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# UWWTD reporting in CDR

## 11<sup>th</sup> reporting call under the UWWTD



# Introduction - Key message

- 11th UWWTD data call launched 17.12.2019
- Reporting deadline **30th June 2020** for both Article 15 and 17
- Reported period **2018**
- Reporting content: as in the 10th data call (stress on data completeness and consistency)
- Form of the reporting – mostly as in 10th call, just a few issues addressed



# Introduction – reporting purpose

- Compliance checking (dependent on complete and well structured data)
- Environmental issues are centre of interest – data used in increasing number of assessments



# Introduction – outline of talk

- Overview of the reporting process
- Examples of specific issues
- Data products and assessments

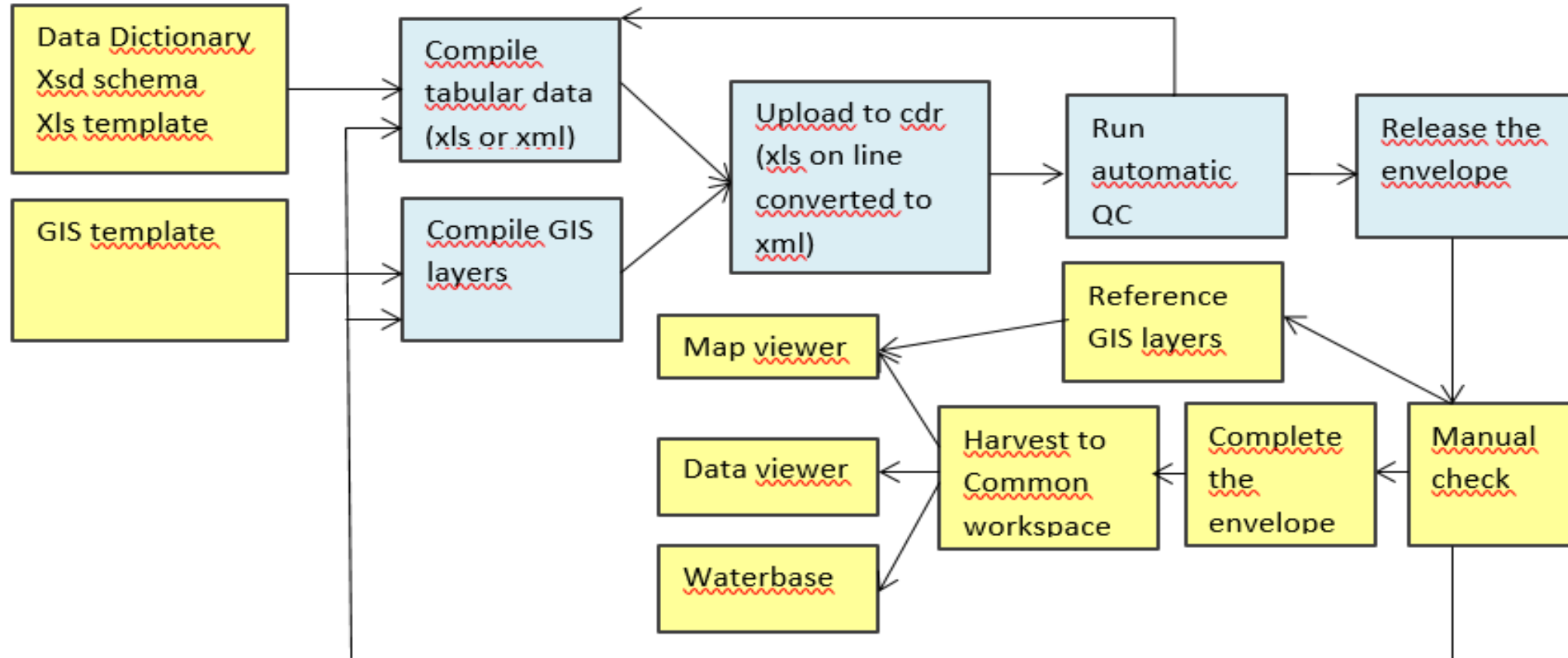


# Main steps of UWWTD reporting

- Guidelines and templates
- Data upload + conversion
- QC tests
- Releasing the envelope – confirmation receipt
- Final feedback – envelope complete



# Main steps of UWWTD reporting



# Where to find templates and background docs

- Article15:
  - <https://rod.eionet.europa.eu/obligations/613>
  - [https://cdr.eionet.europa.eu/help/UWWTD/UWWTD\\_613](https://cdr.eionet.europa.eu/help/UWWTD/UWWTD_613)
- Article 17
  - <https://rod.eionet.europa.eu/obligations/524>
  - [https://cdr.eionet.europa.eu/help/UWWTD/UWWTD\\_524](https://cdr.eionet.europa.eu/help/UWWTD/UWWTD_524)
- **Please use the new templates** (format similar to previous reporting, but the DO\_NOT\_DELETE\_SHEET has changed)



# Where to find templates and background docs

- Pre-filled spatial data

- [https://forum.eionet.europa.eu/x\\_wise-reporting/library/restricted\\_distribution/{cc}/uwwtd\\_protectedarea\\_2016\\_{cc}](https://forum.eionet.europa.eu/x_wise-reporting/library/restricted_distribution/{cc}/uwwtd_protectedarea_2016_{cc})





# Data upload + conversion

## Tabular data:

- Excel (xls) template – automatic conversion (please check you have the correct template)
- XML from your system – please upload in advance
- Run automatic QC and carefully check the results



# Data upload + spatial data

- Spatial data:
  - Please upload spatial and tabular data to the same envelope (!NEW: only envelopes with spatial **data can be completed!**)
  - In case of using article 8, please upload spatial data as well (old dataset can be used)
  - Use *either* WFD protected area template *or* previously-used template: identifiers must be consistent with tabular data
  - Naming convention and templates
    - UWWTD\_ProtectedArea\_2018\_{CC} (WFD protected area template)
    - CC\_SA\_catchment/CC\_SA\_river/CC\_SA\_lake etc. (old UWWTD template)



# Spatial data

Sensitive Area – River	River designated as sensitive area	Line
Sensitive Area – Lake	Sensitive Area – Lake designated as sensitive area	Polygon
Sensitive Area – Coastline	Coastline designated as sensitive area	Line
Sensitive Area – Coast Area	Coast Area designated as sensitive area	Polygon
Sensitive Area – Transitional Water	Transitional Water designated as sensitive area	Polygon
Sensitive Area – Catchment	Catchment designated as sensitive area	Polygon
Less Sensitive Area – Transitional Water	Transitional Water designated as less sensitive area	Polygon
Less Sensitive Area – Coastline	Coastline designated as less sensitive area	Line
Less Sensitive Area – Coast area	Coastline designated as less sensitive area	Polygon



# Releasing the envelope

Once the automatic QC returns no blockers, it is possible to release the envelope.

You will get a notification called confirmation of receipt, but more manual and semi-manual checks will be carried out:

- Completeness of the envelope (spatial and tabular data must be in same envelope, all relevant tables available)
- Consistency with XML (all spatial objects in XML and vice versa)
- (Historical check of spatial data)
- Errors considered
- Crosscheck between art.15 and art.17 data (all objects in art17 present in art 15 data)



# Changes since 10th data call

## Data dictionary:

- aggArtDate4 not mandatory for agglomerations below 10 000 pe discharging into sea
- Codelists updated
- Few more tests for data completeness
- Rules for spatial data identifier added – alignment with WISE (blocker)



# Changes since 10th data call

## Sensitive area identifier

### - Structure

- Start with the ISO 3166-1 alpha-2 country code, **except for Greece ('EL') and the United Kingdom ('UK');**
- Be followed by the national code, with a maximum of **40 characters (minimum 1);**
- Use only **upper case letters** [A to Z] and **digits** [0 to 9].

The **underscore** character ('\_') or the **hyphen** character ('-') may be used as separators within the code (but not to separate the country code from the national code, and not in the end of the code).

This means that the comma character (',') and the period character ('.') can no longer be used.



# Changes since 10th data call

Sensitive area identifier:

- Examples

- CZ                      =>      CZ1
- PLabc                  =>      PLABC
- DENEW CODE        =>      DENEWCODE
- FR\_123                =>      FR123



# Examples of special cases I

- Treatment plants not connected to any collecting system (trucks)
  - $\text{aggC1}=0$ ,  $\text{uwwtpAgglos.aucPercEnteringUWWTP}=0$ ,  $\text{aucPercC2}>0$ ,  
 $\text{uwwCollectingSystem}=\text{NOTCON}$
  - Results – error in envelope tests (TP without collecting system) can be accepted
- **aggDate5** – agglomerations in currently designated sensitive areas
  - Deadline for the implementation of requirements of article 5 (end of transitional period or 7 years after designation of the sensitive area in which considered discharge point is situated)





# Examples of special cases II

- Sensitive area in country A, its catchment partly in country B
  - Country A reports the SA and its part of the catchment
  - Country B reports its part of the catchment only
- agglomeration in country A connected to a treatment plant in country B
  - Country A reports the agglomeration and the link to TP in `uwwtp_agglo` table
  - Country B reports the treatment plant (and possibly other agglomerations connected to the TP)



# Examples of special cases III

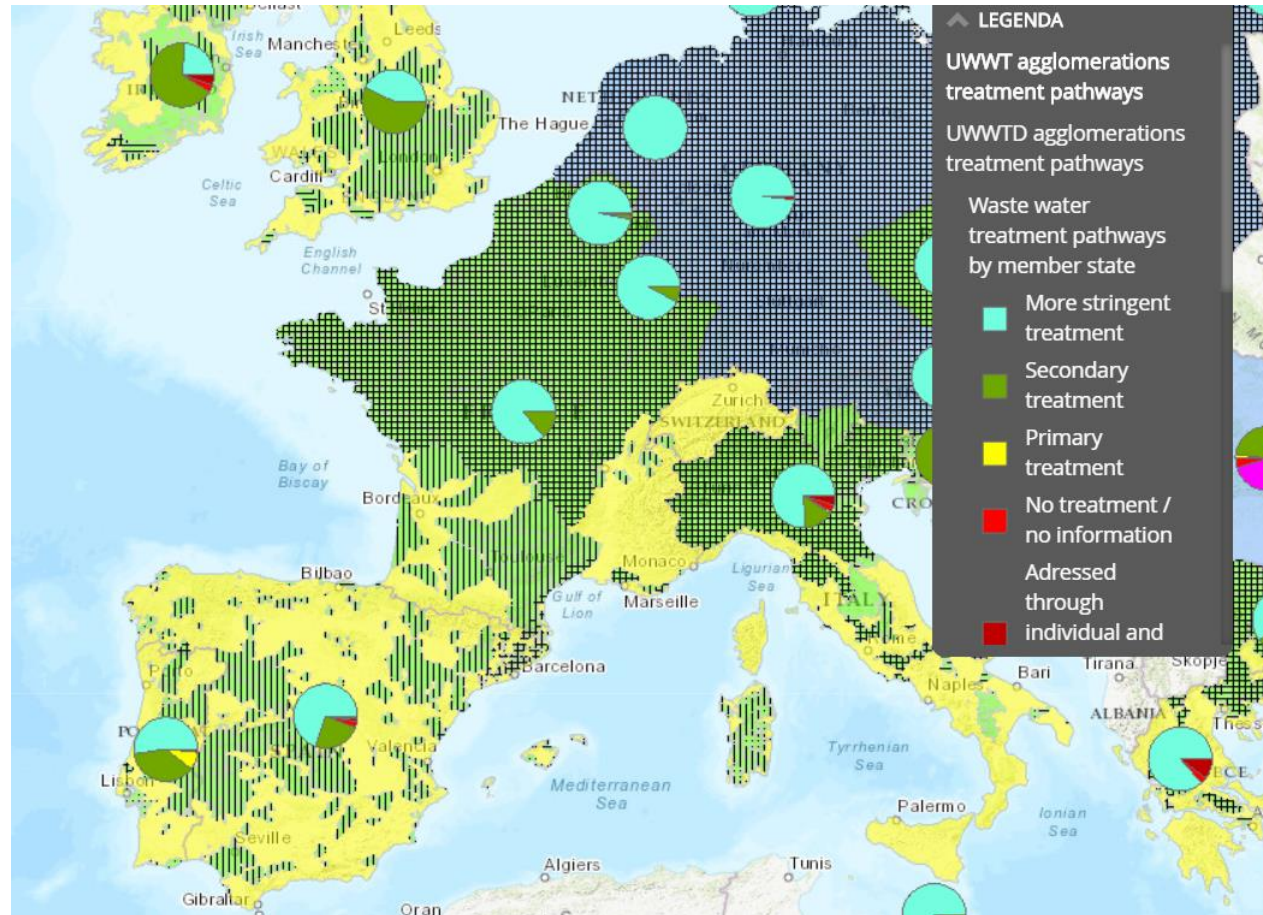
- Type of sensitive area in SAMain table and discharge point table
  - dcpTypeOfReceivingArea (A54, A58, SA, LSA, CSA, ->rcaCode in SAMain, NA->rcaCode not in SAMain)
- Change of delineation of agglomeration between reporting periods
  - Refer to reported year (2018)
- Agglomeration before end of transitional period (HR)
  - Only mandatory elements needed (code, generated load, coordinates)



# Data available

## - Maps

- <https://www.eea.europa.eu/themes/water/european-waters/water-use-and-environmental-pressures/uwwtd/interactive-maps/urban-waste-water-treatment-maps-2>



# Data available

## - 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)

Menu UWWTP Capacity Distribution Plants in Numbers UWWTPs & Collecting systems

### Urban waste water treatment plant

Key figures of IS001-01, Fraveita - Veitur, Ananaust

Uww ID 2 Member State Uww Name Capacity

Applied Treatment : Primary Treatment,  
Collecting system is connected to UWWTP

Entering Load (p.e)	196 060
Volume of waste water treated (m3/d)	
% BOD removal	
% COD removal	
% N removal	
% P removal	
Discharged BOD [kg/d]	
Discharged N [kg/d]	
Discharged P [kg/d]	
Receiving BOD [kg/d]	

Compliance of the UWWTP

Monitoring results BOD5 Monitoring results COD Monitoring results PTot Monitoring results NTot Monitoring results TSS

Discharge point

Discharge Point Code	Discharge Point Name	Receiving area parameter
IS001-01-01	Utras fyrir Ananaustst..	N/A

Receiving Area: Faxaflói (Capital aerea), Type of Receiving Area: Less sensitive area  
Waterbody id: IS104-1379-C, RBD id: IS1

Agglomerations served by the UWWTP

	Capital area
	IS001
Rate not addressed to IAS and not collected (%)	0
Rate of load addressed to IAS (%)	0
Rate of load collected (%)	100
Rate of load collected and entering this treatment plan..	46

← Undo → Redo ↶ Revert ↻ Refresh ⏸ Pause

Share Download Tablet Layout Full Screen



# Data available

## - Access database

- <https://www.eea.europa.eu/data-and-maps/data/waterbase-uwwd-urban-waste-water-treatment-directive-6>

The screenshot shows the Microsoft Access application window. The ribbon at the top includes tabs for 'Soubor', 'Domů', 'Vytvoření', 'Externí data', 'Databázové nástroje', 'Pole', 'Tabulka', and 'Řekněte mi, co chcete udělat...'. The 'Domů' tab is active, showing options like 'Zobrazení', 'Vložit', 'Vymazat', 'Kopírovat', 'Kopírovat formát', 'Filtr', 'Vzestupně', 'Sestupně', 'Odebrat řazení', 'Výběr', 'Upřesnit', 'Přepnout filtr', 'Aktualizovat vše', 'Nové', 'Uložit', 'Odstranit', 'Souhrny', 'Pravopis', 'Další', 'Najít', 'Nahrát', 'Přejít na', 'Vybrat', 'Zobrazit celý formulář', 'Přepnout okna', and 'Formátování textu'. The left pane shows a list of objects, with 'T\_UWWTPS' selected. The main window displays the 'T\_UWWTPS' table with the following columns: aggAgglomer, aggCode, aggName, aggBeginLife, aggCalculatic, aggChanges, aggChangesC, aggEndLife, aggGenerate, aggLatitude, and aggLongitu. The table contains 25 rows of data, with the first row highlighted in blue. The status bar at the bottom shows 'Zobrazení Datový list' and 'Num Lock'.

aggAgglomer	aggCode	aggName	aggBeginLife	aggCalculatic	aggChanges	aggChangesC	aggEndLife	aggGenerate	aggLatitude	aggLongitu
2413311	EL2420	1455961	1 IE	IEAG_D0015	IETP_D0015	Tramore Waste	ISCON			
2413312	EL1220	1455961	1 IE	IEAG_D0016	IETP_D0016	Ballina Waste V	ISCON			
2413313	EL2550	1455962	1 IE	IEAG_D0017	IETP_D0017	Dungarvan Was	ISCON			
2413314	ATAG	1455963	1 IE	IEAG_D0018	IETP_D0018	Kilkenny City W	ISCON			
2413315	ATAG	1455964	1 IE	IEAG_D0019	IETP_D0019	Castletroy Was	ISCON			
2413316	EL2410	1455965	1 IE	IEAG_D0020	IETP_D0020	Cavan Waste W	ISCON			
2413317	ATAG	1455966	1 IE	IEAG_D0021	IETP_D0021	Malahide Wast	ISCON			
2413318	ATAG	1455967	1 IE	IEAG_D0022	IETP_D0022	Waterford City	ISCON			
2413319	EL1220	1455968	1 IE	IEAG_D0023	IETP_D0023	Balbriggan Was	ISCON			
2413320	ATAG	1455969	1 IE	IEAG_D0024	IETP_D0024	Swords Wastew	ISCON			
2413321	ATAG	1456561	1 HU	HU-WWTP-ANC	Balotaszallas Sz	ISCON				
2413322	ATAG	1456562	1 NL	NL09025	UWWTP TIEL	ISCON				
2413323	ATAG	1456563	1 HU	HU-WWTP-AIA	Bana - Szennyvi	ISCON				
2413324	ATAG	1456564	1 NL	NL09026	UWWTP DODE	ISCON				
2413325	ATAG	1456565	1 HU	HU-WWTP-AIB	Bank - Szennyvi	ISCON				
2413326	EL1420	1456566	1 NL	NL09027	UWWTP DRUTE	ISCON				
2413327	ATAG	1456567	0 HU	HU-WWTP-AIA	Banokszentgyoi	ISCON				



- Thank for your attention

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