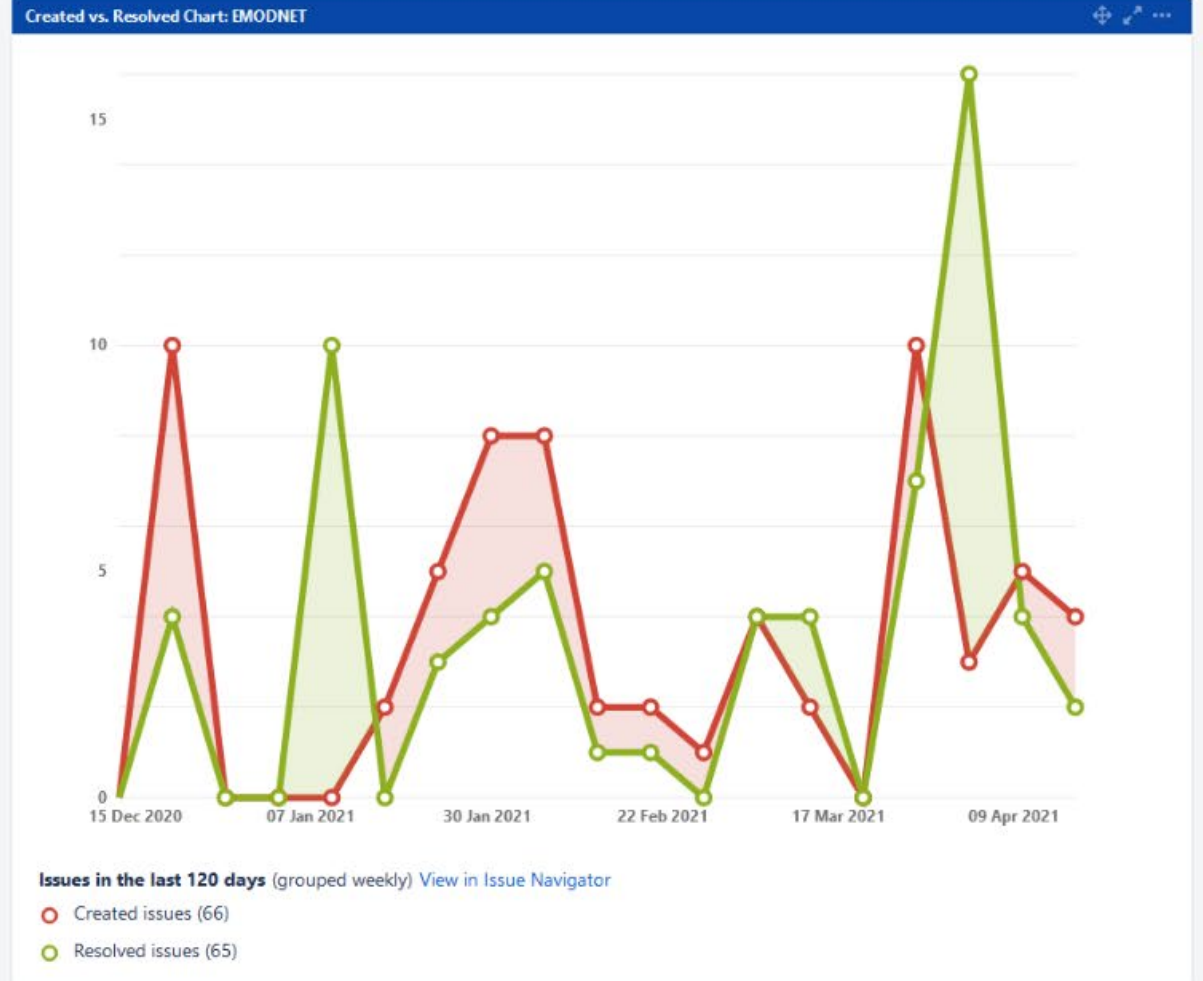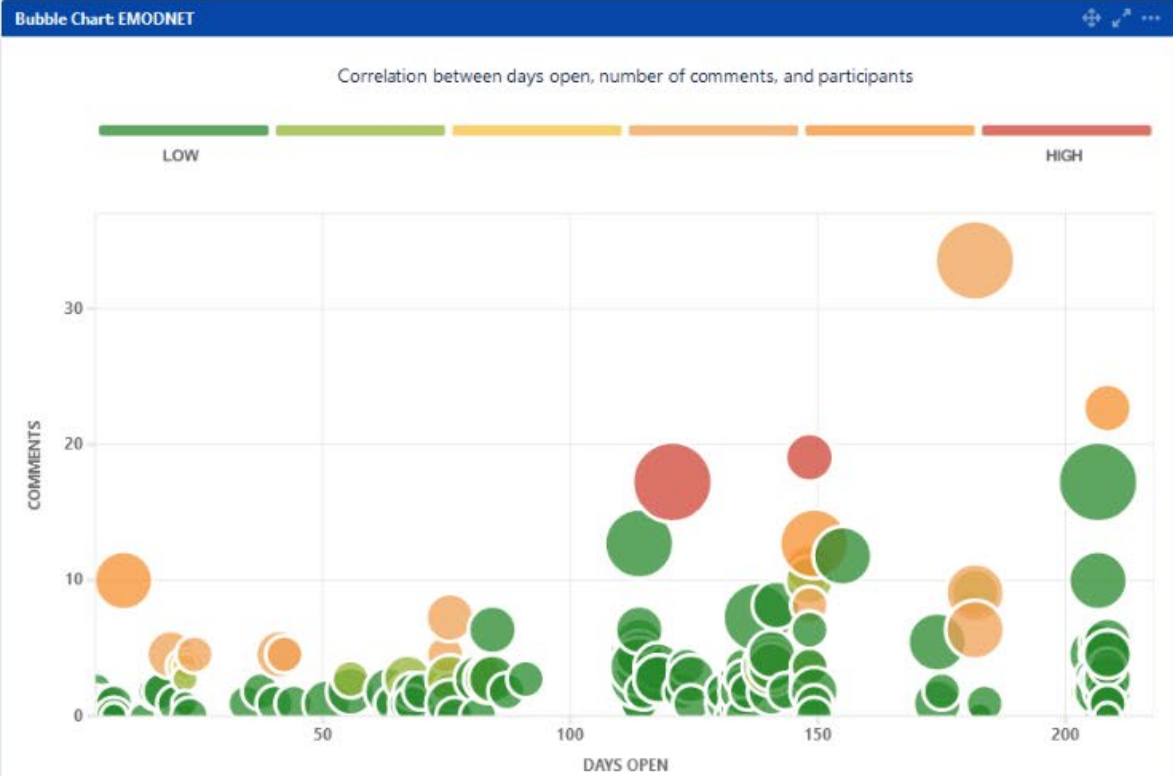# Overview of JIRA activity

9th EMODnet TWG Meeting Spring 2021
20th – 21st April
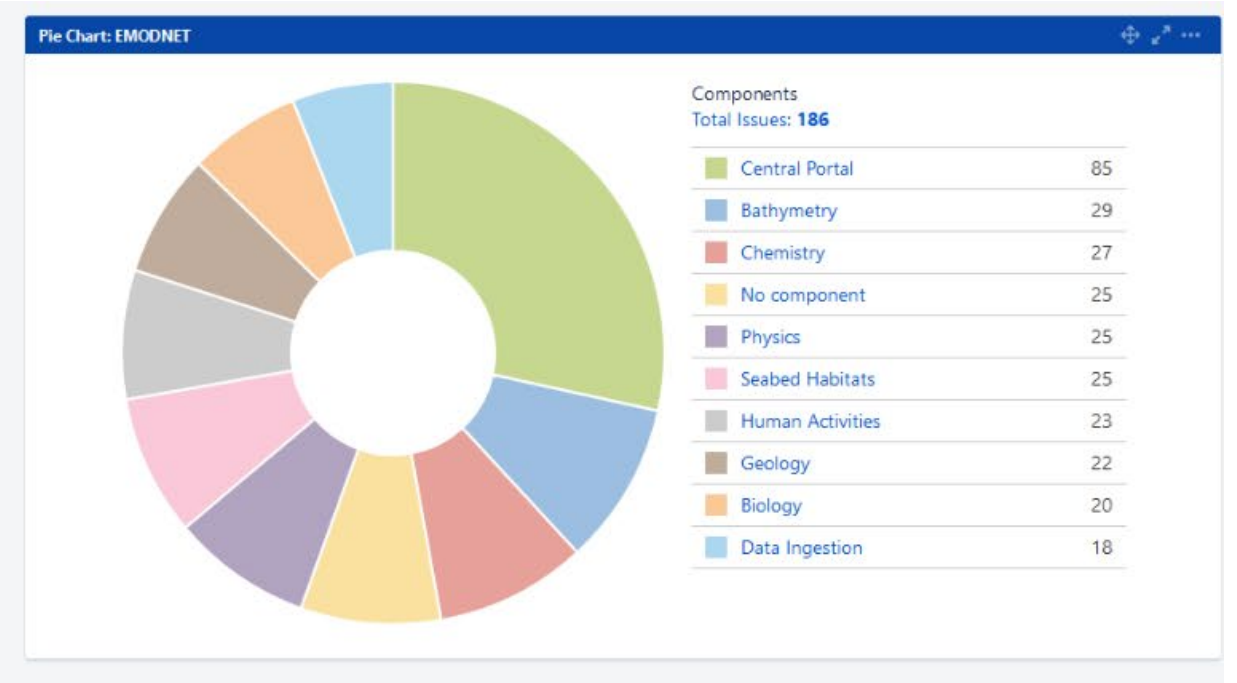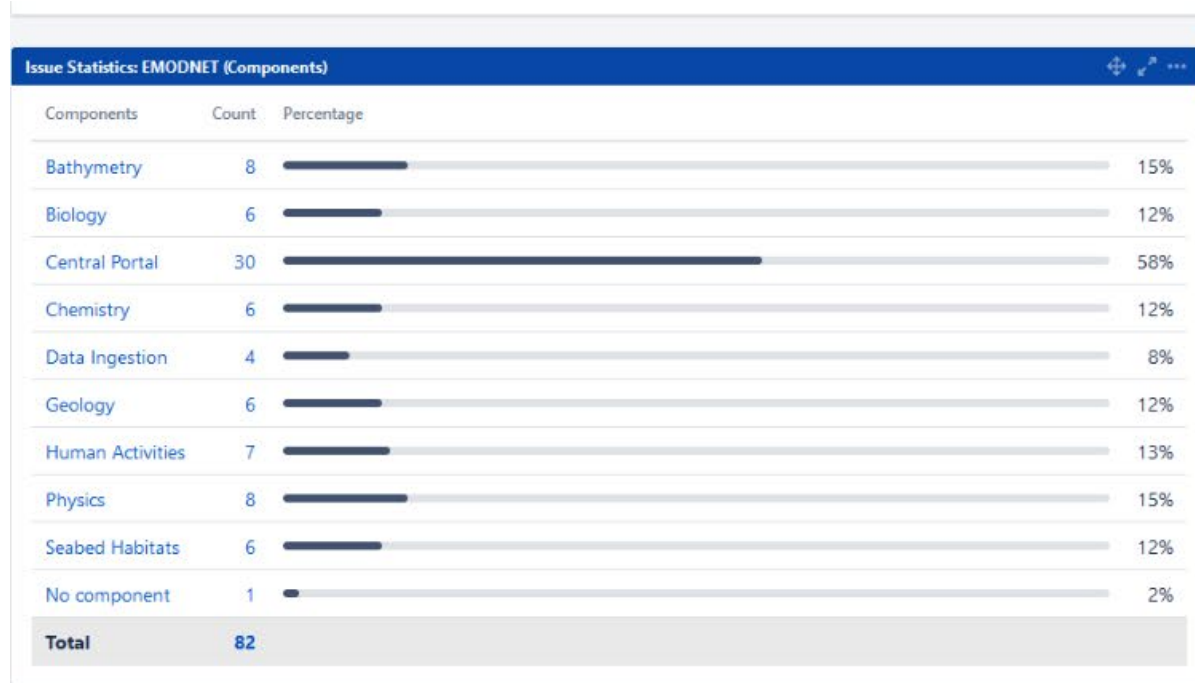
Francis Strobbe

www.emodnet.eu

Overview of Jira Activity

Tickets are fairly evenly spread among portals

Issue Statistics: EMODNET (Components)

Components	Count	Percentage
Bathymetry	8	15%
Biology	6	12%
Central Portal	30	58%
Chemistry	6	12%
Data Ingestion	4	8%
Geology	6	12%
Human Activities	7	13%
Physics	8	15%
Seabed Habitats	6	12%
No component	1	2%
Total	**82**	

Pie Chart: EMODNET

Components
Total Issues: **186**

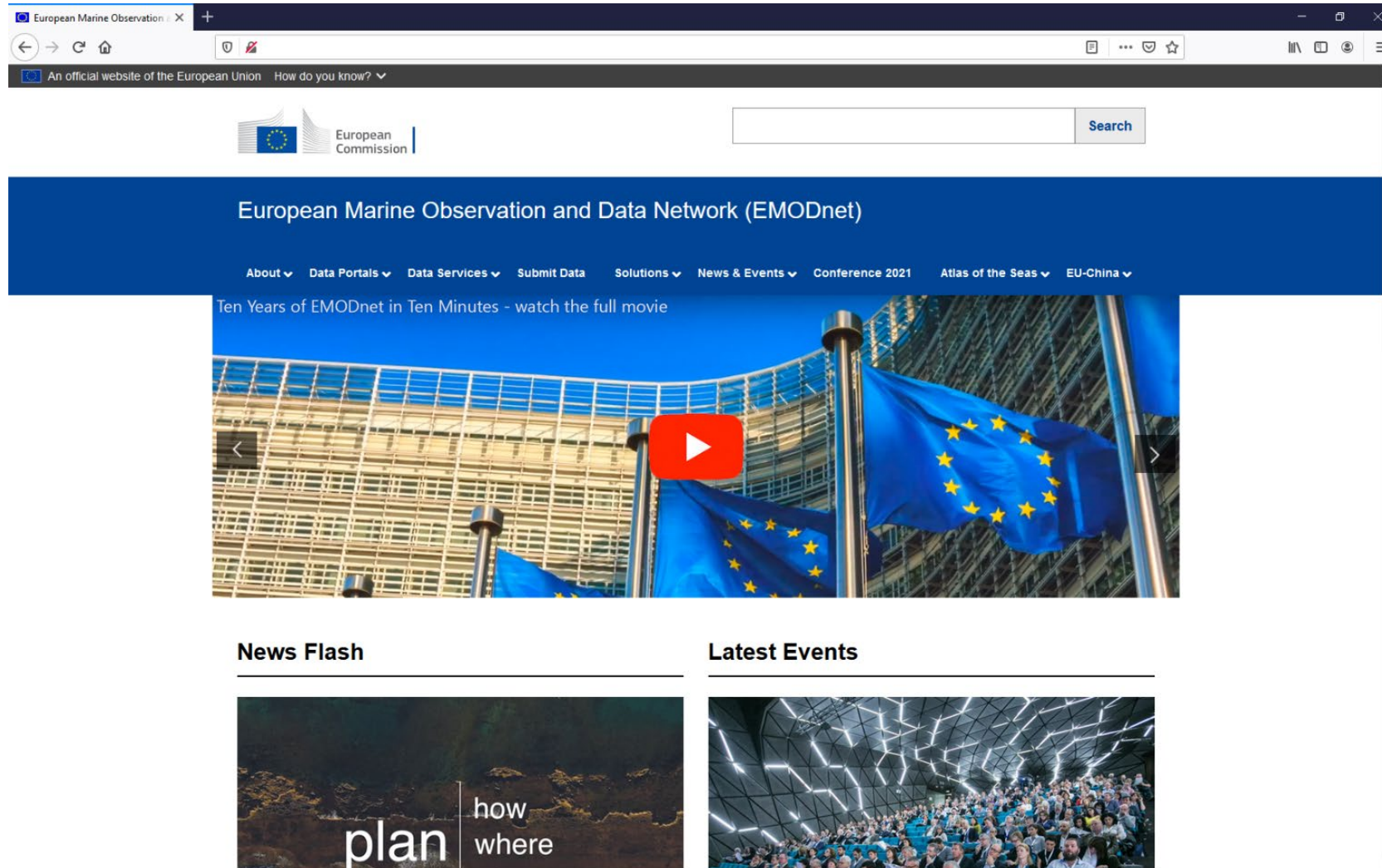| Component	Count
Central Portal	85
Bathymetry	29
Chemistry	27
No component	25
Physics	25
Seabed Habitats	25
Human Activities	23
Geology	22
Biology	20
Data Ingestion	18

Overview of Repatriation activities

9th EMODnet TWG Meeting & 14th Steering Committee Joint Session
Spring 2021
20th April

Francis Strobbe
Data & Communication Officer
EMODnet Secretariat

www.emodnet.eu

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Overview of the Repatriated website

European Marine Observation and Data Network (EMODnet)

Overview of the Repatriated website

EC Branded Harmonized website
https://wikis.ec.europa.eu/display/WEBGUIDE/

Europa subdomain
Staging environment, hosted at VLIZ

WebGuide/ECL
EC Branded Harmonized website
Design following the *Europa Component Library (ECL)*

Global Banner
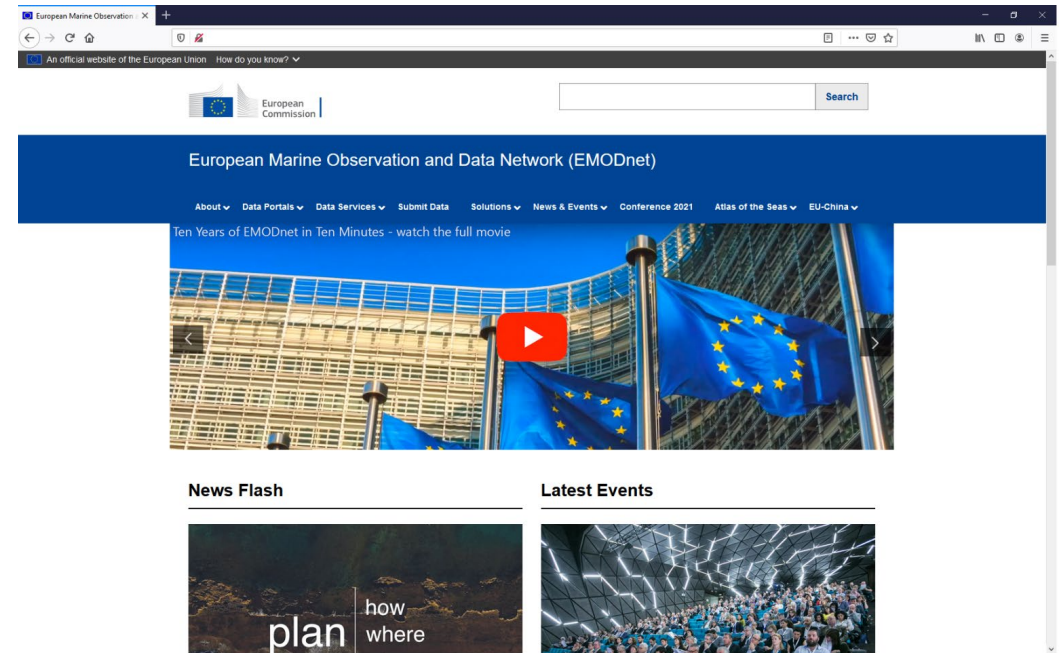*Global banner at the top of each page,* framework provided by DG COMM

GDPR/IDPR
Unique framework provided by DG COMM managing
all necessary scenarios for GDPR/IDPR compliance:
Cookie Consent Kit (CCK)
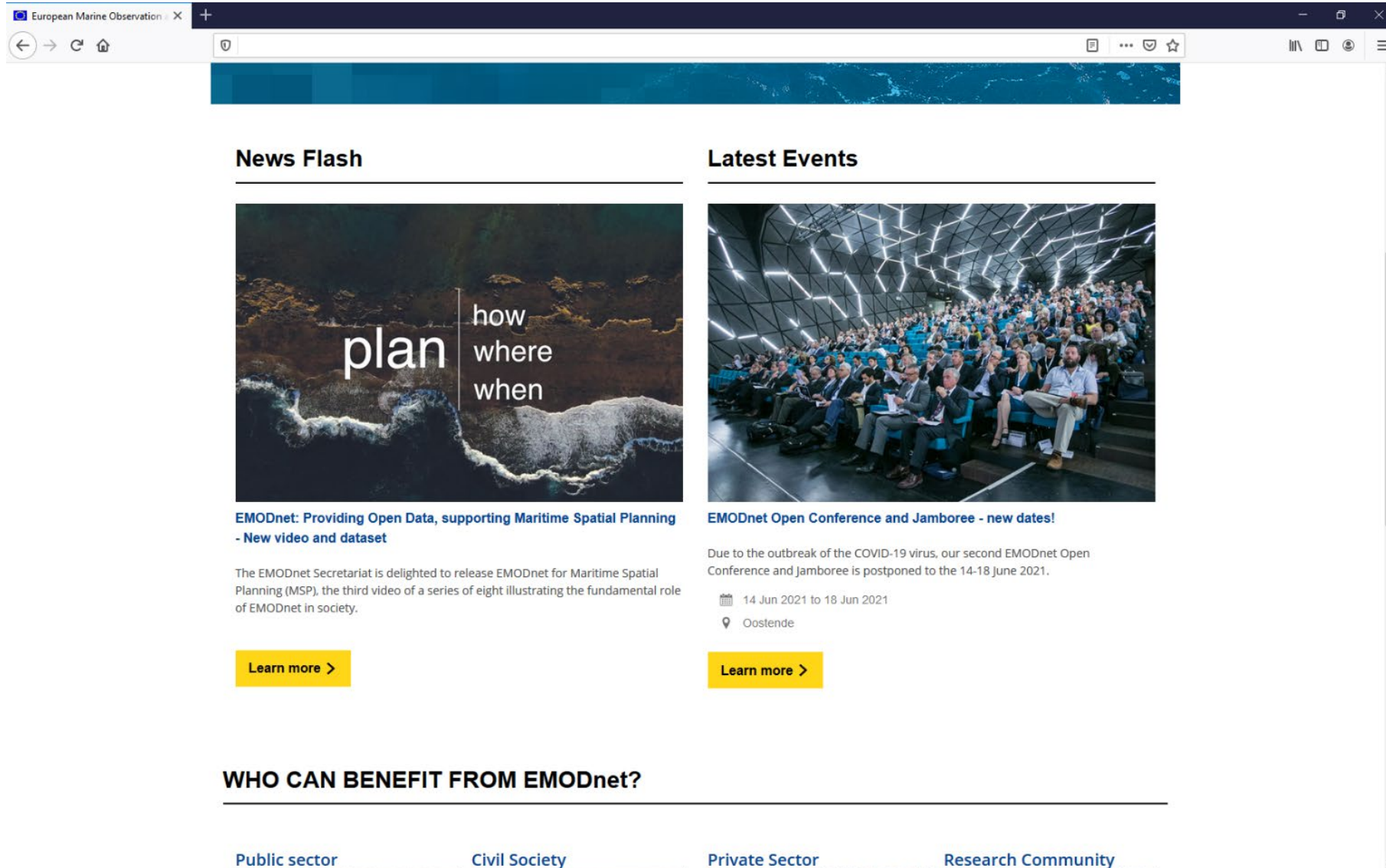
Europa Analytics
Europa Analytics (based on MATOMO) is the only allowed web analytic tool
for *Commission Systems* running in Europa domain.

Overview of the Repatriated website

Overview of the Repatriated website

Overview of the Repatriated website

Overview of the Repatriated website

Overview of the Repatriated website

Overview of the Repatriated website

Overview of the Repatriated website

Next steps

NOW

A. Technical repatriation
    -   Review and feedback phase
    -   Go live

LATER

B.   Content
    -   Editorial review / EC Writing guidelines
    -   Increase website accessibility, following Web Accessibility Directive (Directive (EU) 2016/2102)

C.   Licences
    -   Usage of images etc.

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Implications of the EC rules on communications

Impact

For a <u>user</u> to find information

- 'Europa Search' (& Google Search)
  - mandatory / to be further explored
- Dedicated pages for all thematics
  - main navigation to be discussed during centralisation

For the thematic portal <u>admins</u>

- No direct access to the repatriated 'central portal' website
- New workflow to be developed, all publishing/creation of pages will go through EMODnet Secretariat?
  - *following Europa Component Library (ECL) guidelines*
    - *-> Harmonised websites Group 1*
      - *-> Web information systems*

    The specific detailed rules for EC-branded core websites, are described
    in detail in the Harmonised group 1 template section of the ECL.

  - if we plan this well, similar workflow as is now in place for publishing on the Central Portal for *Press releases, News, Use Cases* etc.
    - Suggestion to start using Jira for Communication?

European Commission

European Marine Observation and Data Network (EMODnet)

Search

Implications of the EC rules on communications
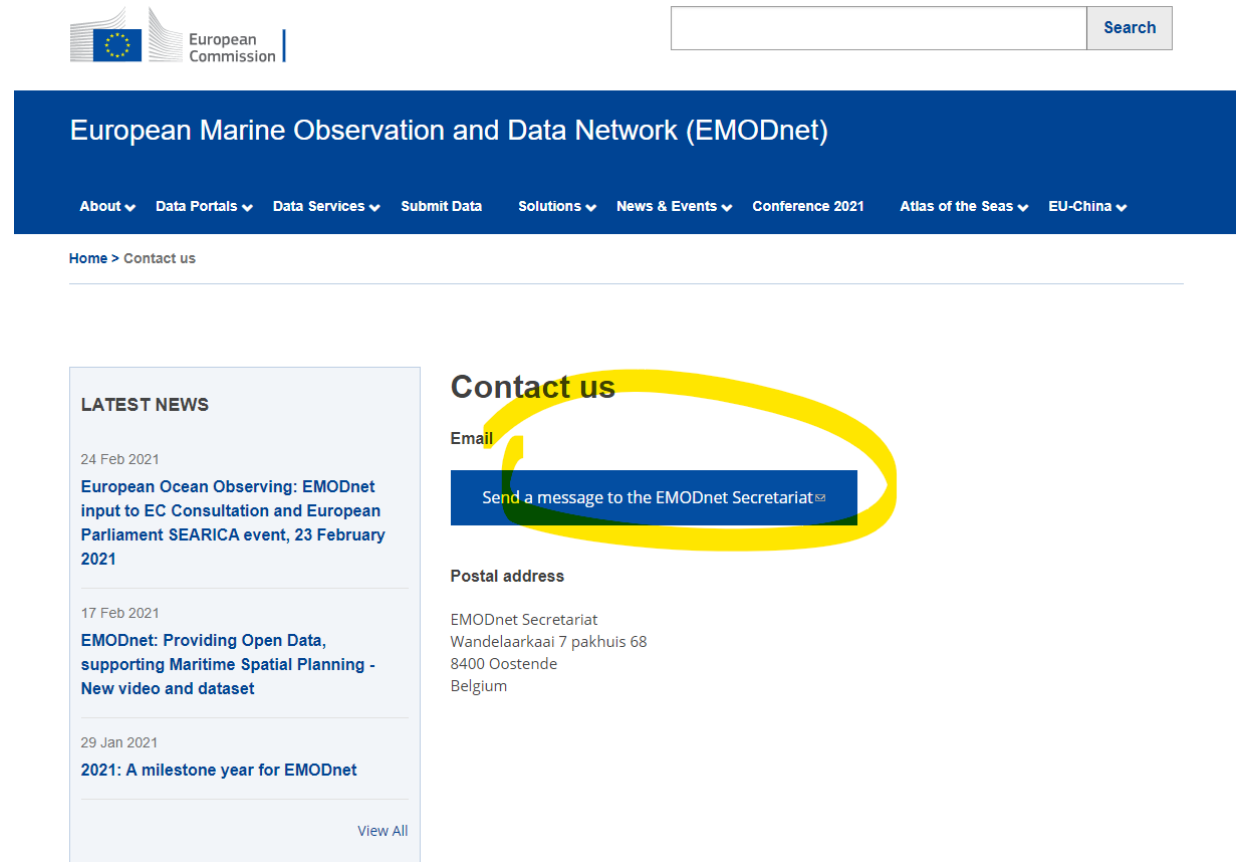
Impact

For a user to <u>contact</u> EMODnet

- Centralised 'contact us' page
  - through Jira Service Management
    (previously *Jira Service Desk*)

- Progressively adding Thematics
  - contact 'Bathymetry' etc.
    - directed to Bathymetry
      in Jira

For a user to <u>find information/news/...</u>
- On one website
  - No duplicates of information
  - Join forces (win-win)

Implications of the EC rules on communications

Impact

Suggestion to have online 'Communication Meeting(s)'

- As information is reaching us, we can reach out to you (communication colleagues) to explain, discuss and listen

- Expected later this year
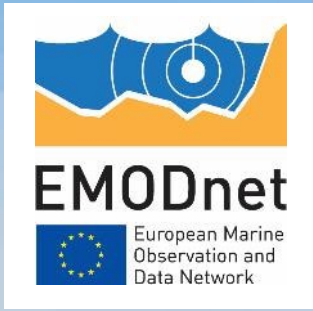
INSPIRE compliance – updates & next steps

9th Technical Working Group Meeting
Spring 2021
20th and 21st April

Tim Collart

www.emodnet.eu

INSPIRE Metadata & data URL's in Service GetCapabilities

- Followed up in JIRA: https://jira.emodnet.eu/browse/EM-14

- Service metadata URL's (as of 19/04/2021)

Bathymetry	Biology	Chemistry	Geology	Human Activities	Physics	Seabed Habitats
5/5	5/5	10/10	0/12	1/3	4/7	6/6

- Dataset metadata and data URL's
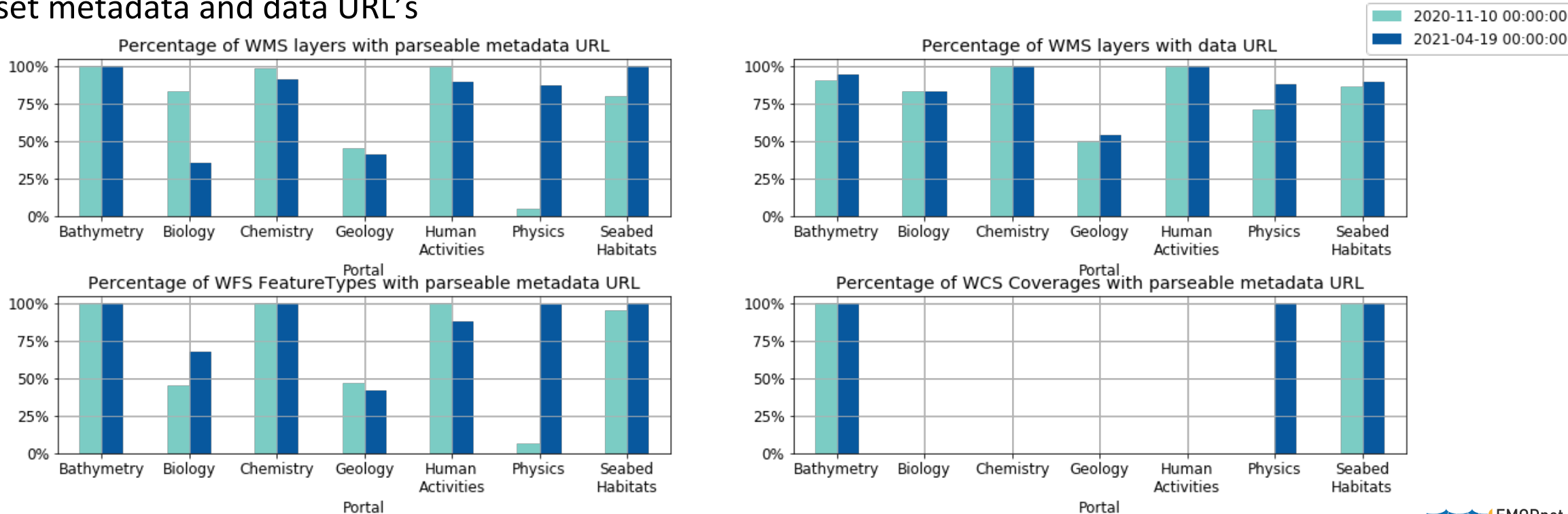
INSPIRE Quality of Service Monitoring

- INSPIRE sets a number of Quality of Service requirements for web services. This includes requirement for:
    - Performance: Response time during normal operation (90th percentile)
    - Capacity: Number of simultaneous service requests
    - Availability: The percentage of time the service is available

- Monitoring web services with GeoHealthCheck (monitor.emodnet.eu)
    - Currently:
        - Monitor performance and availability for GetCapabilities operations & compare with INSPIRE requirements
        - Followed up in JIRA: https://jira.emodnet.eu/browse/EM-140

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INSPIRE Quality of Service Monitoring

INSPIRE Quality of Service Monitoring

- INSPIRE sets a number of Quality of Service requirements for web services. This includes requirement for:
  - Performance: Response time during normal operation (90th percentile)
  - Capacity: Number of simultaneous service requests
  - Availability: The percentage of time the service is available

- Monitoring web services with GeoHealthCheck (monitor.emodnet.eu)
  - Currently:
    - Monitor performance and availability for GetCapabilities operations & compare with INSPIRE requirements
    - Followed up in JIRA: https://jira.emodnet.eu/browse/EM-140
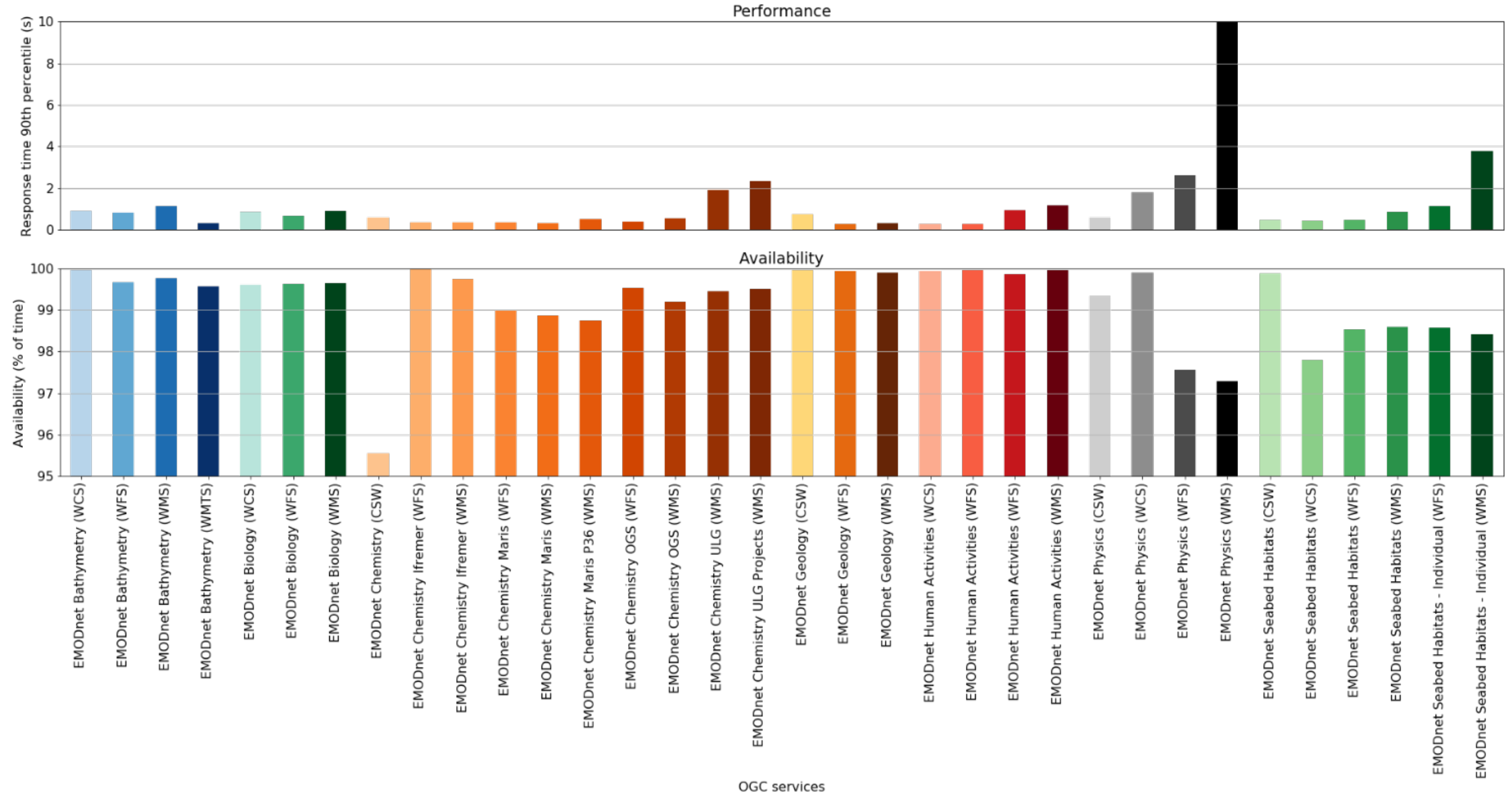 - Planned:
    - Implement INSPIRE normalized testing procedures as plugins to GeoHealthCheck:
    - Monitor performance, capacity and availability for different operations:
      - GetCapabilities
      - GetMap/GetFeature/GetCoverage
      - DescribeFeatureType/DescribeCoverage
    - More information and progress tracked in JIRA: https://jira.emodnet.eu/browse/EM-108

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Monitoring of Metadata & Services with the INSPIRE Validator

- From last TWG:
  - Need for prioritization of INSPIRE requirements that are fit-for-purpose to EMODnet
  - Need for better documentation of INSPIRE validator output

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Monitoring of Metadata & Services with the INSPIRE Validator

- Prioritization of test-suites available at https://inspire.ec.europa.eu/validator/
  - Metadata (TG version 2.0): -> useful to EMODnet & centralization up to some level
    - Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records
    - Specific to datasets:
      - Conformance Class 1: 'Baseline metadata for data sets and data set series'
      - Conformance Class 2: 'INSPIRE data sets and data set series interoperability metadata'
      - Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring
    - Specific to services:
      - Conformance Class 3: 'INSPIRE Spatial Data Service baseline metadata.'
      - Conformance Class 4: 'INSPIRE Network Services metadata'
      - Conformance Class 5: 'INSPIRE Invocable Spatial Data Services metadata'
      - Conformance Class 6: 'INSPIRE Interoperable Spatial Data Services metadata'
      - Conformance Class 7: 'INSPIRE Harmonised Spatial Data Services metadata'
  - Service test-suites: useful to EMODnet & centralization up to some level
    - View Services - WMS and WMTS (TG version 3.11)
    - Download Services - WFS (TG version 3.1)
    - Download Services - WCS (TG version 1.0) – BETA
    - Discovery Services - CSW (TG version 3.1) – BETA
  - Interoperable data sets in GML & INSPIRE theme schema's -> depends on different thematic communities?
- Further prioritization of individual assertions per test-suite

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Monitoring of Metadata & Services with the INSPIRE Validator

- Need for better documentation of INSPIRE validator output
  - Idea's to develop a better way to present failing assertions in priority test suites

Meta data review for products catalogue

9th EMODnet TWG Meeting Spring 2021
20th – 21st April

Conor Delaney

EMODnet Secretariat

Updating the Central Portal GeoNetwork

Reviewing the Products catalogue as part of the Centralization Project

- Metadata for products will be reviewed

- Ideally metadata will be harvested from CSW web services

- The updated Geonetwork Catalogue can link with EU Open Data Portal (DCAT-AP)

- Streamlining of searchable Tag feature

- Inclusion of new Tags (SDG, MSFD, EOV,etc)

- CC BY licensing

EMODnet Products Catalogue

Catalogue Service for the Web (CSW)

CSW for Products

- Automatic harvesting of metadata into CP products.

- Metadata will include Distribution information on Data Products

- Long term aim is to do the same for Data (where possible)

This is part of the Centralization Process
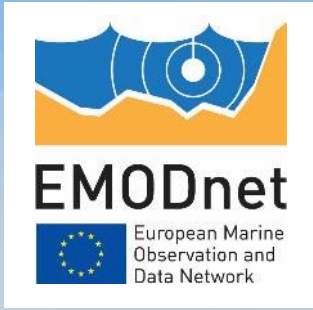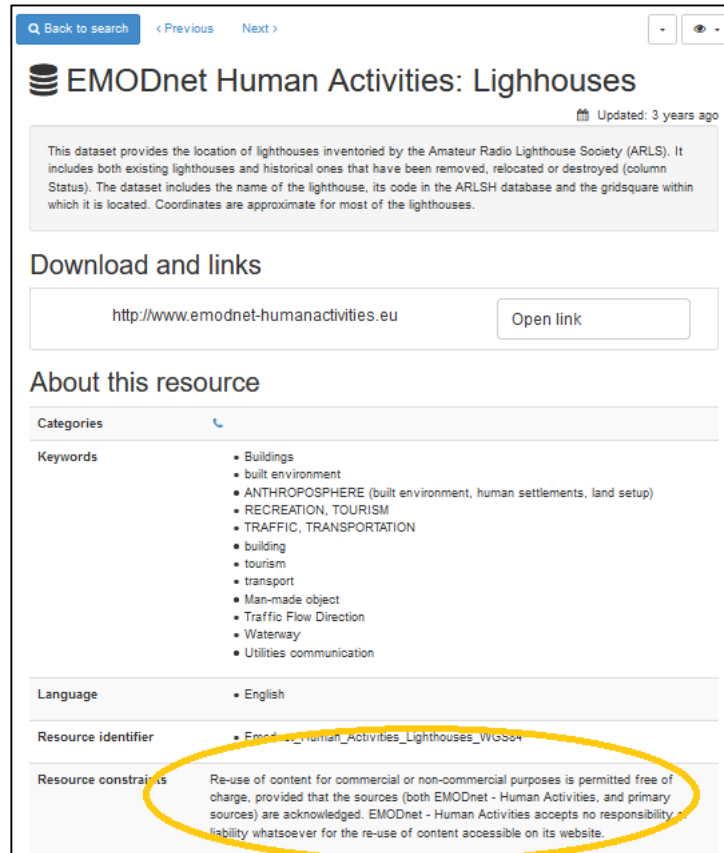
Licensing of EMODnet products

9th EMODnet TWG Meeting Spring 2021
20th – 21st April

Conor Delaney

EMODnet Secretariat

Standardizing the sharing license of EMODnet products

Creative Commons CC BY 4.0

Creative Commons Licence for Data Products

Instructions

Creative Commons (CC) is a non-profit organisation that works to make it easier to share, reuse, repurpose and remix creative material. It does this by providing free licences that let creators give permission in advance for certain uses of their material.

CC encourages people to share their work. But we think it is very important that you use the right licence for you, and that you understand what that licence means. This flowchart is intended to help with this—by answering a few simple questions, it lets you choose which CC licence is right for you, or if you want to use a CC licence at all.

Start at the *green question box* and, following the arrows that correspond with your answer, make your way through the *pink remixing* and *blue commercial* questions until you reach a *purple licence box*. That will be the right licence for you. For the full details of each of the licences, see the *link* under the box.

CC has an online tool that will take you through the similar process at http://creativecommons.org/license.

For more information about the CC licences, see http://creativecommons.org/licenses.

Start here!

Am I ok with other people copying and distributing my content without asking my permission everytime? — **No** → I should use "All Rights Reserved" copyright to protect my content.

Yes ↓

Am I ok with them changing and adapting the content? Will I allow remixing? — **No** → Am I ok with other people making money out of their reuse of the content? — **No** → I should use an Attribution-Noncommercial-No Derivative Works licence.
http://creativecommons.org/licenses/by-nc-nd/3.0

— **Yes** → I should use an Attribution-No Derivative Works licence.
http://creativecommons.org/licenses/by-nd/3.0

Yes ↓

Do I want to limit how others can release their remixes? ie. If they remix, their new content must be available to remix on the same terms. — **No** → Am I ok with other people making money out of their reuse of the content? — **No** → I should use an Attribution-Noncommercial licence.
http://creativecommons.org/licenses/by-nc/3.0

— **Yes** → I should use an Attribution licence.
http://creativecommons.org/lisences/by/3.0

Yes ↓

Am I ok with other people making money out of their reuse of the content? — **No** → I should use an Attribution-Noncommercial-Share Alike licence.
http://creativecommons.org/licenses/by-nc-sa/3.0

— **Yes** → I should use an Attribution-Share Alike licence.
http://creativecommons.org/licenses/by-sa/3.0

CCi — ARC CENTRE OF EXCELLENCE FOR CREATIVE INDUSTRIES AND INNOVATION

creative commons AUSTRALIA

Poster v1.0

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European Marine Observation and Data Network

Centralisation

9th Technical Working Group Meeting Spring 2021
20th and 21st April

Conor Delaney

Joana Beja

www.emodnet.eu

What is Centralisation?

- Static content to me moved to CP.

- Metadata to be harvested by CP GeoNetwork.

- Data - Approach varies from Portal to Portal.

- Data Products - Copies of all products to be hosted.

- Web Services - No Change! You continue to run this infrastructure.

- Helpdesk - To be hosted centrally.

Static Content

- Merge some content for all thematic lots (e.g. news, events)

- Dedicated pages for each Thematic lot

- Standardised language

- Content to be managed by EMODnet Secretariat

Metadata for Products and Data

- Improving thematic lots metadata for products to make it more complete. This metadata will be harvested and displayed on the CP GeoNetwork from where is can be searched. Particularly:

  - Description field

  - Adopt (where possible) a common license for data products (CC-BY)

  - \<DistributionInfo> fields in dataset metadata:
    - Add references to available view & download services as online resources (if not already the case)
    - Consistently specify the online resources according to ISO19139 including
      - Linkage: URL of service endpoint
      - Protocol (OGC:WMS, OGC:WFS, OGC:WCS, WWW:DOWNLOAD, etc.)
      - Resource Name of layer/featuretype/coverage (vs. only providing GetCapabilities of the service)
      - Description
      - Documentation according to GeoNetwork: https://geonetwork-opensource.org/manuals/trunk/en/user-guide/associating-resources/linking-online-resources.html
    - Upon repatriation of your portal, change existing references to thematic portal websites to Central Portal website.

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Data

- Main idea is to have the CP query the thematic lots' webservices whenever a user requests data

- Data requests/download will be done via Central Portal for all Open Data

- 92% of Bathymetry is restricted, users requesting these data will be redirected to SeaDataNet to complete their orders and download the data. Similar process will apply to other lots using SDN's system

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Web Services

- Thematic lots remain responsible for ensuring the web services are fit for the purposes required for CP

- CP is working on the implementation of an ERDDAP server (products stored in local CP cache)

- GeoNetwork for the catalogue (version update in progress, will allow connection with EU Open Data Catalogue)

Helpdesk

- Users will be able to contact each thematic lot via a helpdesk form

- Tickets will be logged in the EMODnet's JIRA instance and assigned to the appropriate contact within each thematic lot

- Internal requests from CP to thematic lots or vice-versa will also be handled via JIRA

- https://jira.emodnet.eu

Timeline for thematic lots migration
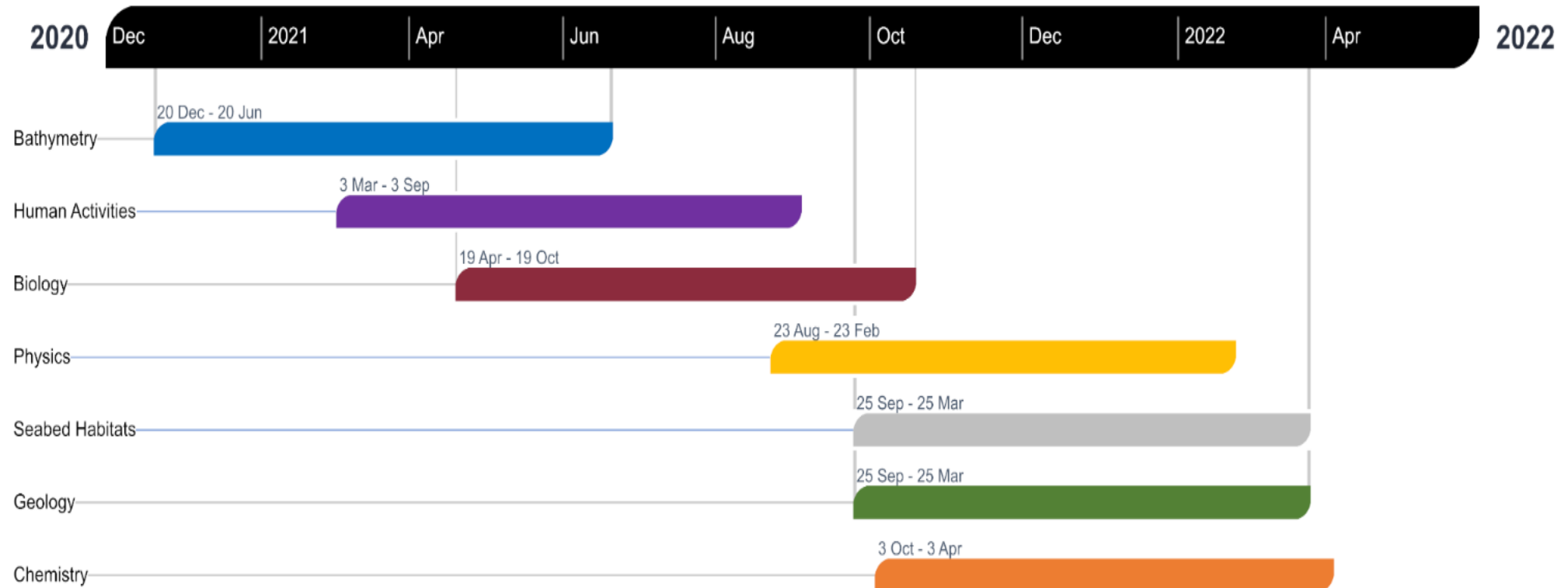
Important: Portals do not switch off until we are happy with the quality of service to the public

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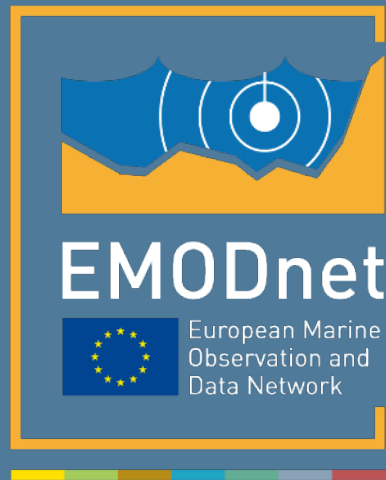
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