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12<sup>th</sup> October 2021

# 12<sup>th</sup> reporting call under the UWWTD proposed changes



# Introduction

- Thank you for your comments on data dictionary and QC updates
- 12th reporting is the first with reportnet 3 – quicker, simple, prepare the floor for data integration
- The aim of this event is to go through the reporting process and refresh the proposed changes and encourage you to test the new environment in advance so that all issues could be solved before the deadline



# Introduction - Key message

- Use reportnet 3
- Stable data flow, minor changes
- Use WFD protected areas templates for sensitive areas (and less sensitive areas) spatial delineation
- Focus on data completeness and coherence



# 12th data call

- What to report and when
  - Reporting year 2020(?)
  - Article 15: 30.6.2022(?)
  - Article 17: 30.6.2022
- Why
  - Evaluation process
  - Data available (data viewer, prepared country profiles etc.)



# Data upload by reporters

- Guidelines and templates (to be updated):
  - [http://cdr.eionet.europa.eu/help/UWWTD/UWWTD\\_613](http://cdr.eionet.europa.eu/help/UWWTD/UWWTD_613)
  - [http://cdr.eionet.europa.eu/help/UWWTD/UWWTD\\_524](http://cdr.eionet.europa.eu/help/UWWTD/UWWTD_524)
- Prefilled spatial data (ready)
  - [https://forum.eionet.europa.eu/x\\_wise-reporting/library/restricted\\_distribution/](https://forum.eionet.europa.eu/x_wise-reporting/library/restricted_distribution/)
- Reporting
  - <https://reportnet.europa.eu/>



# Spatial data – prefilled templates

- [Using WFD template \(INSPIRE compliant\)](#)
- [https://forum.eionet.europa.eu/x\\_wise-reporting/library/restricted\\_distribution](https://forum.eionet.europa.eu/x_wise-reporting/library/restricted_distribution)

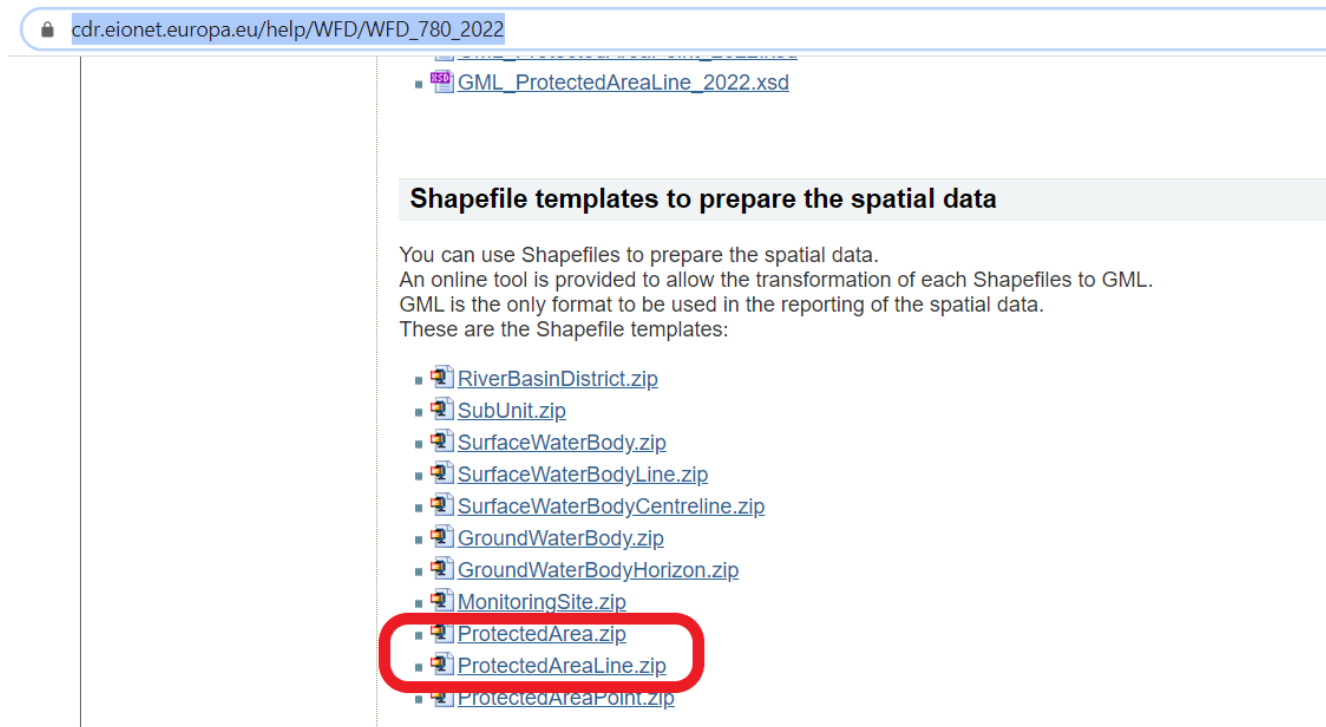


File Name	Author	Date	Size
CZ_2018-10-17T09:15:50_Prefilled_PoM_2018	EEA Discomap	17/10/2018, 09:15	385 KB
CZ_2018-10-17T09:53:40_Prefilled_EQS_2018	EEA Discomap	17/10/2018, 09:53	329 KB
CountryBoundaries	Fernanda Nery	22/10/2015, 10:08	278 KB
EIONET-SpatialData_CZ	EEA Discomap	05/05/2021, 17:17	116 KB
UWWTD_ProtectedArea_CZ	EEA Discomap	24/08/2021, 12:09	52 KB
UWWTD_SensitiveAreas_2016_CZ	Miroslav Fanta	14/11/2017, 13:35	117 KB
WFD-SpatialData_2010_CZ	EEA Discomap	16/12/2020, 13:51	21 MB
WFD-SpatialData_2016_CZ	EEA Discomap	16/12/2020, 13:51	24 MB



# Spatial data – WFD templates

- WFD Protected area template only, following WISE GIS Guidance ([https://cdr.eionet.europa.eu/help/WFD/WFD\\_780\\_2022](https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022))
- Under UWWTD data flow – shapefile



The screenshot shows a web browser window with the URL [cdr.eionet.europa.eu/help/WFD/WFD\\_780\\_2022](https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022). The page content includes a list of files: `GML_ProtectedAreaLine_2022.xsd`. Below this is a section titled "Shapefile templates to prepare the spatial data" with the following text: "You can use Shapefiles to prepare the spatial data. An online tool is provided to allow the transformation of each Shapefiles to GML. GML is the only format to be used in the reporting of the spatial data. These are the Shapefile templates:". A list of shapefile templates follows, with `ProtectedArea.zip` and `ProtectedAreaLine.zip` highlighted by a red circle.

- `GML_ProtectedAreaLine_2022.xsd`

**Shapefile templates to prepare the spatial data**

You can use Shapefiles to prepare the spatial data.  
An online tool is provided to allow the transformation of each Shapefiles to GML.  
GML is the only format to be used in the reporting of the spatial data.  
These are the Shapefile templates:

- `RiverBasinDistrict.zip`
- `SubUnit.zip`
- `SurfaceWaterBody.zip`
- `SurfaceWaterBodyLine.zip`
- `SurfaceWaterBodyCentreline.zip`
- `GroundWaterBody.zip`
- `GroundWaterBodyHorizon.zip`
- `MonitoringSite.zip`
- `ProtectedArea.zip`
- `ProtectedAreaLine.zip`
- `ProtectedAreaPoint.zip`



# Spatial data – attribute structure

- If creating a new file, some fields need to be filled:

Table 15. Valid zoneType and specialisedZoneType values for each WISE spatial data set.

Object type	zoneType value	specialisedZoneType value	Notes
RiverBasinDistrict	riverBasinDistrict	-- not applicable --	
SubUnit	riverBasinDistrict	riverBasinDistrictSubUnit	
ProtectedArea	sensitiveArea	riverSensitiveArea lakeSensitiveArea transitionalSensitiveArea coastalSensitiveArea lessSensitiveArea catchmentOfSensitiveArea	(2)

- Example:

er thematicId	themaldSch	beginLife	e pred	pre	succ	succwEvo	nameTxtInt	nameText	na desigBegin	de: zoneType	spZoneType	Zo
CYSA_CM1	euProtectedAreaCode	2004-02-27					creati CATCHMENT OF POLEMIDIA	CATCHMENT OF POLEMIDIA	m 2004-02-27	sensitiveArea	catchmentOfSensitiveArea	
CYSA-LK1	euProtectedAreaCode	2004-02-27					creati POLEMIDIA DAM	POLEMIDIA DAM	m 2004-02-27	sensitiveArea	lakeSensitiveArea	





# Reporting process

- Login (reportnet 3 login, lead reporters to be assigned according to rep2: <https://rod.eionet.europa.eu/contacts?roleId=extranet-uwwtd-data>)
- Download the templates (spatial/other)
- Data upload under 3 data flows (art. 15, art 17, spatial data)
- Quality check running
- Release



# New elements in data model

**Link to E-PRTR** (goal – combining the data sources – UWWTD focuses on technology and nutrients treatment, EPRTTR collects information on more pollutants)

- **uwwEPRTTRcode** – valid code at least for TPs above 100 000 pE
- EEA will provide a list of codes and names in E-PRTR
- <https://www.eea.europa.eu/data-and-maps/data/industrial-reporting-under-the-industrial-3>

C	Re	namespac	localId	InspireId	FacilityName	A	Longitude
AT	2019	AT.CAED	9008390413739.FACILITY	AT.CAED/9008390413739.FACILITY	Reinholdungsverband Steyr und Umgebung		12
AT	2019	AT.CAED	9008390438176.FACILITY	AT.CAED/9008390438176.FACILITY	Wasserverband Hofsteig	FacilityName: (Zobrazeno vse)	16
AT	2019	AT.CAED	9008390442043.FACILITY	AT.CAED/9008390442043.FACILITY	Wasserverband Wulkatal	5(f)	16,519
AT	2019	AT.CAED	9008390466384.FACILITY	AT.CAED/9008390466384.FACILITY	Abwasserverband Welser Heide	5(f)	14,1
AT	2019	AT.CAED	9008390481776.FACILITY	AT.CAED/9008390481776.FACILITY	Abwasserverband Schwechat	5(f)	16,541
AT	2019	AT.CAED	9008390482780.FACILITY	AT.CAED/9008390482780.FACILITY	Abwasserverband Großraum Bruck an der Leitha - Neusiedl am See	5(f)	16,825
AT	2019	AT.CAED	9008390484586.FACILITY	AT.CAED/9008390484586.FACILITY	Abwasserverband Hall in Tirol - Fritzens	5(f)	11,608



# New elements in data model – Member state level

- **Water reuse** on treatment plant level – an optional parameter (goal: water reuse indicator, provide overview of circular economy potential)
- **mslWWWasteWaterTreated** – total amount of waste water treated in treatment plants (UWWTD)
- **mslReuseAgri/mslReuseInd/mslReuseOther** – currently yes/no - new option: % or amounts of reuse type



# Updates in codelists and explanations

## Codelists

- **dcpTypeOfReceivingArea** (codelist change to LSA, NA, CSA, A523, A54, A58523, A58524)

## QCs

- Checks for presence of **E-PRTR code** for large plants
- **mslWWReusePerc** presence test changed to error
- Upgrade the check whether **Waste water treated** is available for TP above 100 000 pE from warning to error (so far only 55% of large TP provide this information)



# Testing period

- You will get a notification that the environment is ready for testing (few days)
- Testing period till November 9th
- We will be glad to get your feedback to improve the process



## Data viewers and database for download to be updated

### - Maps

- <https://www.eea.europa.eu/themes/water/european-waters/water-use-and-environmental-pressures/uwwtd/interactive-maps/urban-waste-water-treatment-maps-3>

### - Data viewer

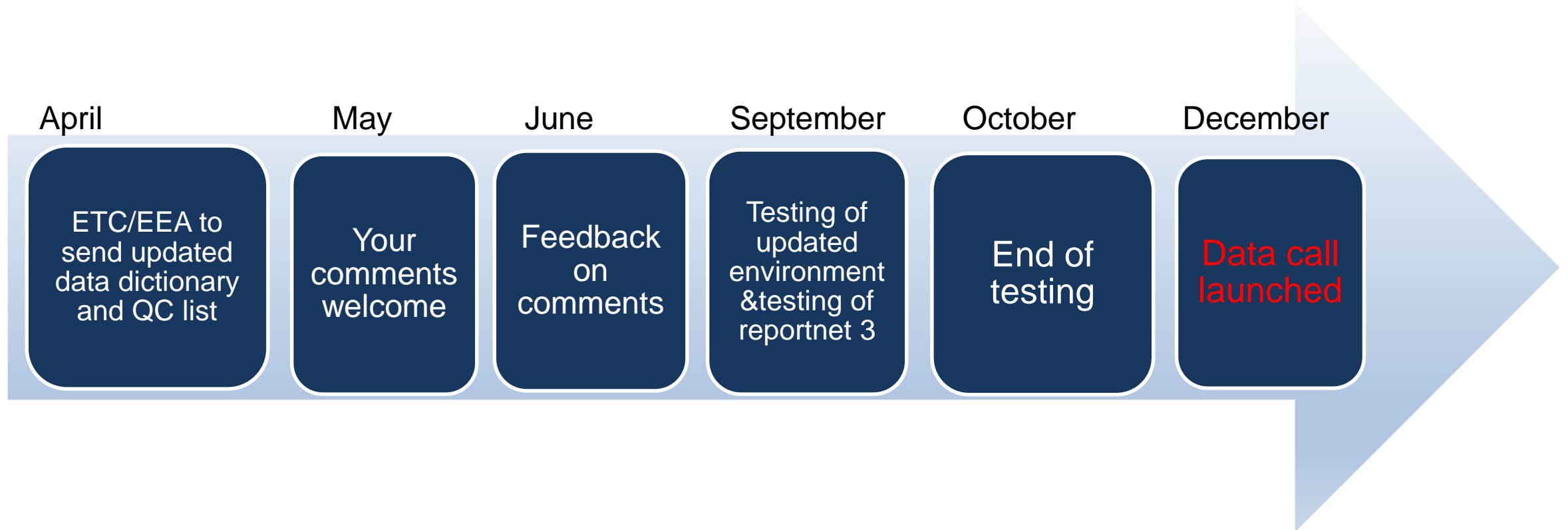
- [https://tableau.discomap.eea.europa.eu/t/Wateronline/views/UWWTP/Menu?:embed=y&:showShareOptions=true&:display\\_count=no&:showVizHome=no](https://tableau.discomap.eea.europa.eu/t/Wateronline/views/UWWTP/Menu?:embed=y&:showShareOptions=true&:display_count=no&:showVizHome=no)
- [https://tableau.discomap.eea.europa.eu/t/Wateronline/views/Agglomerations/Menu?:embed=y&:showShareOptions=true&:display\\_count=no&:showVizHome=no](https://tableau.discomap.eea.europa.eu/t/Wateronline/views/Agglomerations/Menu?:embed=y&:showShareOptions=true&:display_count=no&:showVizHome=no)

### - Waterbase

- <https://www.eea.europa.eu/data-and-maps/data/waterbase-uwwtd-urban-waste-water-treatment-directive-7>



# Timeline



# Thank you for your attention

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