



Reporting MSFD Articles 8, 9 and 10 using Reportnet 3

WEBINAR

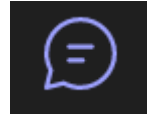
*European Commission
DG ENV C2 – Marine Environment & Clean Water Services*

*European Environment Agency
ETC BE (TC Vode, ICES)
Bilbomática*



Welcome

Please **limit**
use of



for questions
during the meeting

Please use



for taking the floor
during Q&A
session

Mailbox

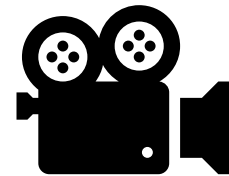


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ENVIRONMENT@ec.europa.eu](mailto:ENV-MARINE-ENVIRONMENT@ec.europa.eu)



Mute Your
Microphone



Webinar will be
recorded



Agenda,
documents and
recording in CDR

Agenda

- ❑ 11:00 – 11:10 Welcome and introduction (DG ENV / EEA)
- ❑ 11:10 – 12:00 Demonstration of the reporting tool (ETC BE: TC Vode, ICES)
 - ***What is Reportnet 3:*** Aim and functionalities; How to login.
 - ***Spatial data delivery:*** Insights on how to update spatial data (Article 4 - Marine Reporting Units).
 - ***Step-by-Step guidance:*** Detailed instructions on how to deliver data for Articles 8, 9, and 10.
 - ***Practical examples:*** Examples to illustrate each step in the reporting process.
 - ***Best practices:*** Tips and strategies for efficient data reporting.
- ❑ 12:00 – 12:30 Interactive Q&A session on technical questions related to the reporting platform (All)



Demonstration of the reporting tool

by ETC BE

(TC Vode Luka Snoj, ICES Periklis Panagiotidis)

*European Commission
DG ENV C2 – Marine Environment & Clean Water Services*

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Reporting MSFD Articles 8, 9 and 10 using Reportnet 3

Insights on how to update spatial data (Article 4 - Marine Reporting Units)



Webinar on "Reporting MSFD Articles 8, 9 and 10 using Reportnet 3"
Luka Snoj (ETC BE, TC Vode)

Marine Strategy Framework Directive reporting resources

Files, templates, guidance documents and useful hyperlinks supporting the reporting on the 2024 update of Articles 4, 8, 9 and 10 are available from **EIONET CDR webpages** dedicated to [MSFD reporting](#):

Support files to update reporting of the Article 4:
<https://cdr.eionet.europa.eu/help/msfd/MSFD%20Art4>

Support files to update reporting of the Articles 8, 9 and 10:
<https://cdr.eionet.europa.eu/help/msfd/MSFD%202024>

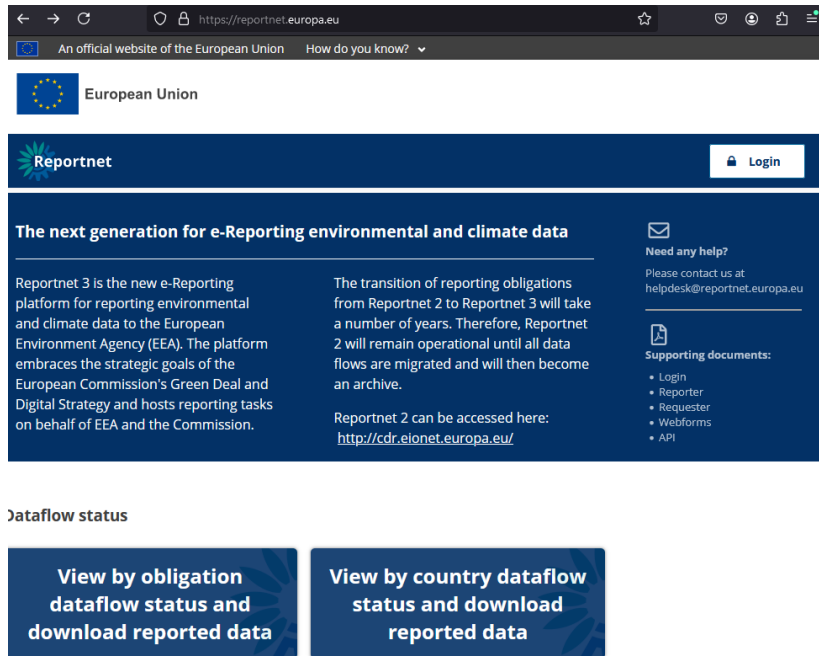
The screenshot shows the EIONET Central Data Repository webpage. The header includes the EIONET logo and the text 'Central Data Repository'. Below the header, there is a breadcrumb trail: 'You are here: Eionet » CDR » General Help » MSFD'. The main content area is titled 'Marine Strategy Framework Directive reporting resources' and includes a sub-header 'Support files for the reporting on the 2024 update of the Article 4'. A green box indicates 'Page updated on March 25th 2024'. A 'Helpdesk' section states 'All enquiries can be directed to msfd_helpdesk@eionet.europa.eu'. The 'Guidance documents' section lists 'How to upload MRUs in Reportnet 3'. The 'Schemas' section is updated on 20.05.2024 and lists 'Art4_MRUs.png'. The 'Reporting tools' section includes 'Reportnet 3' with a link to the platform and a link to 'Reportnet 3 reporter guidance'. The 'Marine Reporting Units overlap with regional assessment areas (OSPAR, HELCOM)' section provides a link to a 'link in Geopackage format'.

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How to login to Reportnet 3?

What is Reportnet 3?

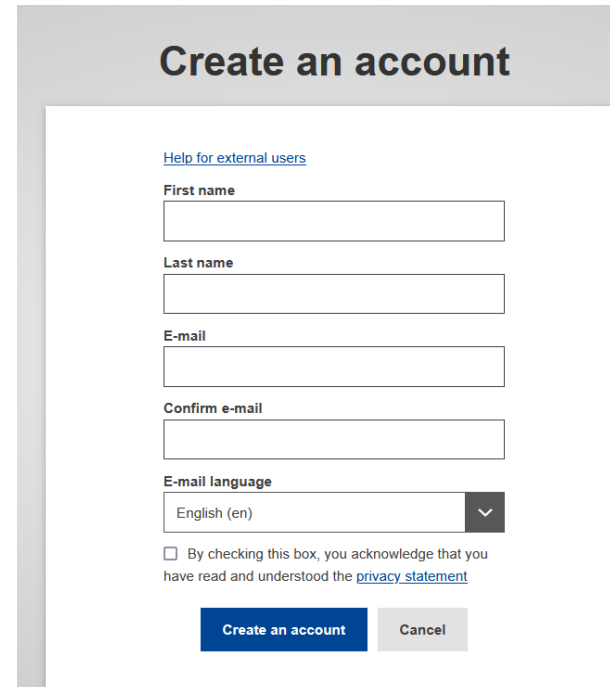
Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the EEA.



The screenshot shows the Reportnet 3 website homepage. At the top, there is a navigation bar with the Reportnet logo and a 'Login' button. Below this, a main heading reads 'The next generation for e-Reporting environmental and climate data'. The page is divided into two columns of text. The left column explains that Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The right column states that the transition from Reportnet 2 to Reportnet 3 will take a number of years, and that Reportnet 2 will remain operational until all data flows are migrated. A 'Dataflow status' section at the bottom features two buttons: 'View by obligation dataflow status and download reported data' and 'View by country dataflow status and download reported data'.

How to login to Reportnet 3?

To access Reportnet 3 you will need an **EU login account**. You will not be able to log in with EIONET account!! EU login account can be created through following [hyperlink](#). (see also [videoguide](#))



The screenshot shows the 'Create an account' form. It includes a 'Help for external users' link, followed by input fields for 'First name', 'Last name', 'E-mail', and 'Confirm e-mail'. There is a dropdown menu for 'E-mail language' set to 'English (en)'. A checkbox at the bottom states: 'By checking this box, you acknowledge that you have read and understood the [privacy statement](#)'. At the bottom of the form are two buttons: 'Create an account' and 'Cancel'.

Marine Strategy Framework Directive reporting resources

When you login to [Reportnet 3](#) using an **EU login account**, you should see all open dataflows on which you have been granted reporting permissions.

If you do not have permissions, please contact msfd.helpdesk@eionet.europa.eu

Reportnet 3 > Dataflows Luka Snoj

Name	Description	Legal instrument	Obligation	Obligation id
Role	Status	Pinned	Delivery date range	

[Filter](#) [Reset](#)

Total: 9 dataflows

Role: **LEAD REPORTER** Delivery date: 2024-10-15

MSFD Article 4 - Marine Reporting Units (Spatial data)

Marine Strategy Framework Directive (MSFD), data request for article 4

Legal instrument: **Marine Strategy Framework Directive**

Obligation: **MSFD - Article 4 - Spatial data**

Delivery status: **MULTIPLE**
Dataflow status: **OPEN**

Role: **LEAD REPORTER** Delivery date: 2024-10-15

MSFD Articles 8, 9 and 10 - Text reports - Reporting year 2024

Supporting documents and Text reports for Marine Strategy Frameworks Directive (MSFD), data request for articles 8, 9 and 10

Legal instrument: **Marine Strategy Framework Directive**

Obligation: **MSFD - Articles 8, 9 and 10 - Text reports**

Delivery status: **MULTIPLE**
Dataflow status: **OPEN**

Role: **LEAD REPORTER** Delivery date: 2024-10-15

MSFD Articles 8, 9 and 10 - Data - Reporting year 2024

This reporting obligation has been created for technical reasons. It identifies the deliveries of national data sets under the MSFD reporting on Articles 8 (assessment), 9 (determination of GES) and 10 (establishment of environmental targets).

Legal instrument: **Marine Strategy Framework Directive**

Obligation: **MSFD - Articles 8, 9 and 10 - Data**

Delivery status: **MULTIPLE**
Dataflow status: **OPEN**

How to prepare the MRU spatial dataset for submission?

Diagram of the MRU reporting schema



* Data should be provided into *Description* table only for records without geometry.

Reportnet 3

Reportnet 3 > Dataflows > Dataflow > Austria

Dataflow - Austria

MSFD Article 4 - Marine Reporting Units (Spatial data)

Dataflow help | ART4_GEO | Release to data collection

ART4_GEO Pending

MSFD Article 4 - Marine Reporting Units (Spatial data) - Austria

Import dataset data | Export dataset data | Delete dataset data

ReporterInfo | Description | GeographicalBoundaries

Export table data | Show/Hide columns | Validation filter

Actions	Validations	ContactName


Rows per page: 10




How to prepare the MRU spatial dataset for submission?

MSFD Article 4 - Marine Reporting Units (Spatial data) – [Dataflow help](#)

Dataflow help

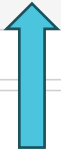
MSFD Article 4 - Marine Reporting Units (Spatial data)

Supporting documents | Web links | Dataset schemas 

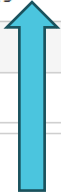
Title	Description	Category	Language	Public	Upload date	Size	File
MSFD_Article4_How_to_upload_MRUs_to_R3.pdf	How to upload MRUs to Article 4 dataflow in Reportnet 3	pdf	English	✓	2024-04-03	235.26 KB	
Article 4 dataflow - MRU data schema explanation fields_27-06-2024.pdf	MRU data schema explanation fields	pdf	English	✓	2024-06-27	242.86 KB	
MSFD_4GEO.gpkg	MSFD_4GEO geopackage template	gpkg	English	✓	2023-09-17	96.00 KB	



MRU MSFD
geopackage template



MRU data schema
explanation fields



How to upload MRU spatial
data to Reportnet 3

How to prepare the MRU spatial dataset?

Follow the reporting provisions outlined in the [Article 4 dataflow – MRU schema explanation fields](#)

MarineReportingUnitId	MarineReportingUnitIdOld	MarineReportingUnitName	RegionSubRegion	localId	namespace	versionId	thematicId
-----------------------	--------------------------	-------------------------	-----------------	---------	-----------	-----------	------------



Unique EU code for the marine reporting area.

To be constructed as follows:

Region/subregion code-MS ISO code-AreaTypecode-Sequential number or alphanumeric

E.g.: ANS-NL-AA-001; MWE-ES-SD-Alboran

Note – AreaTypecode (two-character code) select one from following: RG (Region); SR (Subregion); MS (MS part of a Region or Subregion); SD (Subdivision); AA (Assessment Area).

For country code use ISO 3166-1 alpha-2 country code, except for Greece ('EL').

Each MRU must sit within a region/subregion and not extend beyond its boundary.

Each MRU must:

- either equate to the Member State marine waters' part of a marine region/subregion or sit within the borders of the Member State's marine waters
- not extend beyond the border of the marine waters or the boundary of the marine region/subregion

	Region or Subregion code	Hyphen	MS code	Hyphen	Area type code	Hyphen	MS-defined identifier
Options	Three-character code ¹¹ : Baltic: BAL Atlantic: ANS, ACS, ABI, AMA Mediterranean: MWE, MAD, MIC, MAL Black: BLK	-	Two-character ISO code	-	Two-character code: RG (Region) SR (Subregion) MS (MS part of a Region or Subregion) SD (Subdivision) AA (Assessment Area)	-	An alphanumeric label up to 32 characters. Use only letters (capital or small) from the Latin alphabet, underscore, point, comma or dash. No spaces or special characters (e.g. &, %, è, ã).
Example	ANS	-	NL	-	AA	-	001
Example	MWE	-	ES	-	SD	-	Alboran

*For country code use ISO 3166-1 alpha-2 country code, except for Greece ('EL')

How to prepare the MRU spatial dataset?

MarineReportingUnitId	MarineReportingUnitIdOld	MarineReportingUnitName	RegionSubRegion	localId	namespace	versionId	thematicId
-----------------------	--------------------------	-------------------------	-----------------	---------	-----------	-----------	------------



Enter the old (2018) MRU code(s) corresponding to the single 2024 code given in field 'MarineReportingUnitId'.
The code must be valid code reported under 2nd (2018) MSFD reporting cycle.

How to prepare the MRU spatial dataset?

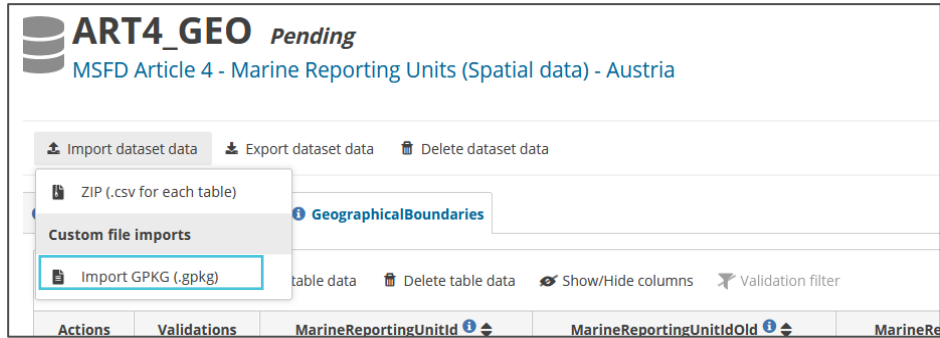
MarineReportingUnitId	MarineReportingUnitIdOld	MarineReportingUnitName	RegionSubRegion	localId	namespace	versionId	thematicId
-----------------------	--------------------------	-------------------------	-----------------	---------	-----------	-----------	------------



Name of the Marine Reporting Unit
(up to 1000 characters)

How to prepare the MRU spatial dataset?

Upload data to Reportnet 3 – Geographical boundaries



Upload



Validate



Validate Show validations QC rules Dashboards Manage copies Refresh

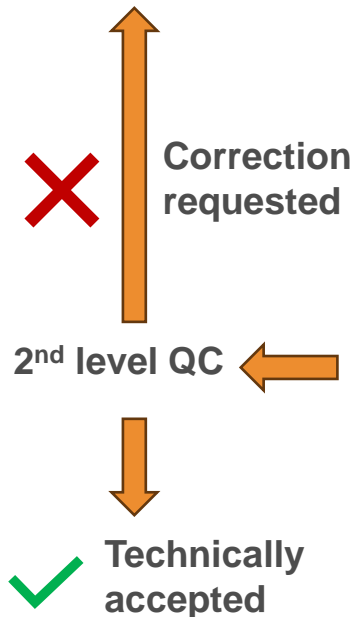
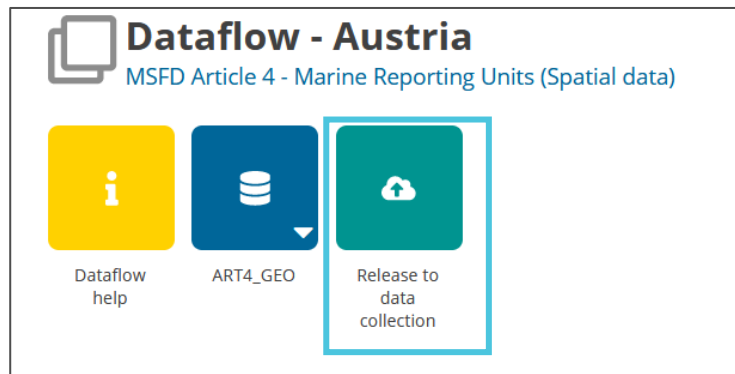
Filter by value

RegionSubRegion	MarineReportingUnitGeometry	localId	namespace
D	4573021.1200812,2673013.7836491,4571492.3...	adr_at_11	
D	4583110.8078149,2705423.083642,4577913.08...	adr_at_12	AT
D	4483742.6710441,2661395.3553497,4491080.6...		

Total: 3 records

Paste records

Release



2nd level quality check

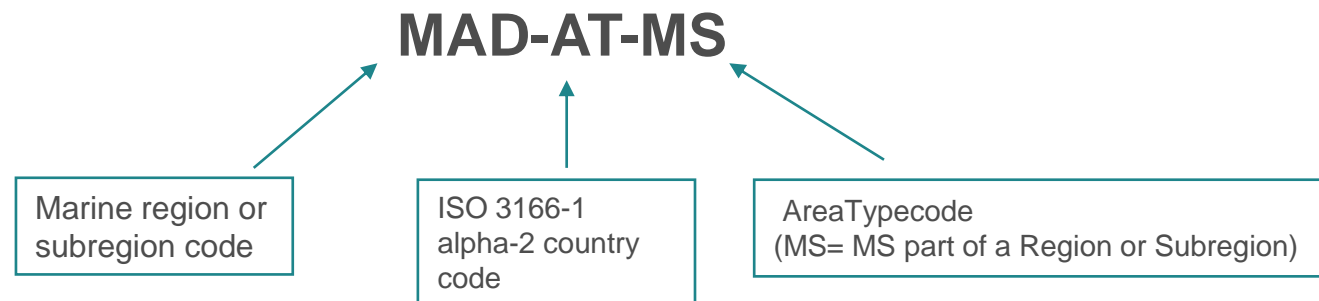
Attributive quality check:

- Duplicates must not be present in *MarineReportingUnitId*.
- *MarineReportingUnitId* **must not be** missing or empty.
- *MarineReportingUnitId* **does not** follow the required syntax.
- The reported *RegionSubRegion* **must not be missing or empty**.
- Reported *RegionSubRegion* is **not** one of the following: ABI, AMA, ANS, BAL, BLK, MAD, MIC, MWE, ACS, or MAL
- Reported *MarineReportingUnitIdOld* is not a valid identifier reported for MSFD 2nd reporting cycle.

Spatial quality check:

- MRUs must **not extend beyond the boundary** of the Member State's marine waters.
- MRUs boundaries **must be harmonised** with the boundaries of [MSFD regions and subregions](#).
- Marine Waters have to be reported as separate data entries within the same geopackage:
 - single data entry: for countries with waters in only one MSFD regions or subregion;
 - several data entries: for countries with marine waters in more than one MSFD region or subregion.

MarineReportingUnitId representing marine waters should be designated as:





Q&A

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DG ENV C2 – Marine Environment & Clean Water Services*

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Bilbomática*

Thank you



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