European Environment Agency

Draft National Restoration Plans dataflow - testing 2026

Geospatial dataflow

EEA NRR team / 13th February 2026

Agenda

European Environment Agency

- Introduction to the webinar (5 min)
- Geospatial Concepts and Formats (25 min)
- Reportnet 3 Upload and Validation of Geospatial Datasets (25 min)
- Frequently Asked Questions to the NRR Helpdesk (5 min)
- Questions & Answers (30 min)

What is the webinar about?

European Environment Agency

Overview of the Geospatial dataflow and how it is handled in Reportnet 3 for the draft NRP dataflow

Presentation - questions and answers

Meeting duration 1.5 hours

The meeting is recorded and published on the NRR Reference Portal together with this presentation

Who are we?

European Environment Agency

Alexandra Papanikolaou

Cinzia Pastorello

Eirini Glyki

Ine Vandecasteele

Jonathan Maidens

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Piotr Piorkowski

Yurena Lorenzo

Updates

European Environment Agency

- Technical Reporting Manual – second version for the testing period:
  - Extended with details on the geospatial dataflow (published 9th February)
  - Part C test dummy data is updated and aligned.
    - Zipfile available in RN3 “supporting information”
  - Additional updates foreseen before the opening of the official dataflow in April

- Article 5 Geospatial DM updated – Now including with Marine Reporting Units as an optional field
- Article 8 Geospatial DM published
- Article 9 Geospatial DM published

- The three corresponding Extended Template tables will be made available next week

Status of test NRP dataflow

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Uniform format	Reportnet 3	Descriptive	Geospatial
Part A	Part A and Additional Information I		Not applicable
Part B	Part B - Article 4		
	Part B - Article 5 and Additional Information II		Updates not available in test
	Part B - Article 8 and Additional Information III		Not available in test
	Part B - Article 9 and Additional Information IV		Not available in test
	Part B - Article 10		
	Part B - Article 11		
	Part B - Article 12		
	Part B - Article 13		Not applicable
Part C	Part C		

Support

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Supporting material

- NRP preparation tool (Data models, Reference lists, Extended templates)
- Explanatory notes
- Technical Reporting Manual – second version for the testing period:
- All supporting material in the NRR Reference Portal

Meetings

- Second Geospatial webinar in March focusing on article 8 and 9
  - Please let us know if you would be interested

Helpdesk - nature.restoration.helpdesk@eea.europa.eu

European Environment Agency

Geospatial Concepts and Formats

Geospatial Data Categories

European Environment Agency

Geospatial Data category	Import formats	Export formats	Reference
NUTS3 2024	CSV, Excel file, Extended Template	CSV, Excel file	ESTAT GISCO Territorial units for statistics (NUTS)
GRID 10 km	CSV, Excel file, Extended Template, Geopackage file	CSV, Excel file, Geopackage file	EEA SDI Reference grid
GRID 1 km	CSV, Excel file, Extended Template, Geopackage file	CSV, Excel file, Geopackage file	
Vector: Isolated Polygons	Geopackage file	N/A	-
Vector: Lines	Geopackage file	N/A	-
Vector: Points	Geopackage file	N/A	-

Geospatial Data Categories

European Environment Agency

Article	Reference	NUTS3	Grid 10km	Grid 1km	Isolated Polygons	Vector lines	Vector Points	Raster (10m)	Geospatial Reporting Table Options
4 Terrestrial, coastal and freshwater ecosystems									
6.2.2.3	Indicative maps of potential areas subject to restoration measures (Art.15(3)(a)) - habitat condition by 2030	✓	✓	✓	✓				**t6_ImprHabCondNuts3, t6_ImprHabCondGridCells, t6_ImprHabCondPolygons**
6.3.1.5	Indicative maps of potential areas - habitat's condition by 2040 and 2050	✓	✓	✓	✓				
6.2.4.6	Indicative maps of potential areas subject to restoration measures - habitats area up to 2030	✓	✓	✓	✓				**t6_ReEstabHabAreaNuts3, t6_ReEstabHabAreaGridCells, t6_ReEstabHabAreaPolygons**
6.3.2.4	Indicative maps of potential areas - habitats area up to 2040 and 2050	✓	✓	✓	✓				
6.2.5.4	Indicative maps of potential areas subject to restoration measures - habitats of species up to 2030	✓	✓	✓	✓				**t6_RestHabOfSpeciesNuts3, t6_RestHabOfSpeciesGridCells, t6_RestHabOfSpeciesPolygons**
6.3.3.2	Indicative maps of potential areas - habitats of species up to 2050	✓	✓	✓	✓				

Geospatial Data Categories

European Environment Agency

Article	Reference	NUTS3	Grid 10km	Grid 1km	Isolated Polygons	Vector lines	Vector Points	Raster (10m)	Geospatial Reporting Table Options
4 Terrestrial, coastal and freshwater ecosystems									
6.2.2.3	Indicative maps of potential areas subject to restoration measures (Art.15(3)(a)) - habitat condition by 2030	✓	✓	✓	✓				**t6_ImprHabCondNuts3, t6_ImprHabCondGridCells, t6_ImprHabCondPolygons**
6.3.1.5	Indicative maps of potential areas - habitat's condition by 2040 and 2050	✓	✓	✓	✓				
6.2.4.6	Indicative maps of potential areas subject to restoration measures - habitats area up to 2030	✓	✓	✓	✓				**t6_ReEstabHabAreaNuts3, t6_ReEstabHabAreaGridCells, t6_ReEstabHabAreaPolygons**
6.3.2.4	Indicative maps of potential areas - habitats area up to 2040 and 2050	✓	✓	✓	✓				
6.2.5.4	Indicative maps of potential areas subject to restoration measures - habitats of species up to 2030	✓	✓	✓	✓				**t6_RestHabOfSpeciesNuts3, t6_RestHabOfSpeciesGridCells, t6_RestHabOfSpeciesPolygons**
6.3.3.2	Indicative maps of potential areas - habitats of species up to 2050	✓	✓	✓	✓				

Geospatial Data Categories

European Environment Agency

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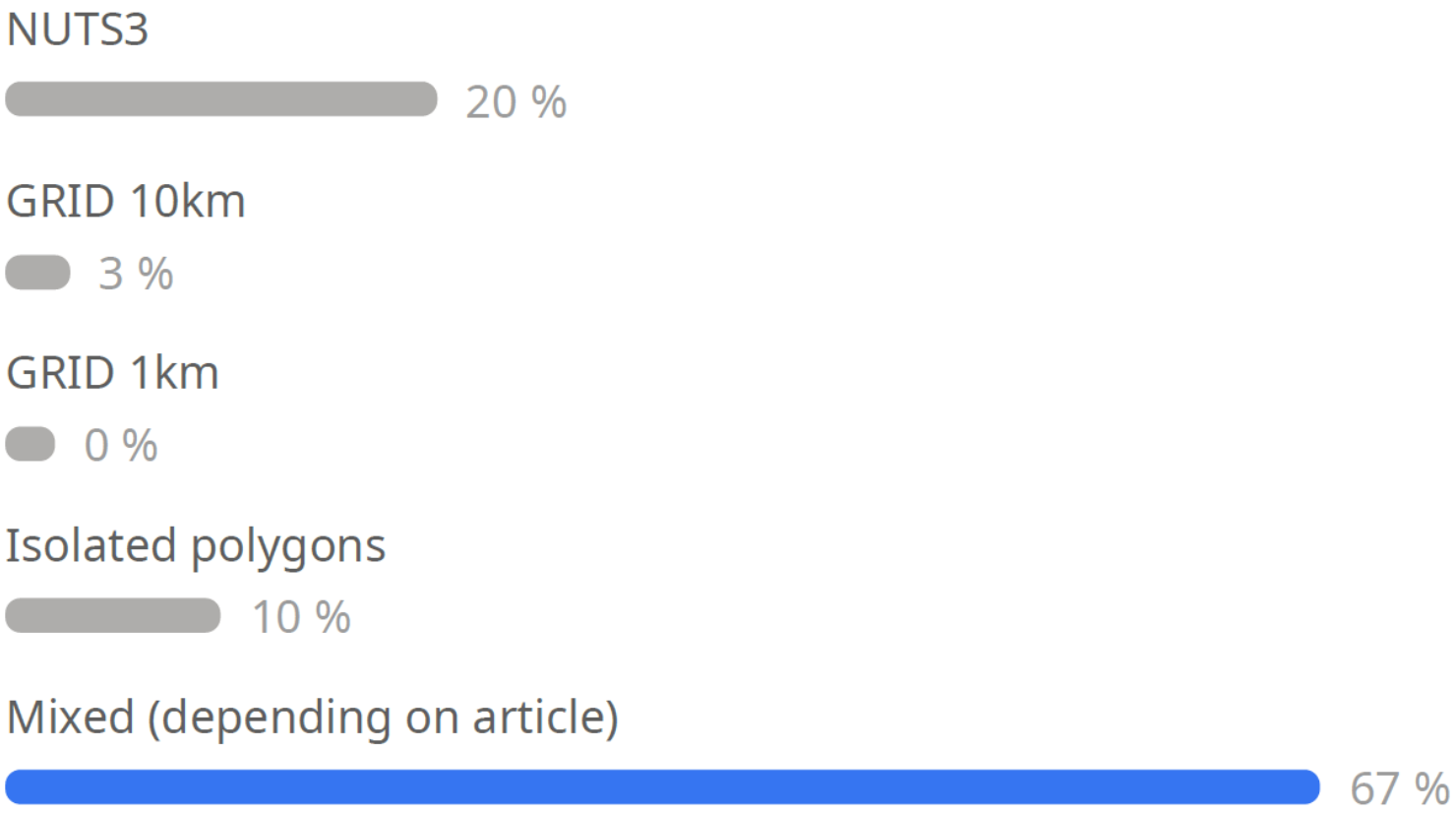
4 Terrestrial, coastal and freshwater ecosystems									
6.2.2.3	Indicative maps of potential areas subject to restoration measures (Art.15(3)(a)) - habitat condition by 2030				✓				**t6_ImprHabCondPolygons**
6.3.1.5	Indicative maps of potential areas - habitat's condition by 2040 and 2050				✓				
6.2.4.6	Indicative maps of potential areas subject to restoration measures - habitats area up to 2030	✓	✓	✓	✓				**t6_ReEstabHabAreaNuts3, t6_ReEstabHabAreaGridCells, t6_ReEstabHabAreaPolygons**
6.3.2.4	Indicative maps of potential areas - habitats area up to 2040 and 2050	✓	✓	✓	✓				
6.2.5.4	Indicative maps of potential areas subject to restoration measures - habitats of species up to 2030	✓	✓	✓	✓				**t6_RestHabOfSpeciesNuts3, t6_RestHabOfSpeciesGridCells, t6_RestHabOfSpeciesPolygons**
6.3.3.2	Indicative maps of potential areas - habitats of species up to 2050	✓	✓	✓	✓				

Live Poll during webinar

European Environment Agency

What geospatial format are you planning to use (for the tables where options are available)?

0 3 0



Import Format: CSV, Excel file, Extended Template

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- For the NUTS3 and GRID Geospatial Data categories
- Similar to descriptive data
- With a reference to a geospatial unit

In the case of using higher resolution NUTS3 datasets (<1:1000,000) for aggregation

- No issue for the reporting as long as the NUTS IDs are identical
- On EEA side however, they will be linked to the 1:1000,000 scale units

t14_5_2_MeasuresNuts3

measure_id	nuts3_ids	area
ITMEAS-ALFA	nuts2024.ITF61	3
ITMEAS-BRAVO	nuts2024.ITH33	2
ITMEAS-CHARLIE	nuts2024.ITI32	8
ITMEAS-DELTA	nuts2024.ITI43	5
ITMEAS-ECHO	nuts2024.ITF52	7
ITMEAS-FOXTROT	nuts2024.ITC32	2

t14_5_2_MeasuresGridCells

measure_id	gridcell_code	area
ITMEAS-ALFA	10kmE434N244	7
ITMEAS-ALFA	10kmE434N243	3
ITMEAS-ALFA	10kmE434N242	2
ITMEAS-BRAVO	10kmE434N241	5
ITMEAS-BRAVO	10kmE433N240	3
ITMEAS-BRAVO	10kmE434N240	5
ITMEAS-CHARLIE	10kmE434N243	7
ITMEAS-CHARLIE	10kmE434N242	5
ITMEAS-CHARLIE	10kmE434N241	4
ITMEAS-DELTA	10kmE434N244	3
ITMEAS-DELTA	10kmE434N242	2
ITMEAS-DELTA	10kmE434N241	7
ITMEAS-DELTA	10kmE434N240	8
ITMEAS-ECHO	10kmE434N240	1

Import Format: Geopackage

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Geopackages

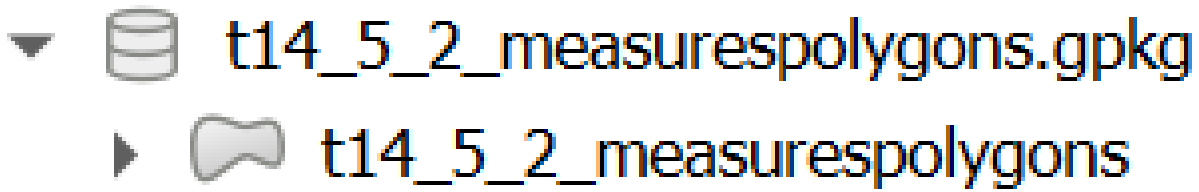
- Open-source format geospatial vector data
- Similar to Shapefiles and ESRI File Geodatabase

Available spatial reference systems

- EPSG: 3035 (https://epsg.io/3035 - Projected ETRS89-extended / LAEA Europe)
- EPSG: 4258 (https://epsg.io/4258 - European geodetic ETRS89)
- EPSG: 4326 (https://epsg.io/4326 - World Geodetic System WGS84)

Naming and Structure

- Geopackage file: [*article_table*].gpkg
- Only one table inside each geopackage using the same name: [*article_table*]



Geopackage: Attribute tables

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Mandatory fields

- Two fields are required for all Geopackages
- To ensure basic functionality
- Not listed in the Data Models or related Extended Templates

  - **fid [feature_id]**
    - Internal identifier of the individual geometry
    - Must be a unique integer, starting from 1 and up to n number of geometries.

  - **geometry**
    - storing the vector geometries
    - geometry type (Point, Line, Multipolygon, etc.) assigned .
    - Usually not visible in the attribute table in GIS software

Geopackage: Attribute tables

European Environment Agency

Specific fields

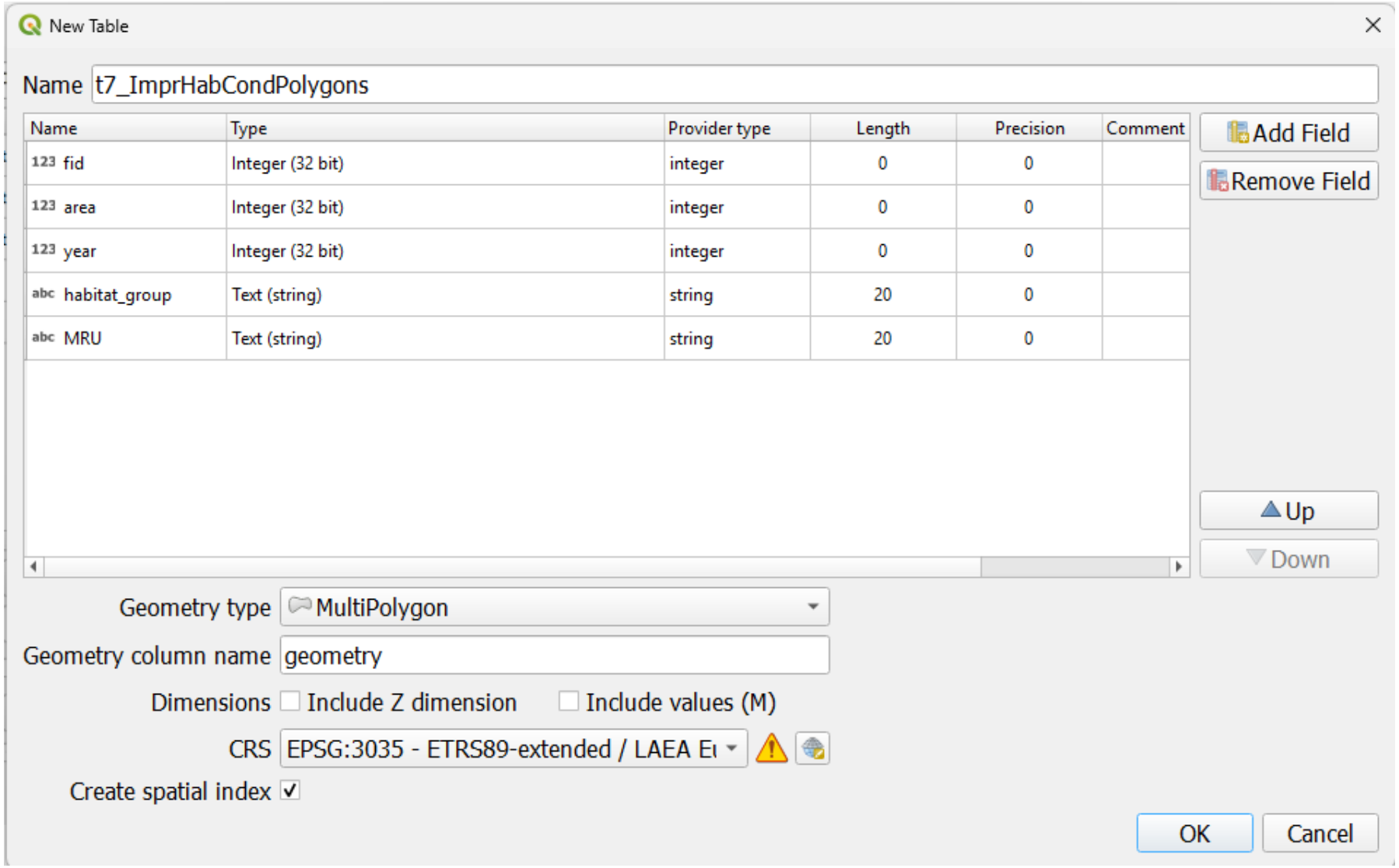
- Relative to each table in the geospatial data models,
- additional tabular data shall be provided in the corresponding attribute table.

Examples

- **area**
  - The true area represented by the spatial unit
  - It can be smaller or equal to the total area of the polygon, but never larger
- **year**
  - Specifies the target reference year (e.g. 2030, 2040, 2050)
- **euBarrierCode**
  - Specifies the Thematic ID barrier code listed in the descriptive data for each vector point.
  - Consistency with the barriers listed in descriptive data is checked
- **habitat_group**
  - Specifies the habitat groups related to the article. Checks consistency with related field in descriptive data

Geopackage: Attribute tables

European Environment Agency



Update on Article 8 & 9 geospatial

European Environment Agency

- Data Models (DM) published
  - Extended Templates (ET) coming next week

- Implementation in Reportnet 3 ongoing

- Potentially a separate testing dataflow opening in March
  - If so, more info will be announced

- Second webinar focusing on article 8 & 9 geospatial in March

Update on Article 8 geospatial

European Environment Agency

Article	Reference	NUTS3	Grid 10km	Grid 1km	Isolated Polygons	Vector lines	Vector Points	Raster (10m)	Geospatial Reporting Table Options
8 Urban Ecosystems									
8.2.1.2	Indicative areas (or description) of areas subject to restoration measures to meet the restoration target of 'no net loss' (Art.15(3)(a))	✓	✓	✓	✓				**t8_Art8Nuts3, t8_Art8GridCells, t8_RestorationPolygons**
8.2.2.2	Indicative maps or description of potential areas subject to restoration measures to achieve an increasing trend in the total national area of urban green space (Art.15(3)(a)) (optional)	✓	✓	✓	✓				
8.2.2.4	Indicative areas (maps or description) subject to restoration measures to achieve an increasing trend in the urban tree canopy cover for each urban ecosystem area (Art.15(3)(a)) (optional)	✓	✓	✓	✓				
8.1.2.4	If b) is selected in 8.1.2.1, map of urban ecosystem areas. In this case, information in Additional Information III should also be provided				✓				**t8_UEAPolygons**
8.1.3.2	Area and map of national share of urban green space in urban ecosystem areas at the time of entry into force of the Regulation				✓				
8.1.3.3	Area and map of national tree canopy cover in urban ecosystem areas at the time of entry into force of the Regulation				✓				
8.1.3.1	Supplementary data beyond Copernicus were used for the estimate of urban green space and/or tree canopy cover, in accordance with Art. 3(20) and (21) - if a) is 'yes', metadata, supplementary data and justification to be provided							✓	**t8_beyondCLMSUGSRaster, t8_beyondCLMSTCCRaster**

Update on Article 9 geospatial

European Environment Agency

Article	Reference	NUTS3	Grid 10km	Grid 1km	Isolated Polygons	Vector lines	Vector Points	Raster (10m)	Geospatial Reporting Table Options
9 Natural connectivity of rivers and natural functions of the related floodplains									
9.2.1.2	Indicative map of potential free-flowing rivers to be restored from 2020 to 2030 (Art.15(3)(a))					✓			**t9_Art9Lines**
9.2.1.4	Indicative map of free-flowing rivers baseline in 2020					✓			
9.3.1.2	Indicative maps of potential free-flowing rivers after June 2032 (optional)					✓			
9.2.2.2	Indicative map of potential areas subject to restoration measures - up to 2030				✓				**t9_Art9Polygons**
9.3.2.2	Indicative maps of potential areas subject to restoration measures to improve the natural functions of related floodplains (Art.15(3)(a)) - after June 2032 (optional)				✓				
AI IV 4.3	Location of the barrier				✓	✓	✓		**t18_BarrierPoint, t18_BarrierPolygon, t18_BarrierLine**

Article 8 Rasters - Concept

European Environment Agency

- Instructions will be added in the Technical Reporting Manual
- Uploaded in RN3 as attachment (exact function pending)
- **Raster templates** will be provided
  - Ensuring structured data
  - Configured according to parameters in table
  - MS updates template with UGS and TCC values

Parameter	Value
Projection	LAEA (EPSG: 3035)
Pixel/cell size	10x10 metre
Pixel alignment	x, y origin (anchor)
Format	GeoTIFF
Bit-depth	UINT-8
Compression	LZW

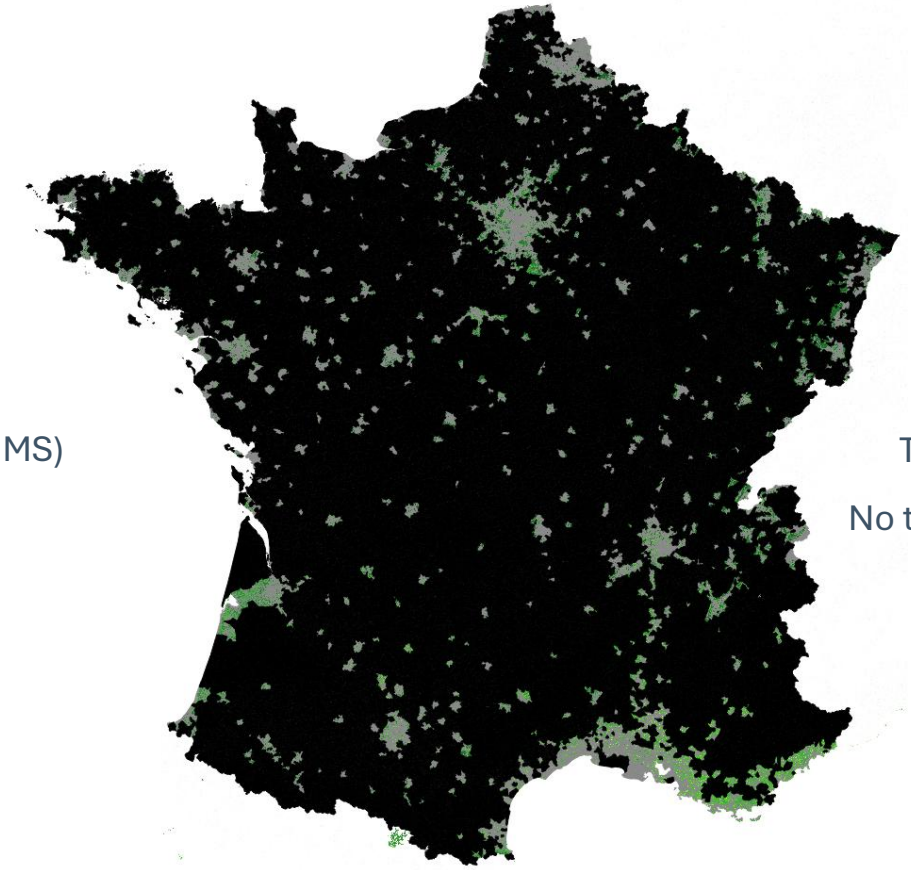
Article 8 Rasters Template - Concept

European Environment Agency

MS Raster Template
[MS receives]

Template (inside MS)

MS Urban Tree Canopy Cover
[MS reports back]



Trees (inside LAU/UEA)

No trees (inside LAU/UEA)

Outside LAU/UEA

Live Poll during webinar

European Environment Agency

What are your current plans for monitoring Urban Green Space and Tree Canopy Cover?

0 2 3

Use the pre-existing data derived from CLMS datasets (CLCplus Backbone & Tree Cover Density)

65 %

Go "beyond Copernicus" and use national monitoring products

35 %

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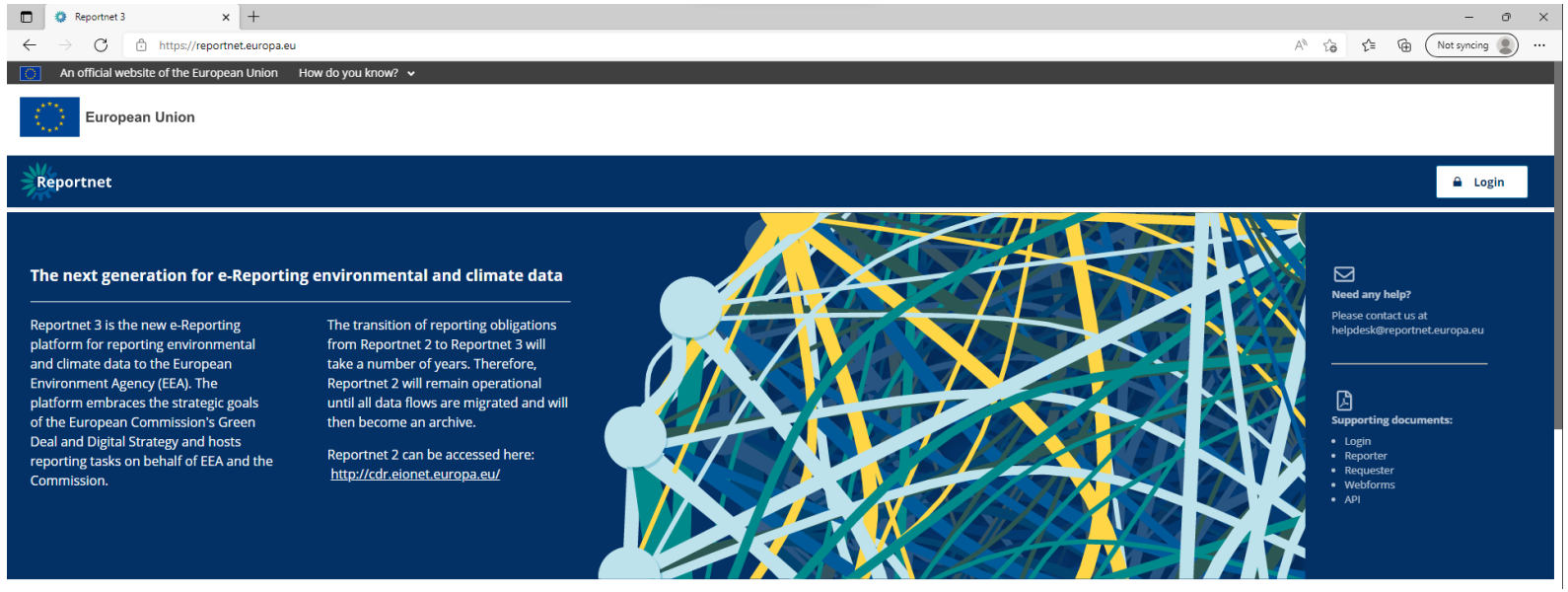
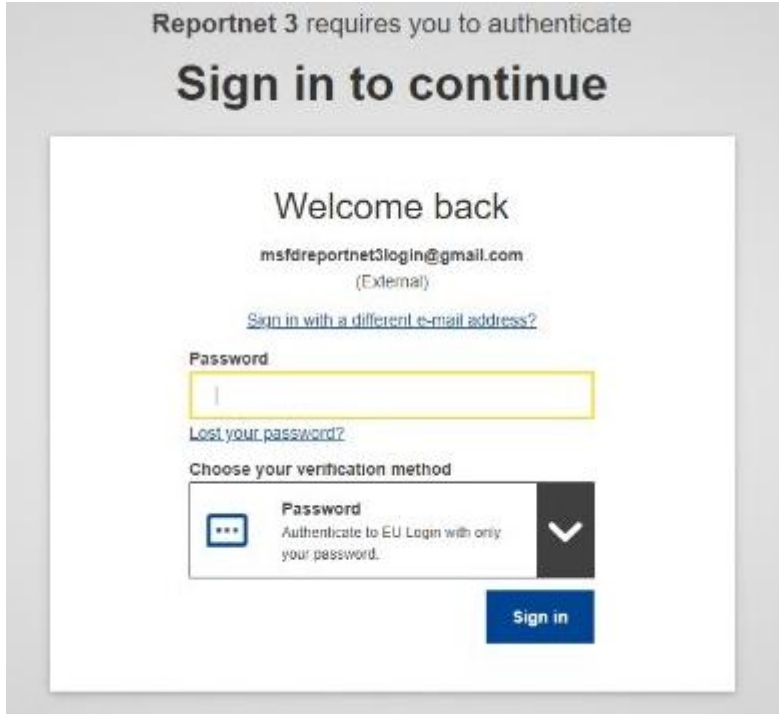
Reportnet3 Upload and Validation of Geospatial Datasets

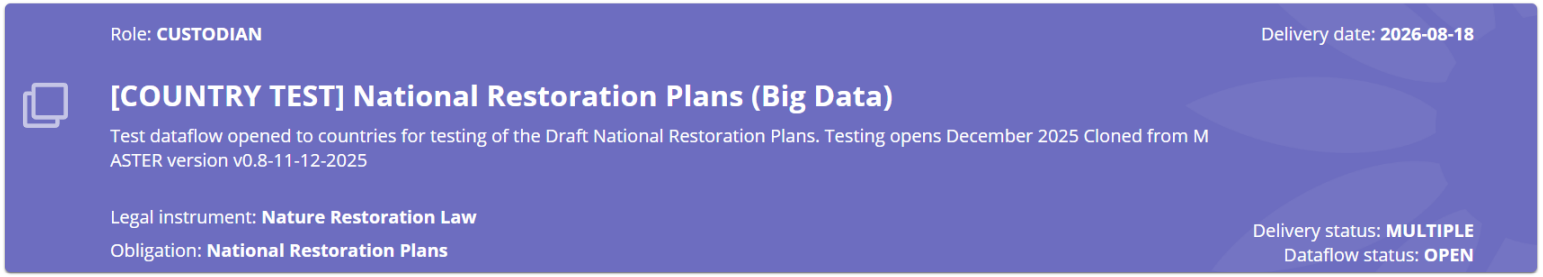
Reportnet 3

European Environment Agency

https://reportnet.europa.eu/







Guidance on getting EU login and registering on platform can be found in the HowTo on the main page https://reportnet.europa.eu/

two-factor verification on a mobile phone for the EU login

“Geospatial” articles and datasets

European Environment Agency

- GEO Part B - Article 04
- GEO Part B - Article 05 and Additional Info II
- GEO Part B - Article 10
- GEO Part B - Article 11
- GEO Part B - Article 12

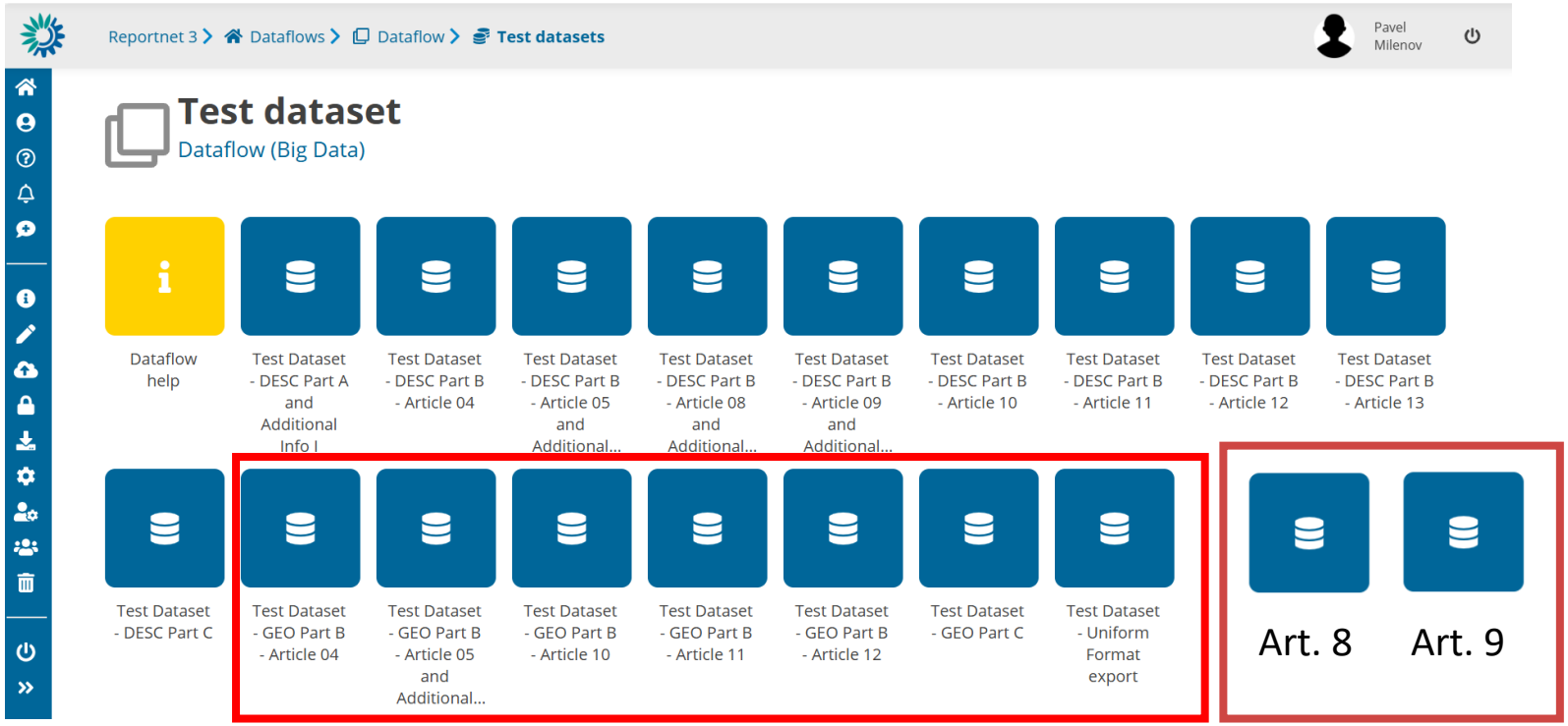
- GEO Part C

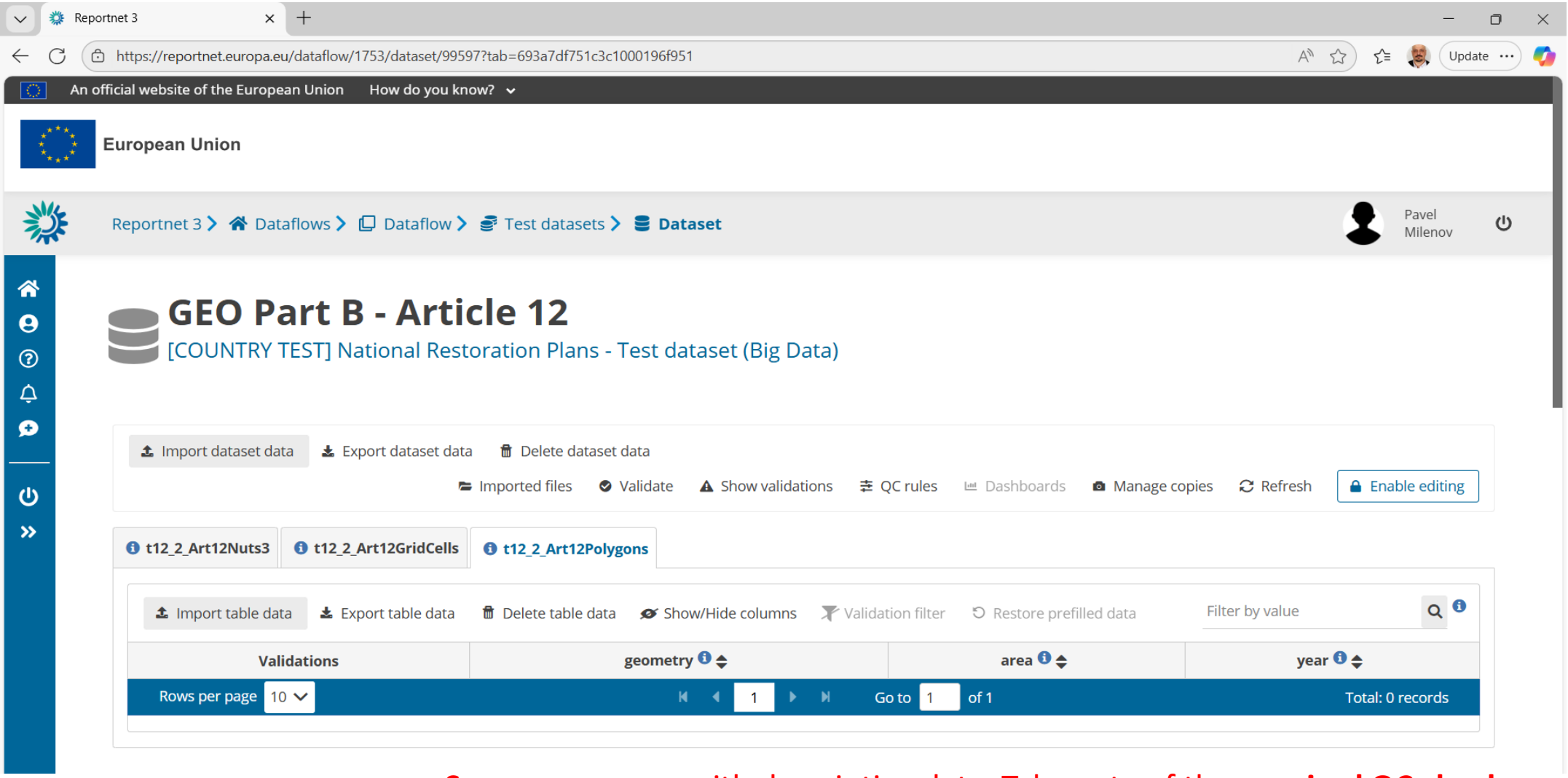
Upcoming:

- GEO Part B - Article 8 and Additional Info III

- GEO Part B - Article 9 and Additional Info IV

The same steps are followed as for the “Descriptive Data” and as detailed in the ‘Reporting Manual’.
The difference being the schemas and the quality control checks.





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- **Same process** as with descriptive data. Take note of the **required QC checks**
- If the polygon geometry field size exceeds 70MB, the field value will **not be stored**. Optimize the **shape** of the feature
- File size can be up **to 10GB**

geometry
42.8057697,22.9074029,42.8057875,2...

Polygon geometry field

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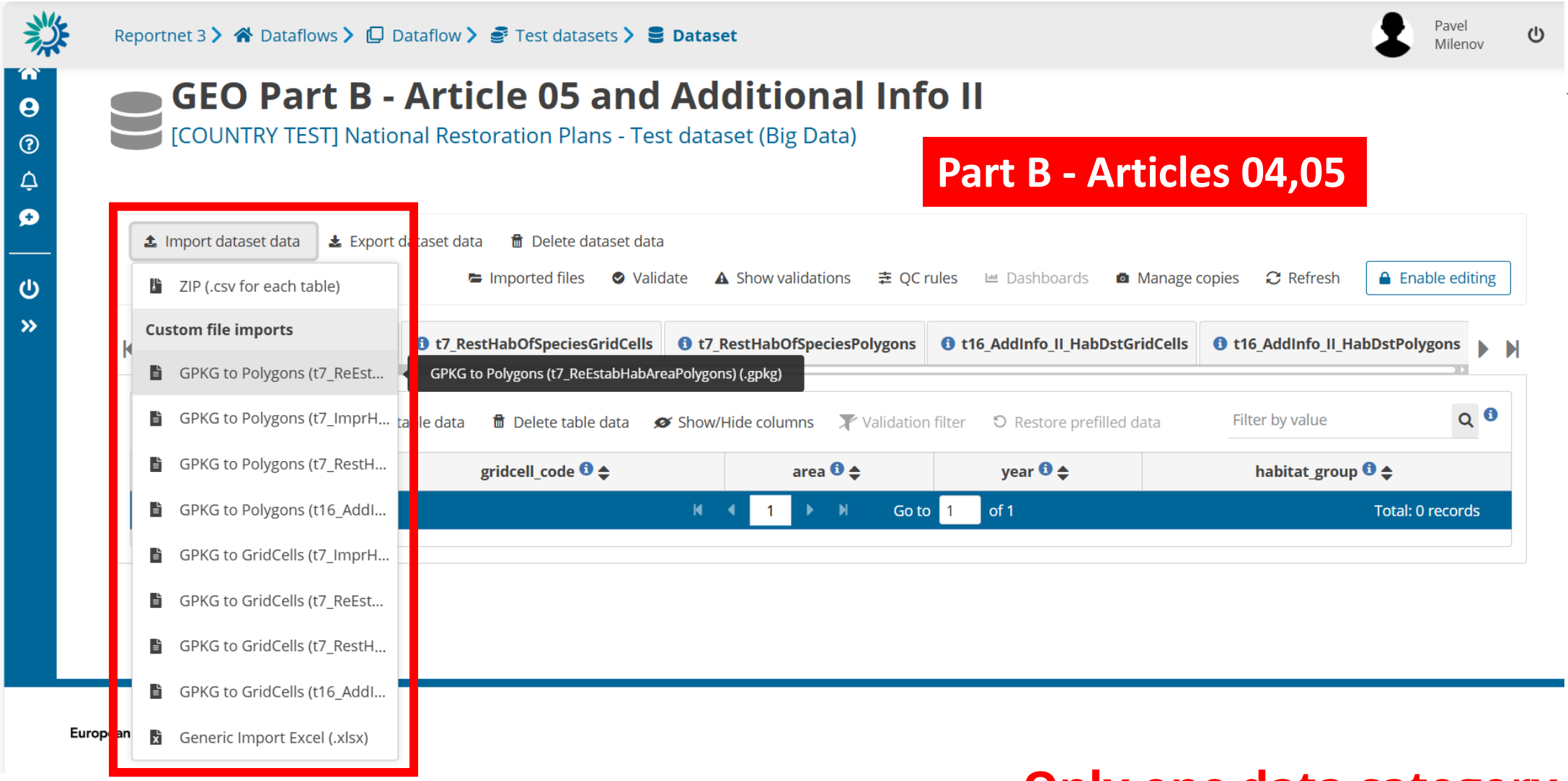
Separate “table” in Reportnet 3 for each combination of UF section and data category

Data category / Sections of the Uniform Format (UF)	*NUTS3*	*GdirCell10/ GridCell1*	*(Multi)Polygons*
ImprHabCond	Art4	Art.4, Art.5	Art.4, Art.5
ReEstbHabArea	Art4	Art.4, Art.5	Art.4, Art.5
RestHabOfSpecies	Art4	Art.4, Art.5	Art.4, Art.5
AddInfo_II_HabDst		Art.5	Art.5



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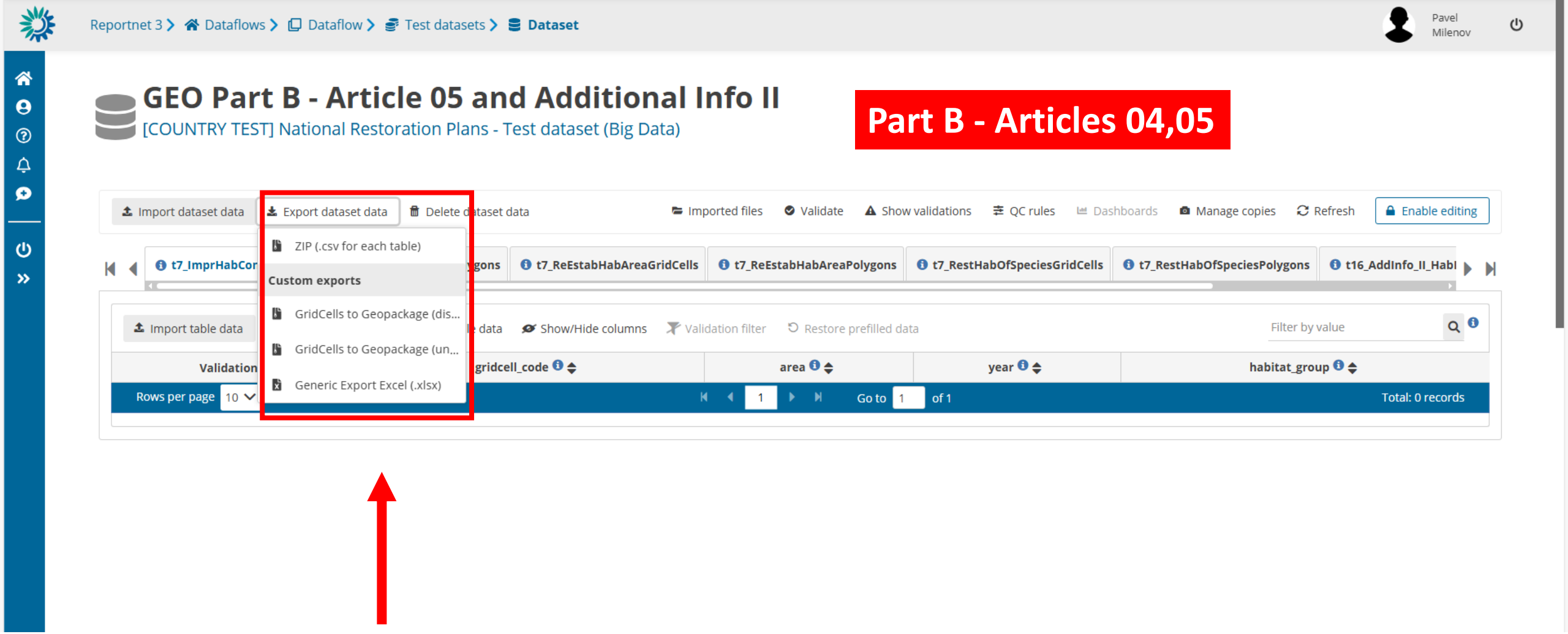
Each “table” has a specific dataset import option:

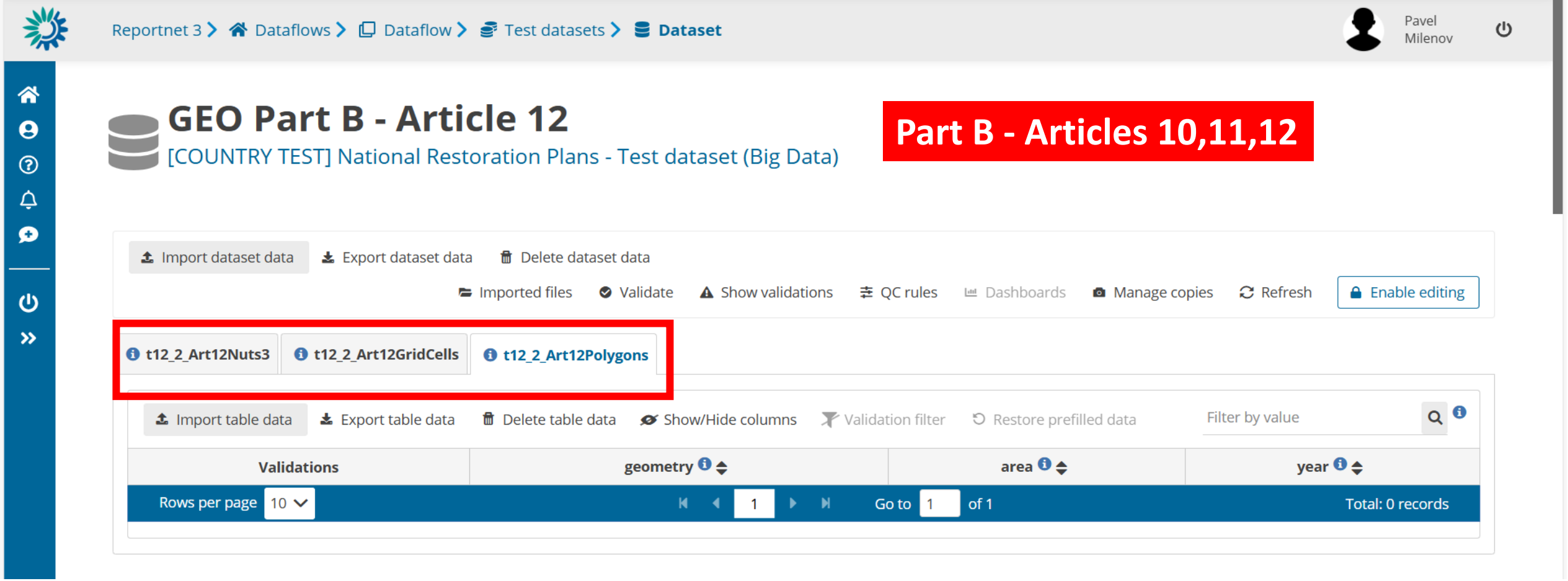
- NUTS3 – Generic Import Excel
- Grid cells – Geopackage (GPKG) to GridCells OR generic Import Excel as text
- Polygons – Geopackage (GPKG) to Polygons

Only one data category and import option is used for reporting in each table

Quality checks ensure data is only reported in one of the three tables



Templates which can be used for preparing the data for import are downloadable from the menu
However, it is recommended to use the extended templates per article, available on BISE portal, as they incorporate the relevant code lists to use.
EEA Grids are available on the EEA SDI web page.



Separate “table” in Reportnet 3 for each combination UF article and data category

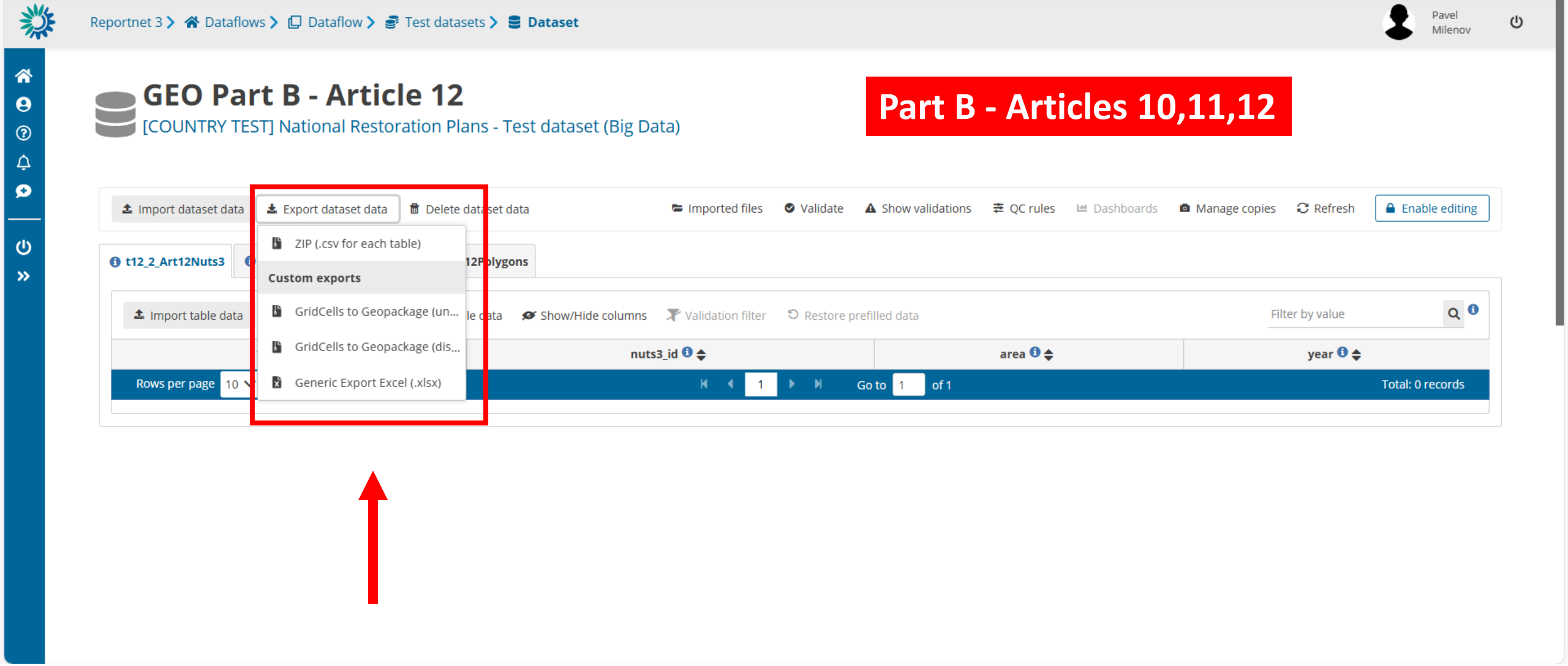
Data category / Articles in UF	*NUTS3*	*GdirCell10/ GridCell1*	*(Multi)Polygons*
Article 10	X	X	X
Article 11	X	X	X
Article 12	X	X	X

Each table has a different dataset import option:

- NUTS3 – Generic Import Excel
- Grid cells – Geopackage to GridCells OR generic Import Excel as text
- Polygons – Geopackage to Polygons

Only one data category and import option is used for reporting in each table

Quality checks ensure data is only reported in one of the three tables



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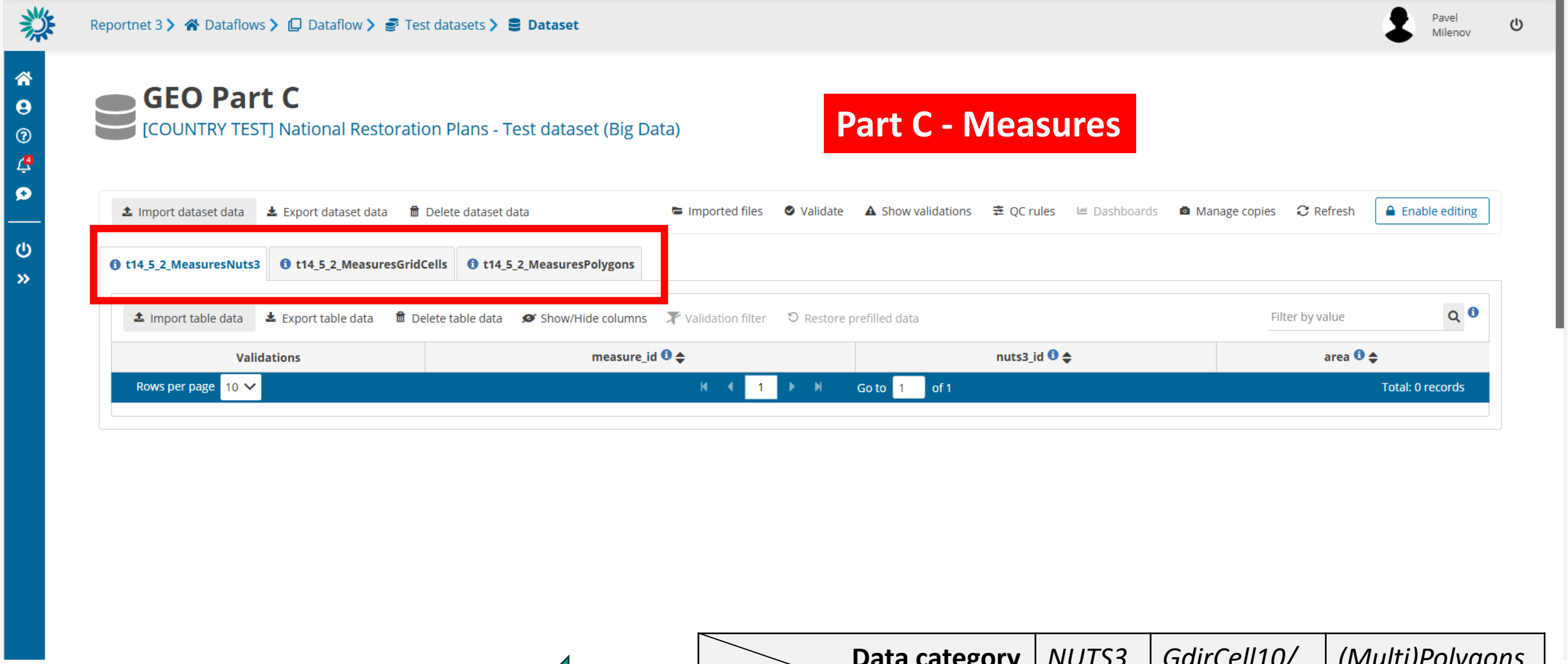
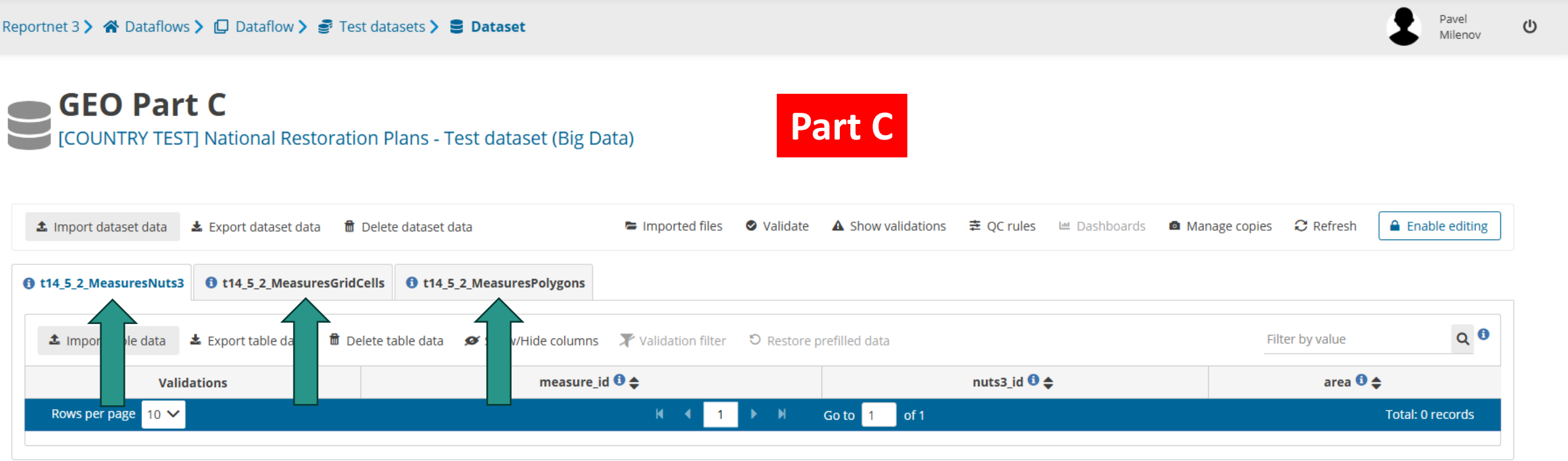


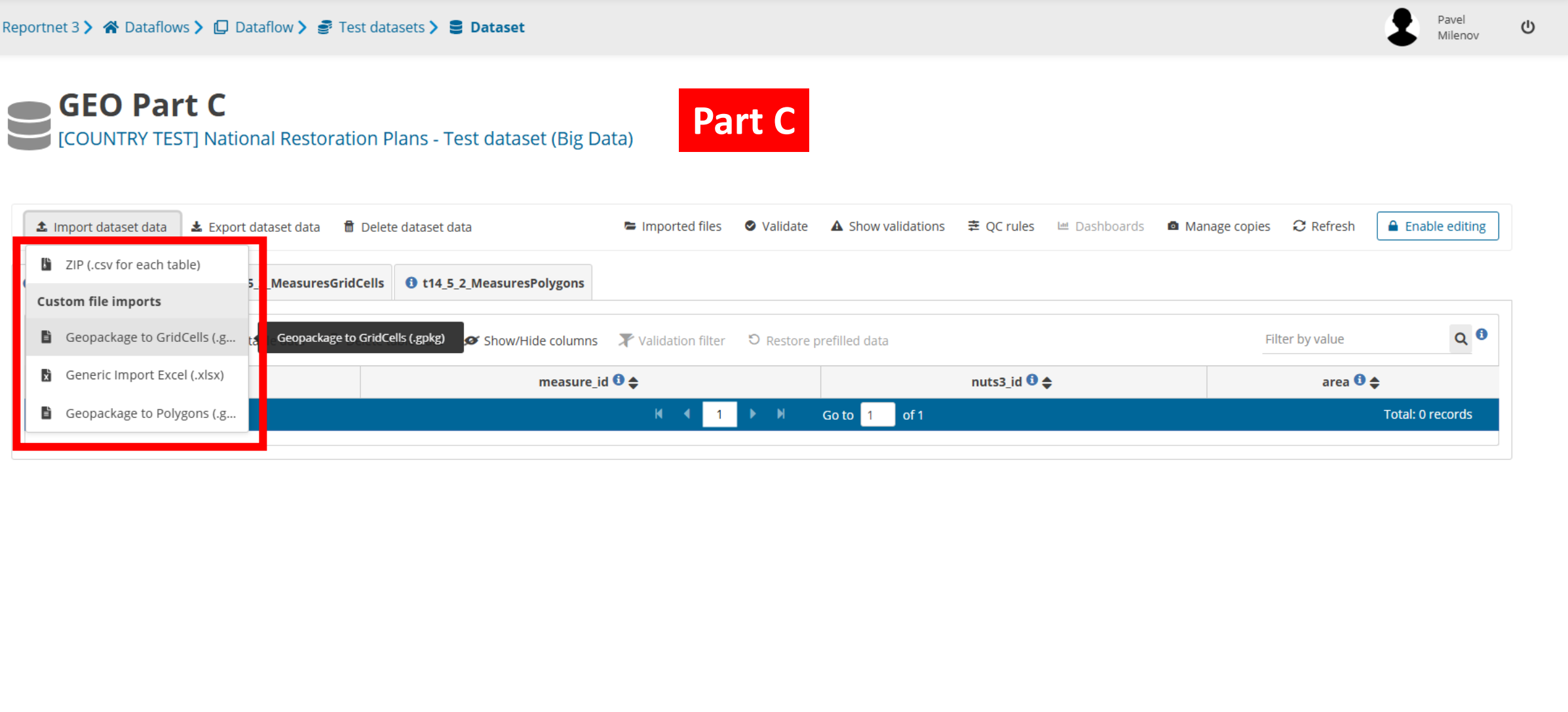
Separate “table” in Reportnet 3 for data category
Multiple measures can be reported per table

Part C in UF \ Data category	*NUTS3*	*GdirCell10/ GridCell1*	*(Multi)Polygons*
Measures 1 to N	X	X	X



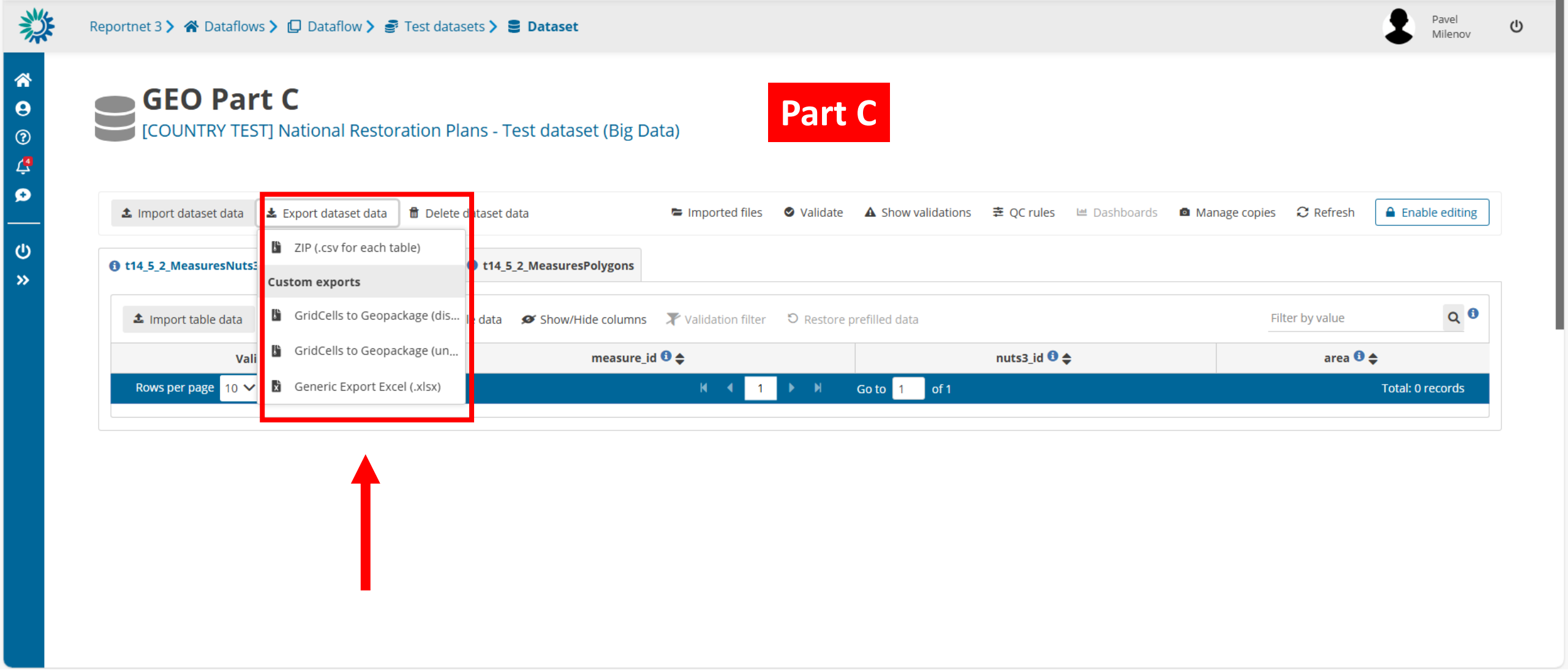
For reporting on Part C:

- Countries can submit geospatial data in one or more of the three tables, providing that **one measure (from descriptive Part C) is reported only in one data category.**
- Quality checks ensure each measure is only reported once between the three tables
- The same file export/import file options are provided as with Part B
- NB: Because of the mixed options reporters should take care to not overwriting data in file import



Each table has a different dataset import option:

- NUTS3 – Generic Import Excel
- Grid cells – Geopackage to GridCells OR generic Import Excel as text
- Polygons – Geopackage to Polygons



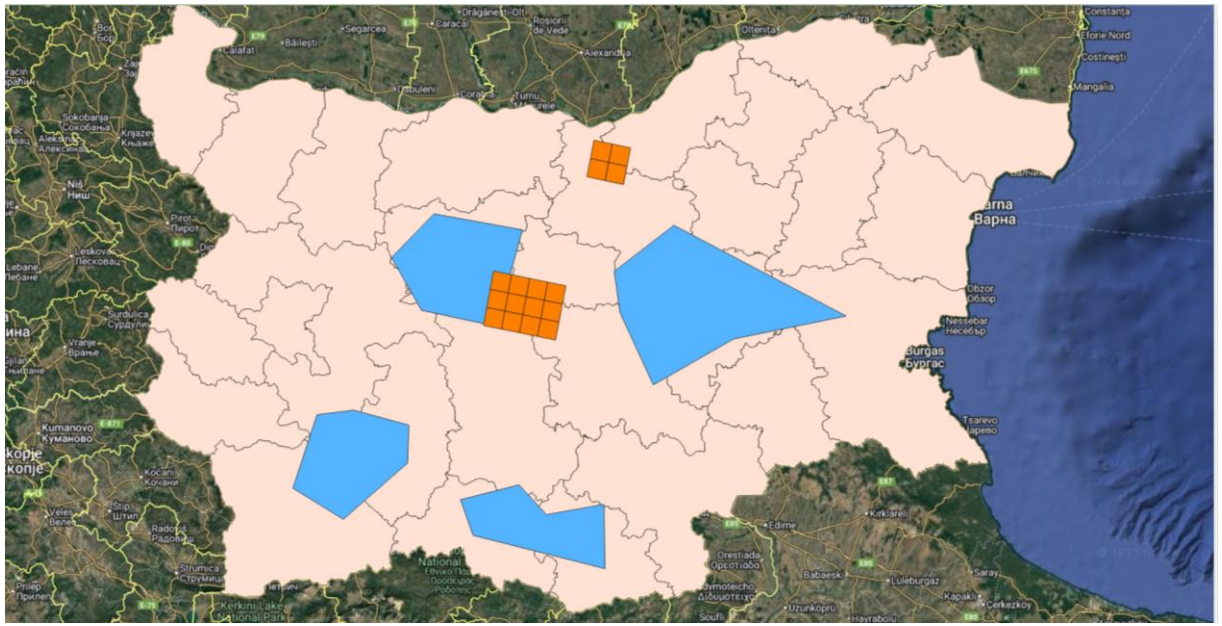
Templates which can be used for preparing the data for import are downloadable from the menu. However, it is recommended to use the extended templates per article, available on BISE portal, as they incorporate the relevant code lists to use.
EEA Grids are available on the EEA SDI web page.

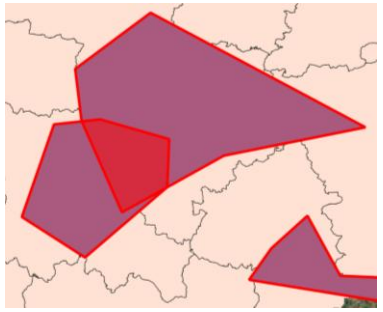
Geospatial QCs and challenges

European Environment Agency

- **Basic checks of format consistency and topology**
  - Geometry checks for:
    - expected syntax for a valid multi-polygon
    - supported coordinate reference system
    - valid geometry of multi-polygon
  - Geometry is inside the reporting country
- **Consistency checks with descriptive data**
  - reported values in the geospatial data are found in the descriptive data
  - uniqueness within/between the table(s)
  - only one data category and import option is used for a table
- **Constraints on attribute values**
  - [area] value reported less than geometric area (grid cell or polygon)
  - [gridcell_code] value from the Reference table countryCode

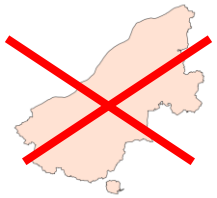
Correct geospatial data





overlaps between polygons are allowed

NUTS3



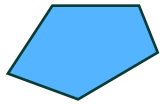
no geometry, only NUTS3 IDs

measure_id	nuts3_id	*nuts3_id_refLabel*	area
BGMEAS-ALFA	nuts2024.BG311	*VIDIN*	780
BGMEAS-ALFA	nuts2024.BG312	*MONTANA*	432
BGMEAS-ALFA	nuts2024.BG341	*BURGAS*	560
BGMEAS-ALFA	nuts2024.BG324	*RAZGRAD*	43
BGMEAS-BRAVO	nuts2024.BG332	*DOBRICH*	77
BGMEAS-BRAVO	nuts2024.BG344	*STARA ZAGORA*	43
BGMEAS-BRAVO	nuts2024.BG411	*SOFIA (STOLITSA)*	78
BGMEAS-CHARLIE	nuts2024.BG314	*PLEVEN*	21
BGMEAS-DELTA	nuts2024.BG333	*SHUMEN*	90
BGMEAS-ECHO	nuts2024.BG334	*TARGOVISHTE*	65
BGMEAS-FOXTROT	nuts2024.BG343	*YAMBOL*	30
BGMEAS-ECHO	nuts2024.BG343	*YAMBOL*	46

10x10 GRID

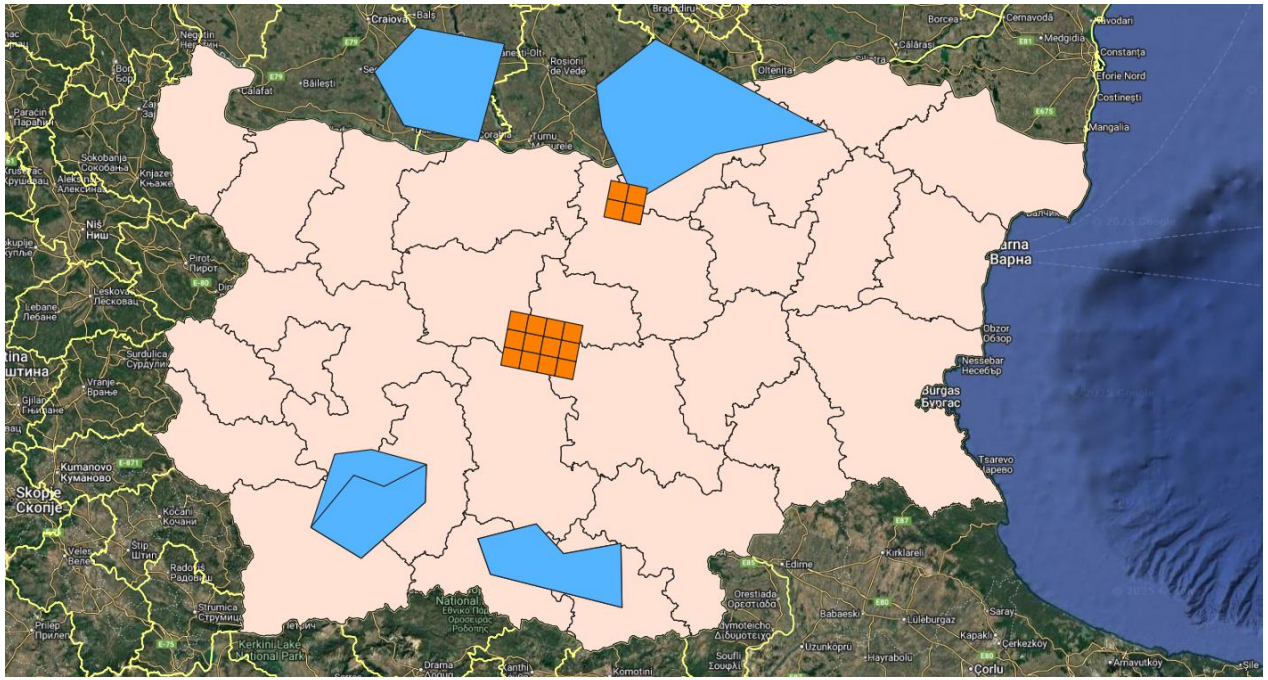
measure_id	gridcell_code	area
BGMEAS-ALFA1	10kmE552N229	5
BGMEAS-ALFA1	10kmE552N230	7
BGMEAS-ALFA1	10kmE552N231	2
BGMEAS-BRAVO1	10kmE553N229	2
BGMEAS-BRAVO1	10kmE553N230	1
BGMEAS-BRAVO1	10kmE553N231	5
BGMEAS-CHARLIE1	10kmE554N229	7
BGMEAS-CHARLIE1	10kmE554N230	6
BGMEAS-CHARLIE1	10kmE554N231	8
BGMEAS-CHARLIE1	10kmE555N229	8
BGMEAS-CHARLIE1	10kmE555N230	9
BGMEAS-DELTA1	10kmE555N231	10
BGMEAS-OMEGA3	10kmE556N238	4
BGMEAS-OMEGA3	10kmE556N239	3
BGMEAS-ZETTA4	10kmE557N238	2
BGMEAS-ZETTA5	10kmE557N239	1
BGMEAS-CHARLIE1	10kmE557N238	2

Multi-polygons



geometry	measure_id	area
1	BGMEAS-CHARLIE3	8150
2	BGMEAS-FOXTROT4	4671

Incorrect geospatial data



In Italy

NUTS3

measure_id	nuts3_id	nuts3_id_refLabel	area
ITMEAS-ALFA	nuts2024.BG311	*VIDIN*	780
BGMEAS-ALFA	nuts2024.BG312	*MONTANA*	-432
BGMEAS-ALFA	nuts2024.ITI43	*ROMA*	560
BGMEAS-ALFA	nuts2024.BG324	*RAZGRAD*	43
BGMEAS-BRAVO	nuts2024.BG332	*DOBRICH*	77
BGMEAS-BRAVO	nuts2024.BG332	*DOBRICH*	77
BGMEAS-BRAVO	nuts2024.BG411	*SOFIA (STOLITSA)*	78
BGMEAS-CHARLIE	nuts2024.BG314	*PLEVEN*	21
BGMEAS-DELTA	nuts2024.BG333	*SHUMEN*	90
BGMEAS-ECHO	nuts2024.BG334	*TARGOVISHTE*	65
BGMEAS-FOXTROT	nuts2024.BG343	*YAMBOL*	30
BGMEAS-ECHO	nuts2024.BG343	*YAMBOL*	46

10x10 GRID

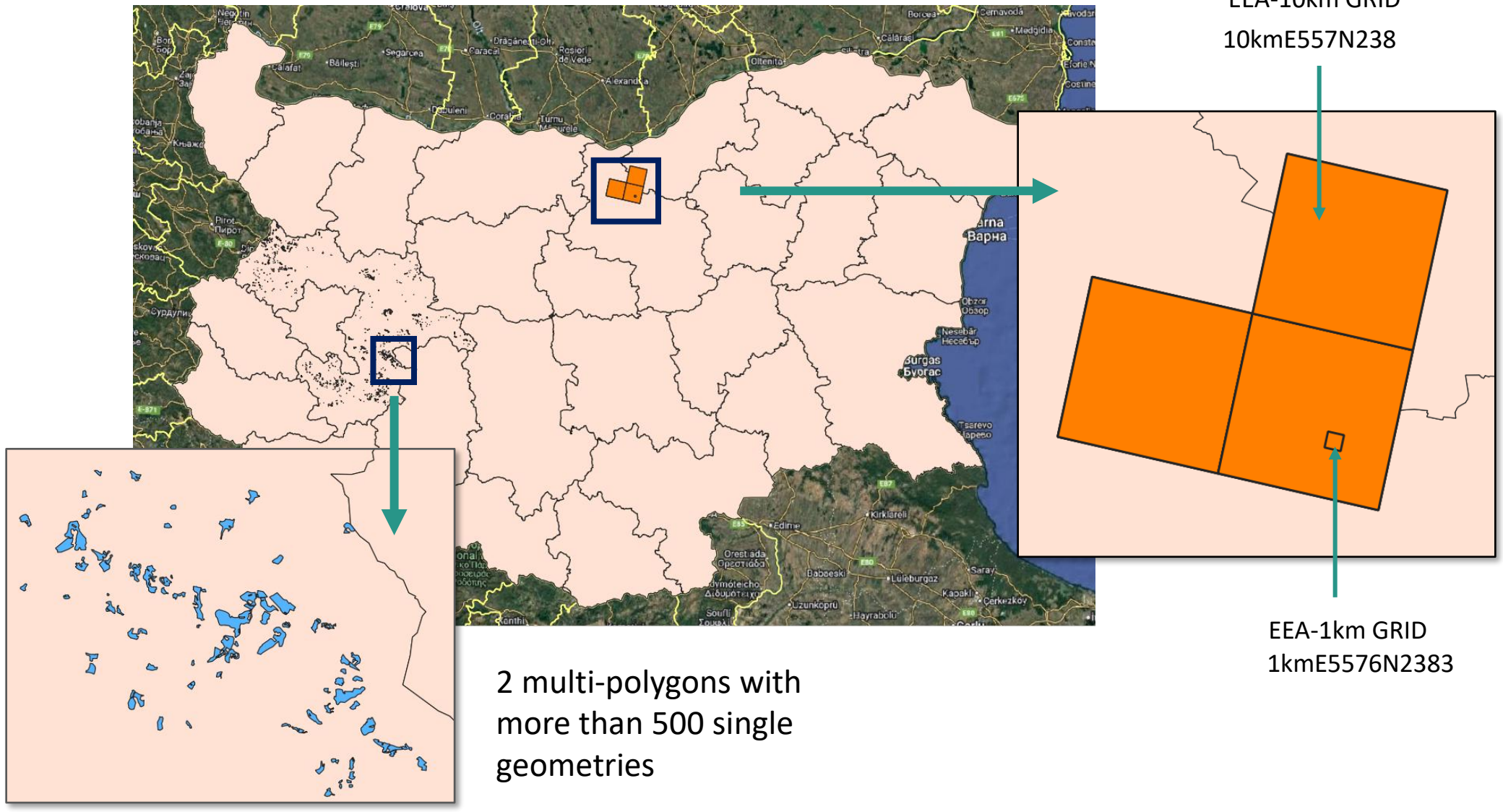
measure_id	gridcell_code	area
ITMEAS-ALFA1	10kmE552N229	5
BGMEAS-ALFA1	10kmE552N230	-7
BGMEAS-ALFA1	10kmE552N231	2
BGMEAS-BRAVO1	10kmE433N240	2
BGMEAS-BRAVO1	10kmE553N230	1
BGMEAS-BRAVO1	10kmE553N230	1
BGMEAS-CHARLIE1	10kmE554N229	7
BGMEAS-CHARLIE1	10kmE554N230	6
BGMEAS-CHARLIE1	10kmE554N231	8
BGMEAS-CHARLIE1	10kmE555N229	8
BGMEAS-CHARLIE1	10kmE555N230	9
BGMEAS-DELTA1	10kmE555N231	12
BGMEAS-OMEGA3	10kmE556N238	4
BGMEAS-OMEGA3	10kmE556N239	3
BGMEAS-ZETTA4	10kmE557N238	2
BGMEAS-ZETTA5	10kmE557M239	1
BGMEAS-ZETTA7	10kmE557N238	2
BGMEAS-ECHO	10kmE556N239	3

Multi-polygons

geometry	measure_id	area
1	ITMEAS-CHARLIE3	8150
2	ITMEAS-CHARLIE3	-4671
3	BGMEAS-ECHO	4671

Specific implementations

European Environment Agency



Combination of different EEA grids

2 multi-polygons with more than 500 single geometries

The case of invalid geometry

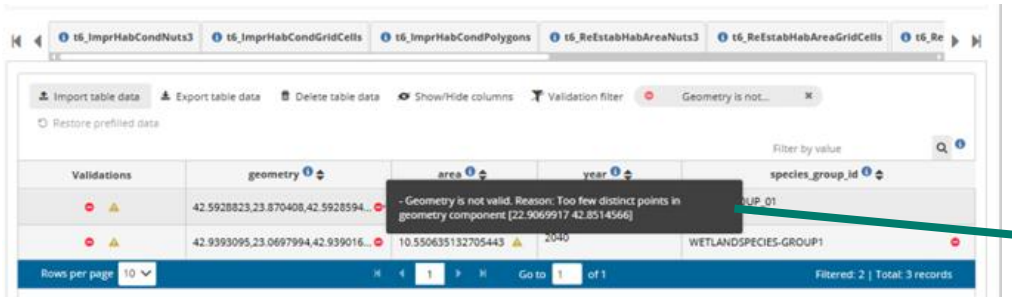
missing geometry, dangle nodes, self-intersections

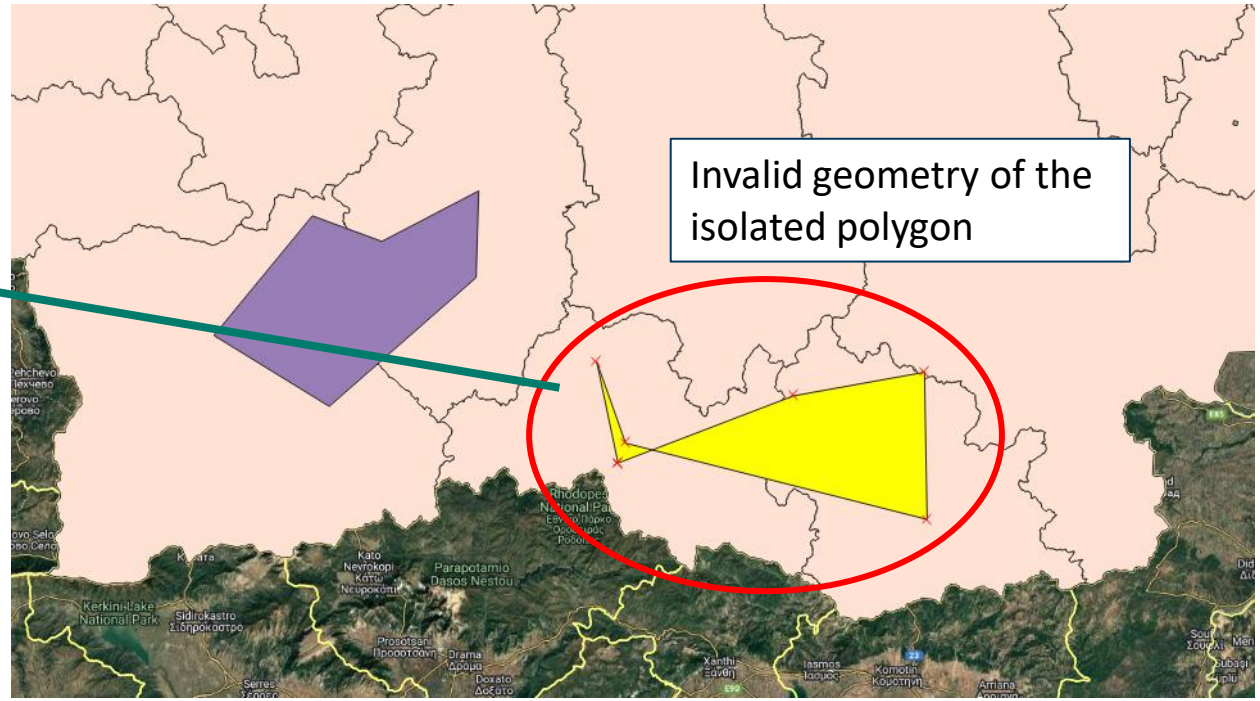
GEOSPATIAL

t6_ImprHabCondPolygons

geometry	area	year	habitat_group
Coords 41.5817642,24.5924395,… EPSG: WGS84 - 4326	876	2030	Art4_group_5
Coords 42.0610932,23.9053484,… EPSG: WGS84 - 4326	467	2030	Art4_group_3

Issue displayed in Reportnet 3

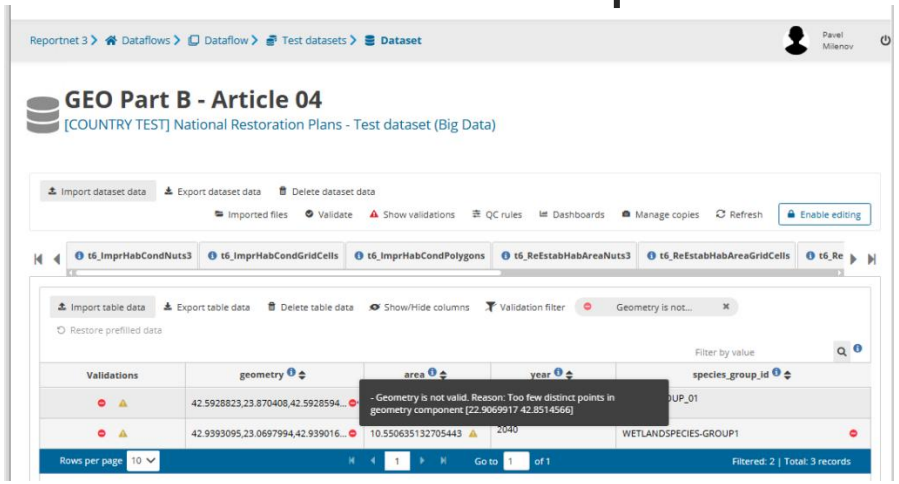


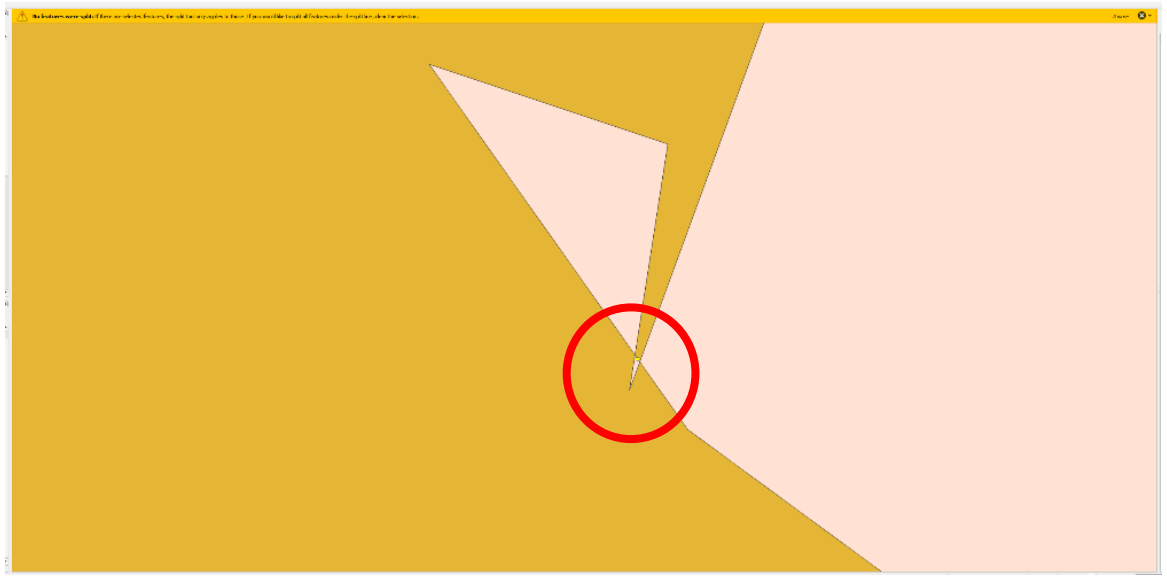


Hovering message, providing information on the type of issue and its location in LatLon

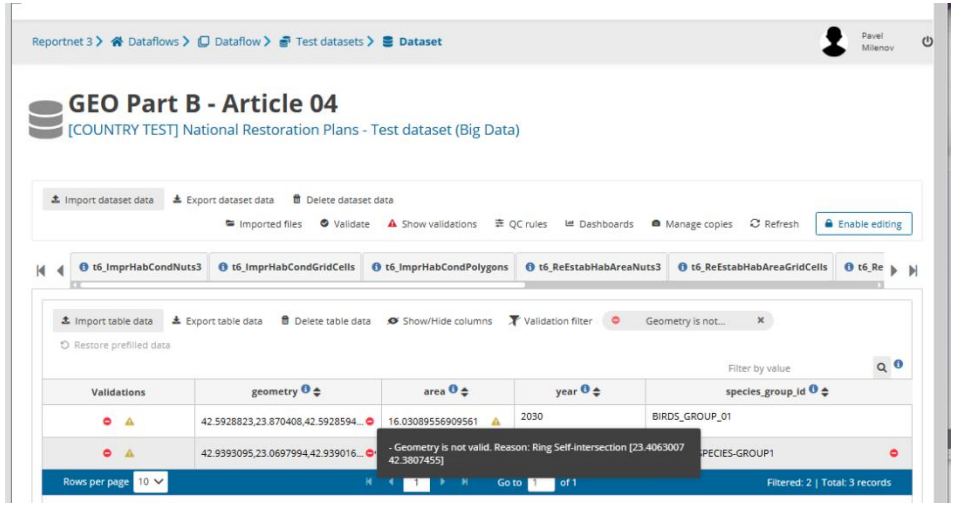
Different geometry issues

Too few distinct points





Ring self-intersection



Reporting invalid geometries

It will be difficult to handle and correct the geometry issues in Reportnet3
Check and correct geometries in your local GIS environment before importing

Two multi-polygons with 5 invalid geometries

Imported as multi-parts

The validation report

Short code | Type of QC | Table | Field | Severity Level | Filter | Reset

Entity	Table	Field	Code	Severity Level	Message	Number of records
FIELD	t6_RestHabOfSpeciesPolygons	geometry	FT62	BLOCKER	Geometry is not valid. Reason: <reason>	2
FIELD	t6_RestHabOfSpeciesPolygons	species_group_id	TC108	BLOCKER	The value is not a valid member of the referenced list.	1

Rows per page 10 | 1 | Go to 1 of 1 | Total: 2 records (total errors: 3)

Only two issues reported

Import dataset data | Export dataset data | Delete dataset data | Imported files | Validate | Show validations | QC rules | Dashboards | Manage copies | Refresh | Enable editing

t6_ImprHabCondNuts3 | t6_ImprHabCondGridCells | t6_ImprHabCondPolygons | t6_ReEstabHabAreaNuts3 | t6_ReEstabHabAreaGridCells | t6_ReE

Import table data | Export table data | Delete table data | Show/Hide columns | Validation filter | Geometry is not... | Restore prefilled data | Filter by value

Validations	geometry	area	year	species_group_id
	42.8057697,22.9074029,42.805787...	15	2030	BIRDS_GROUP_01
	42.7872148,22.92428,42.7874794,...	8	2040	WETLANDSPECIES-GROUP1

Rows per page 10 | 1 | Go to 1 of 1 | Total: 2 records (filtered)

Imported as single-parts

A filtered list with the invalid geometries

Table | Field | Severity Level | Filter | Reset

Entity	Table	Field	Code	Severity Level	Message	Number of records
FIELD	t6_ReEstabHabAreaPolygons	habitat_group	FC91	BLOCKER	The value must not be missing or empty	1000+
FIELD	t6_ReEstabHabAreaPolygons	geometry	FT44	BLOCKER	Geometry is not valid. Reason: <reason>	5

Rows per page 10 | 1 | Go to 1 of 1 | Total: 1646 records (total errors: 3653)

All five issues reported

t6_ImprHabCondNuts3 | t6_ImprHabCondGridCells | t6_ImprHabCondPolygons | t6_ReEstabHabAreaNuts3 | t6_ReEstabHabAreaGridCells | t6

Import table data | Export table data | Delete table data | Show/Hide columns | Validation filter | Geometry is not... | Restore prefilled data | Filter by value

Validations	geometry	area	year	habitat_group
	42.8522473,22.9036032,42.8522518,...	15	2030	
	43.0274612,23.9287517,43.027577,2...	8	2040	
	42.9457836,23.6855362,42.9457775,...	15	2030	
	42.3799151,23.405711,42.3807455,2...	8	2040	
	43.0508627,23.1425222,43.0509453,...	15	2030	

Rows per page 10 | 1 | Go to 1 of 1 | Filtered: 5 | Total: 1646 records

Cross-table consistency

Import and validate of the related descriptive data, before the geospatial one

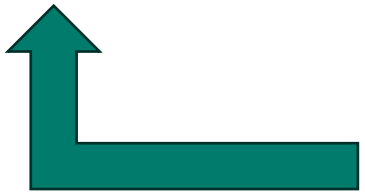
The reported attribute values in the geospatial data should relate to values in the descriptive data

DESCRIPTIVE

t6_2_2_ImprHabCond2030

habitat_group_restoration	habitat_type_restoration	area_restoration_2030_best	area_restoration_2030_min	area_restoration_2030_max

There are no records in the reference table



GEOSPATIAL

t6_ImprHabCondGridCells

gridcell_code	area	year	habitat_group
10kmE552N229	1.5	2030	Art4_group_5
10kmE553N229	1.2	2030	Art4_group_3

European Environment Agency

Frequently Asked Questions to the NRR Helpdesk

Helpdesk questions as potential FAQs

European Environment Agency

Question: We have more detailed national NUTS3, can we use them instead of EEA ones?

Answer: Reporting in not based on NUTS3 geometries; it is tabular, based on NUTS3 IDs. The QC that verify the location of the polygons within the country uses EEA NUTS0 with buffer to ensure proper handling of potential border issues.

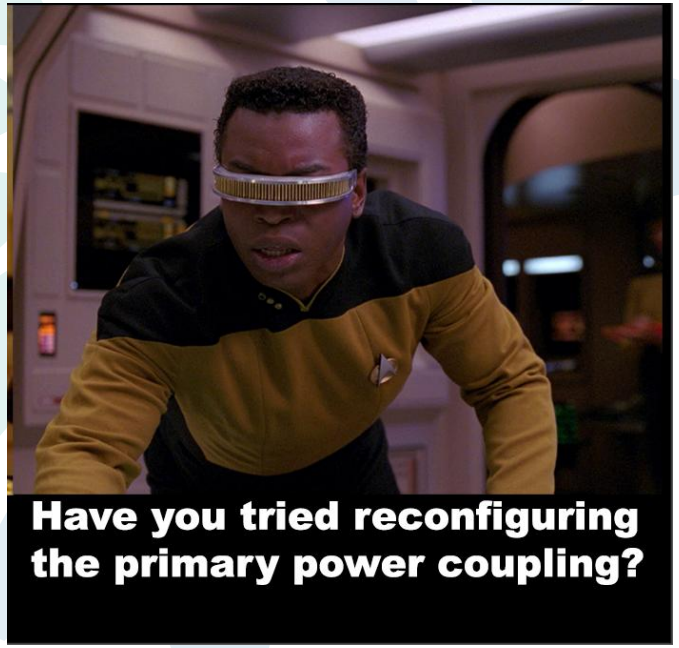
Question: Field A 3.4. on page 44 requires to select either “city” or “town and suburbs” as the “Degree of urbanization of the UEA”. Can we select both?

Answer: Yes. This option is foreseen in the Art.8 Data Model

Please provide your questions through the Helpdesk. We will be happy to answer ☺

Check the updated reporting manual
How_to_use_Reportnet_3_for_reporting_national_restoration_plan_testing_phase_Feb_2026_final.pdf

Try the dummy example in zipfile (2026-02-04_delivery_geospatial.zip, available in “Supporting documents” of Reportnet 3 Help



European Environment Agency

Questions & Answers

Questions posted during webinar

Question: The gpkg is OK, but the matching table HALE import process is much too complicated. Why dont You program the process and prepare plug and play tools to create the gpkg?

Answer:

Thanks for the suggestion. We take note, but it would not be feasible to set up such tool for this dataflow. Maybe, we could exchange bilaterally which part of the import process is challenging. We assumed the GPKG structure we have envisaged is relatively simple and we have not found any major issues during testing.

We could share more details on how to define the GPKG file in QGIS for example, as Ludvig just presented, in an upcoming webinar.

Maybe you can try to use example of dummy data in the ZIP we provided in the ‘support documents’ in the ‘dataflow help’ of RN3, and let us know your feedback.

Questions posted during webinar

Question: How should one proceed if it is not precisely predictable within a polygon where quality improvement will take place and where re-establishment will occur? Is it possible to plan measures for which the geometry is not determined (Art. 4)?
Answer: In the case where it is not possible to be precise, the polygon can be expanded to include the general area for which the improvement/re-establishment will take place. Note the definition of the *area* attribute, to be included in the Geopackage, in this regard. The area can be smaller than the area of the polygon itself. Thus, a larger polygon can be drawn, containing the general location, and the *area* attribute specifies the true area of the quality improvement/re-establishment represented by the polygon. This is the intended use of the *area* attribute for grid cells and NUTS3 as well. See slide 17 above.

Questions posted during webinar

Question: The EU COPERNICUS EEA-10 DEM INSP dataset is about 15 years old. Will You get updated elevation data for 10x10 DEM Hungary?

Answer:

Indeed, the 10-meter Copernicus DEM, published in 2019, is compiled of TanDEM-x data acquired between 2011 and 2015. Thus, data is 11-15 years old depending on location in Europe. We are working together with our Copernicus colleagues to explore if such a recommendation can be done. However, the Copernicus DEM is primarily acquired for the Copernicus Programme and its needs for processing Earth Observation data.

Access to the **10m resolution** instances over Europe **is limited** to a specific subset of users, as outlined in the **ESA-User license for the use of CCM** data and **CCM Data Access Restrictions**.

Questions posted during webinar

Question: Could you please remind us about the deadlines: how long the NRP test dataflow will be available? We would highly appreciate if you could keep it open until the official NRR dataflow will be launched.
Answer: The Member States are invited to continue **testing and providing feedback by 6 March 2026**. After this date, we would need to evaluate your input and prepare the official dataflow. The test dataflow will anyway remain available in Reportnet 3 during the intermediate period to support you with data preparation.

Questions posted during webinar

Question: Just a clarification regarding Annex 7 Geospatial Data Categories: some of the fields that are optional are marked as such, but others that are also optional are not marked, which can be a little confusing
Answer: Indeed, and sorry for the confusion. The table is not meant to give an overview of the conditionality, but an overview of the options of the Geospatial data categories and how we bundle them into RN3 tables. For clear reference, the descriptions were copied from the Uniform Format, and the '*(optional)*' present in some of the text fields should have been removed. Will be updated in the next version of the manual.

Questions posted during webinar

Question: A lot of our measures have a national scale of planning. Is it then ok if all of the NUTS3-areas for the country are specified for table t12_2_Art12Nuts3 for example?
Answer: Yes, it is possible and it is also the expected use of the table. NUTS3 are aggregations, so they should include the total area of the specific measure within.

European
Environment
Agency
Thank you!
nature.restoration.helpdesk@eea.europa.eu