

# Reportnet2 CDR Guidance

Guidance on the reporting  
of the 3<sup>rd</sup> River Basin Management Plans descriptive data  
to Reportnet2 Central Data Repository

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## Imprint

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## Accessing the central data repository

- Use <https://cdr.eionet.europa.eu/> to make the official data delivery.
  - You will need valid EIONET credentials.
  - You will need to be an authorised national data reporter for the reporting obligation.
- Use <https://cdrsandbox.eionet.europa.eu/> if you want to perform tests.
  - You may login with the credentials **datareporter/datareporter**.
  - Remember that CDRSandbox is an open access platform: to not upload confidential data.
- The delivery process is identical in both platforms.

## Creating new envelopes

- Login to CDR.
- Select your country's collection.

The screenshot shows the Eionet CDR homepage. On the left, there are navigation menus for 'Services' (Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, Help) and 'Account Services' (lost my password, Note). The main content area features a heading 'The Central Data Repository is part of the Reportnet architecture...' followed by a list of countries and territories. The list is organized into three main sections: 'EEA Member countries', 'Other countries and territories', and 'International organisations'. Each country/territory is accompanied by a small globe icon and a link. The 'EEA Member countries' section includes: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, and Switzerland, Turkey.

- Select the collection “European Union (EU) obligations”
- Select the collection “Water Framework Directive: River Basin Management Plans – 2022 Reporting”

The screenshot shows the 'European Union (EU) obligations' page. The left sidebar is identical to the previous screenshot. The main content area has a heading 'European Union (EU) obligations' and a sub-heading 'Envelopes and subcollections'. Below this, there is a table listing various environmental directives and reporting obligations with their respective dates. The last entry, 'Water Framework Directive: River Basin Management Plans - 2022 Reporting', is highlighted with a green box.

Envelope/Collection	Date
Bathing Water Directive 2006/7/EC	18 Oct 2019
Birds Directive: Report on Implementation Measures	10 Oct 2018
Drinking Water Directive Report (98/83/EC)	28 Sep 2018
Emissions Trading Directive (2003/87/EC Art. 21)	06 May 2019
Environmental Quality Standards Directive - Preliminary programmes of measures and supplementary monitoring	03 May 2018
Floods Directive Reporting 2019-2022	08 Mar 2019
Habitats Directive: Report on Implementation Measures	10 Oct 2018
Marine Strategy Framework Directive: Article 17 (updates)	24 Jul 2018
Mercury Regulation	20 Jun 2019
National Emission Ceilings Directive (NECD 2016/2284/EU)	26 Feb 2019
Natura 2000 network (Birds Directive and Habitats Directive)	29 Aug 2019
Water Framework Directive: Programmes of Measures - 2018 reporting	13 Nov 2017
Water Framework Directive: River Basin Management Plans - 2016 Reporting	04 Dec 2015
<b>Water Framework Directive: River Basin Management Plans - 2022 Reporting</b>	13 Nov 2018

- There are separate collections for each reporting obligation:
  - the background PDF documents for the 3<sup>rd</sup> River Basin Management Plans;
  - the national River Basin Districts, Sub-units and Competent Authorities (RBDSUCA)
  - or the descriptive data for each River Basin District (RBDXML) comprising the information for the surface water bodies (SWB), groundwater bodies (GWB), surface water methodologies (SWMET), groundwater methodologies (GWMET), monitoring programmes (Monitoring) and Programmes of Measures (PoM).





Overview

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**Water Framework Directive - River Basin Management Plans - 2022 Reporting**

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

**Envelopes and subcollections**

	1. Background documents	10 Dec 2020
	2. National spatial data	10 Dec 2020
	3. National RBDSUCA data	10 Dec 2020
	4. River Basin Districts	10 Dec 2020

## Background documents

- The documents for the 3<sup>rd</sup> River Basin Management Plans must be uploaded under “1 – Background documents”, in the appropriate national or river basin district collection.

Overview Task list

### Water Framework Directive - River Basin Management Plans - 2022 Reporting

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

#### Envelopes and subcollections

1. Background documents	10 Dec 2020
2. National spatial data	10 Dec 2020
3. National RBDSUCA data	10 Dec 2020
4. River Basin Districts	10 Dec 2020

- Create a new envelope by clicking ‘New envelope’.

Overview Task list Edit properties List of reporters

### AT - National level

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

New referral

New envelope

#### Envelopes and subcollections

Cut Copy Delete

- Select the newly created envelope. Then click the ‘Activate task’ button to start adding data.
- Upload the required documents to each envelope using ‘Add file’ or ‘Upload zipfile’.
- When all files are uploaded, press ‘Release the envelope’.

Overview Draft delivery Edit properties History

### Draft delivery

1) Your first step is to **upload** one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) When you have finished your uploads, you can **release the envelope** (without the ability to revoke). You can always upload additional files at a later date in a new envelope.

Add file

Upload zipfile

Release the envelope

Deactivate task

Files in this envelope

<input type="checkbox"/>	Information.txt	22 Jul 2021	1.60 KB
<input type="checkbox"/>	Information2.xlsx	22 Jul 2021	42.8 KB
<input type="checkbox"/>	Others.zip	22 Jul 2021	40.0 KB
<input type="checkbox"/>	RBMP.pdf	22 Jul 2021	3.94 MB

Rename Cut Copy Delete

Feedback for this envelope

No feedback posted in this envelope

- Remember that official deliveries must be done in CDR (not in CDRsandbox).

## River Basin Districts, Sub-units and Competent Authorities data

- The data about River Basin Districts, Sub-units and Competent Authorities (RBDSUCA) is reported at national level in the “3 - National RBDSUCA data” collection.

Overview

### Water Framework Directive - River Basin Management Plans - 2022 Reporting

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

#### Envelopes and subcollections

1. Background documents	10 Dec 2020
2. National spatial data	10 Dec 2020
3. National RBDSUCA data	10 Dec 2020
4. River Basin Districts	10 Dec 2020

- Create a new envelope by clicking ‘New envelope’.

Overview Task list Edit properties List of reporters

### AT - National level

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

New referral

New envelope

#### Envelopes and subcollections

Cut Copy Delete

- Select the newly created envelope. Then click the ‘Activate task’ button to start adding data.

Overview Edit properties History

### Test

Zip envelope

Activate task

Description

Obligations [Water Framework Directive - River Basin Management Plans - 2022 RBDSUCA XML data](#)

Period 2021 - Not applicable

Coverage Austria

Status Task(s) waiting to be assigned: **Activate task: Draft** (You have to activate this task first before you can upload your files.)

Note

If you want to stay updated about events in this envelope [Subscribe to receive notifications](#) for this country and the current dataflow(s).

Files in this envelope

Remember to release the envelope when you have uploaded all files

Feedback for this envelope

No feedback posted in this envelope

- This obligation requires the delivery of the RBSUCA.XML file. The data can be provided:
  - By preparing an RBDSUCA.XML file compliant with the RBDSUCA.XSD schema available in the [help](#) page.
  - By filling the Access template available in the [help](#) page. (For more information about how to fill and convert the Access template, see the section on [Converting access to XML](#)). Be aware that the Access template for RBDSUCA is different than the one for the files that are reported in the different River Basin Districts.
- Upload the XML file to the envelope.
- Run automatic QA/QC (see the section on [Executing the quality control checks](#)).
- Once the quality control issues are corrected, the envelope can be released (see the sections on [Reviewing the results of the data quality checks](#) and [Correcting critical issues](#)).
- Remember that official deliveries must be done in CDR (not in CDRSandbox).

## River Basin District (RBDXML)

- The descriptive data for each River Basin District (RBDXML) must be uploaded under “4 – River Basin Districts”, in the appropriate river basin district collection.

Overview Task list Edit properties List of reporters

### Water Framework Directive - River Basin Management Plans - 2022 Reporting

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 Reporting](#)

#### Envelopes and subcollections

<input type="checkbox"/>	<a href="#">1. Background documents</a>	10 Dec 2020
<input type="checkbox"/>	<a href="#">2. National spatial data</a>	16 Jul 2021
<input type="checkbox"/>	<a href="#">3. National RBDSUCA data</a>	10 Dec 2020
<input type="checkbox"/>	<a href="#">4. River Basin Districts</a>	10 Dec 2020

Cut Copy Delete

- Go to the appropriate RBD collection.
- Create a new envelope by clicking ‘New envelope’.

Overview Task list Edit properties List of reporters

### AT1000 - DANUBE

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2022 RBD XML data](#)

#### Envelopes and subcollections

New referral

New envelope

- Select the newly created envelope. Then click the ‘**Activate task**’ button to start adding data.
- This obligation requires the delivery of XML files with the information required for GWB, SWB, GWMET, SWMET, Monitoring, RBMPPoM. The data can be provided:
  - By preparing an XML file compliant with the XSD schemas available in the [help](#) page.
  - By filling the Access template available in the [help](#) page. (For more information about how to fill and convert the Access template, see the section on [Converting access to XML](#)).
- Upload the XML files to the envelope. Be aware that the files need to follow the following **naming convention**: [DataSetType]\_[CountryCode]\_[Date], being
  - DataSetType: identification of the content of the data set (GWB, GWMET, Monitoring, RBMPPoM, SWB or SWMET).
  - Date: Submission date in the format YYYYMMDD
- Run automatic QA/QC (see the section on [Executing the quality control checks](#)).



- Once the quality control issues are corrected, the envelope can be released (see the sections on [Reviewing the results of the data quality checks](#) and [Correcting critical issues](#)).

**Overview** **Draft delivery** **Edit properties** **History** **Data quality**

**Draft delivery**

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

<input type="checkbox"/>		<a href="#">GWB_AT_AT1000_20210728.xml</a>	<i>GWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	455 B
<input type="checkbox"/>		<a href="#">GWMET__20210728.xml</a>	<i>GWMET__20210728.xml</i>	28 Jul 2021	56 B
<input type="checkbox"/>		<a href="#">Monitoring__20210728.xml</a>	<i>Monitoring__20210728.xml</i>	28 Jul 2021	127 B
<input type="checkbox"/>		<a href="#">RBMMPPoM_AT_AT1000_20210728.xml</a>	<i>RBMMPPoM_AT_AT1000_20210728.xml</i>	28 Jul 2021	467 B
<input type="checkbox"/>		<a href="#">SWB_AT_AT1000_20210728.xml</a>	<i>SWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	454 B
<input type="checkbox"/>		<a href="#">SWMET_AT_AT1000_20210728.xml</a>	<i>SWMET_AT_AT1000_20210728.xml</i>	28 Jul 2021	461 B
<input type="checkbox"/>		<a href="#">WFD2022_V1.1_AT_AT1000.accdb.zip</a>		28 Jul 2021	5.48 MB

Rename Cut Copy Delete

Feedback for this envelope

[FMEConversion results](#) (Posted automatically on 28 Jul 2021)

- Remember that official deliveries must be done in CDR (not in CDRSandbox).

## Downloading the prefilled files

- For each country, prefilled Access files have been prepared with the data from the last reporting exercises (2016, 2018). You will need to update and correct the data where necessary.
- To use the pre-filled data for the country, press the **'Add prefilled file(s)'** button and wait until the data is loaded into the envelope.
- The prefilled files are not available in CDRSandbox, because the platform is open to any user.

**Overview** **Draft delivery** **Edit properties** **History**

**Draft delivery**

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must run the automatic quality assessment on the data - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

No files uploaded

Feedback for this envelope

No feedback posted in this envelope

- After the prefilled Access file has been added to the envelope, you can download and edit it to prepare your final delivery.
- The prefill Access files do not contain RBDSUCA data.
- The pre-filled files are only partial.**

## Converting access to XML

- To prepare the XML files from the Access file, it is necessary to fill the database tables required for each XML schema.
- The following table contains the list of each **XML schema element** and the corresponding table in the Access template or in the Access prefilled file.
- When preparing the RBDXML data:
  - Fill the the tables related to RBDXML schemas.
  - Remove the tables related to the RBDSUCA schema.
- When preparing the RBDSUCA data:
  - Fill the the tables related to RBDSUCA schema.
  - Remove the tables related to the RBDXML schemas.
- Do not modify the WFDCOMMON table: it contains a list of the possible values for each table column.

Schema element	Access table name
<b>RBDXML data</b>	
GWB	GWB
GWB/GroundWaterBody	GroundWaterBody
GWB/GroundWaterBody/gwChemicalReasonsForFailure	GroundWaterBody_gwChemicalReasonsForFailure
GWB/GroundWaterBody/gwQuantitativeExemptionPressure	GroundWaterBody_gwQuantitativeExemptionPressure
GWB/GroundWaterBody/gwQuantitativeExemptionType	GroundWaterBody_gwQuantitativeExemptionType
GWB/GroundWaterBody/gwQuantitativeReasonsForFailure	GroundWaterBody_gwQuantitativeReasonsForFailure
GWB/GroundWaterBody/gwReasonsForRiskQuantitative	GroundWaterBody_gwReasonsForRiskQuantitative
GWB/GroundWaterBody/gwSignificantImpactType	GroundWaterBody_gwSignificantImpactType
GWB/GroundWaterBody/gwSignificantPressureType	GroundWaterBody_gwSignificantPressureType
GWB/GroundWaterBody/linkSurfaceWaterBodyCode	GroundWaterBody_linkSurfaceWaterBodyCode
GWB/GroundWaterBody/GWPollutant	GWPollutant
GWB/GroundWaterBody/GWPollutant/GWChemicalExemptionType	GWChemicalExemptionType
GWB/GWAssociatedProtectedArea	GWAssociatedProtectedArea
GWB/GWAssociatedProtectedArea/protectedAreaExemption	GWAssociatedProtectedArea_protectedAreaExemption
GWMET	GWMET
GWMET/GWExemptions	GWExemptions
GWMET/GWExemptions/driversGWExemptionsReference	GWExemptions_driversGWExemptionsReference
GWMET/GWExemptions/gwDisproportionateCostAlternativeFinancing	GWExemptions_gwDisproportionateCostAlternativeFinancing
GWMET/GWExemptions/gwDisproportionateCostAnalysis	GWExemptions_gwDisproportionateCostAnalysis
GWMET/GWExemptions/gwDisproportionateCostScale	GWExemptions_gwDisproportionateCostScale
GWMET/GWExemptions/gwExemption44Driver	GWExemptions_gwExemption44Driver
GWMET/GWExemptions/gwExemption44Impact	GWExemptions_gwExemption44Impact
GWMET/GWExemptions/gwExemption45Driver	GWExemptions_gwExemption45Driver
GWMET/GWExemptions/gwExemption45Impact	GWExemptions_gwExemption45Impact
GWMET/GWExemptions/gwExemption46	GWExemptions_gwExemption46
GWMET/GWExemptions/gwExemption47	GWExemptions_gwExemption47
GWMET/GWExemptions/gwExemptionsReference	GWExemptions_gwExemptionsReference
GWMET/GWExemptions/gwNaturalConditions	GWExemptions_gwNaturalConditions
GWMET/GWExemptions/gwTechnicalInfeasibility	GWExemptions_gwTechnicalInfeasibility
GWMET/GWMethodologies	GWMMethodologies
GWMET/GWMethodologies/gwCharacterisationReference	GWMMethodologies_gwCharacterisationReference
GWMET/GWMethodologies/gwMethodologiesChemicalClassificationReference	GWMMethodologies_gwMethodologiesChemicalClassificationReference
GWMET/GWMethodologies/gwMethodologiesTransboundaryReference	GWMMethodologies_gwMethodologiesTransboundaryReference
GWMET/GWMethodologies/gwMethodologiesChemicalClassificationReference	GWMMethodologies_gwMethQuantitativeClassificationReference
GWMET/GWPpressures	GWPpressures
GWMET/GWPpressures/gwPressuresNotAssessed	GWPpressures_gwPressuresNotAssessed
GWMET/GWPpressures/gwPressuresReference	GWPpressures_gwPressuresReference
GWMET/ThresholdValue	ThresholdValue
Monitoring	Monitoring
Monitoring/MonitoringSite	MonitoringSite
Monitoring/MonitoringSite/ChemicalEcologicalQuantitativeMonitoring	ChemicalEcologicalQuantitativeMonitoring
Monitoring/MonitoringSite/euProgrammeCode	MonitoringSite_euProgrammeCode
Monitoring/Programme	Programme
Monitoring/Programme/programmeReference	Programme_programmeReference
RBMPPoM	RBMPPoM
RBMPPoM/CoOrd	CoOrd
RBMPPoM/CoOrd/iRBMPReference	CoOrd_iRBMPReference
RBMPPoM/Costs	Costs
RBMPPoM/Costs/costExplanation20152021Reference	Costs_costExplanation20152021Reference
RBMPPoM/Costs/costExplanation20212027Reference	Costs_costExplanation20212027Reference
RBMPPoM/EconomicAnalysis	EconomicAnalysis
RBMPPoM/EconomicAnalysis/article94Reference	EconomicAnalysis_article94Reference
RBMPPoM/EconomicAnalysis/costEffectivenessReference	EconomicAnalysis_costEffectivenessReference
RBMPPoM/EconomicAnalysis/costRecoveryReference	EconomicAnalysis_costRecoveryReference
RBMPPoM/EconomicAnalysis/economicAnalysisReference	EconomicAnalysis_economicAnalysisReference
RBMPPoM/SignificantPressureSubstanceFailing/PoM/IndicatorGap	IndicatorGap
RBMPPoM/InputInventory	InputInventory
RBMPPoM/InputInventory/inputInventoryReference	InputInventory_inputInventoryReference
RBMPPoM/InputInventory/InputPollutant/inputMethodReference	InputPollutant_inputMethodReference
RBMPPoM/InputInventory/InputPollutant	InputPollutant
RBMPPoM/InputInventory/InputPollutant/InputTotal	InputTotal
RBMPPoM/InputInventory/InputPollutant/InputTotal/InputCategory	InputCategory
RBMPPoM/InputInventory/InputPollutant/InputTrend	InputTrend
RBMPPoM/KTM	KTM
RBMPPoM/KTM/Measure	Measure
RBMPPoM/KTM/Measure/basicMeasureType	Measure_basicMeasureType
RBMPPoM/KTM/Measure/measureReference	Measure_measureReference
RBMPPoM/PoM	PoM
RBMPPoM/PoM/SignificantPressureSubstanceFailing	SignificantPressureSubstanceFailing
RBMPPoM/PoM/SignificantPressureSubstanceFailing/KeyTypeMeasureIndicator	KeyTypeMeasureIndicator
RBMPPoM/Progress	Progress
RBMPPoM/Progress/measuresFromPreviousProgrammeReference	Progress_measuresFromPreviousProgrammeReference
RBMPPoM/RBMP	RBMP

RBMPPoM/RBMP/consultationResponsesReference	RBMP_consultationResponsesReference
RBMPPoM/RBMP/documentProvision	RBMP_documentProvision
RBMPPoM/RBMP/fdCoordinationReference	RBMP_fdCoordinationReference
RBMPPoM/RBMP/impactPublicParticipation	RBMP_impactPublicParticipation
RBMPPoM/RBMP/msfdCoordinationReference	RBMP_msfdCoordinationReference
RBMPPoM/RBMP/ongoingStakeholderInvolvement	RBMP_ongoingStakeholderInvolvement
RBMPPoM/RBMP/publicConsultationInformation	RBMP_publicConsultationInformation
RBMPPoM/RBMP/publicParticipationReference	RBMP_publicParticipationReference
RBMPPoM/RBMP/rbmpConsultation	RBMP_rbmpConsultation
RBMPPoM/RBMP/seaReference	RBMP_seaReference
RBMPPoM/RBMP/stakeholderGroups	RBMP_stakeholderGroups
RBMPPoM/RBMP/subPlansCoverage	RBMP_subPlansCoverage
RBMPPoM/RBMP/subPlansReference	RBMP_subPlansReference
RBMPPoM/Service	Service
RBMPPoM/Service/serviceCostInstrumentReference	Service_serviceCostInstrumentReference
RBMPPoM/Service/serviceWaterUseOther	Service_serviceWaterUseOther
RBMPPoM/TargetedQ	TargetedQ
RBMPPoM/TargetedQ/basicMeasuresArt113b-IReference	TargetedQ_basicMeasuresArt113b-IReference
RBMPPoM/TargetedQ/basicMeasuresArt113hIssues	TargetedQ_basicMeasuresArt113hIssues
RBMPPoM/TargetedQ/climateChangeAspectsConsidered	TargetedQ_climateChangeAspectsConsidered
RBMPPoM/TargetedQ/msfdMeasuresNeeded	TargetedQ_msfdMeasuresNeeded
RBMPPoM/TargetedQ/otherAspectsReference	TargetedQ_otherAspectsReference
RBMPPoM/WaterQuantity	WaterQuantity
RBMPPoM/WaterQuantity/wqAlternativeIndicatorReference	WaterQuantity_wqAlternativeIndicatorReference
RBMPPoM/WaterQuantity/wqCalculationMethodReference	WaterQuantity_wqCalculationMethodReference
RBMPPoM/WaterQuantity/WQUse	WQUse
SWB	SWB
SWB/FailingRBSP	FailingRBSP
SWB/SurfaceWaterBody	SurfaceWaterBody
SWB/SurfaceWaterBody/hmwbPhysicalAlteration	SurfaceWaterBody_hmwbPhysicalAlteration
SWB/SurfaceWaterBody/hmwbWaterUse	SurfaceWaterBody_hmwbWaterUse
SWB/SurfaceWaterBody/QualityElement	QualityElement
SWB/SurfaceWaterBody/QualityElement/qeEcologicalExemptionType	QualityElement_qeEcologicalExemptionType
SWB/SurfaceWaterBody/QualityElement/qeGrouping	QualityElement_qeGrouping
SWB/SurfaceWaterBody/surfaceWaterBodyIntercalibrationType	SurfaceWaterBody_surfaceWaterBodyIntercalibrationType
SWB/SurfaceWaterBody/swChemicalStatusGrouping	SurfaceWaterBody_swChemicalStatusGrouping
SWB/SurfaceWaterBody/swSignificantImpactType	SurfaceWaterBody_swSignificantImpactType
SWB/SurfaceWaterBody/swSignificantPressureType	SurfaceWaterBody_swSignificantPressureType
SWB/SurfaceWaterBody/SWAssociatedProtectedArea	SWAssociatedProtectedArea
SWB/SurfaceWaterBody/SWAssociatedProtectedArea/protectedAreaExemption	SWAssociatedProtectedArea_protectedAreaExemption
SWB/SurfaceWaterBody/SWEcologicalExemptionType	SWEcologicalExemptionType
SWB/SurfaceWaterBody/SWPrioritySubstance	SWB_SWPrioritySubstance
SWB/SurfaceWaterBody/SWPrioritySubstance/SWChemicalExemptionType	SWChemicalExemptionType
SWB/SurfaceWaterBody/SWPrioritySubstance/swPrioritySubstanceExceedanceType	SWPrioritySubstance_swPrioritySubstanceExceedanceType
SWMET	SWMET
SWMET/BQEMethod	BQEMethod
SWMET/SWChemicalStatusClassificationRBD	SWChemicalStatusClassificationRBD
SWMET/SWChemicalStatusClassificationRBD/bioavailabilityReference	SWChemicalStatusClassificationRBD_bioavailabilityReference
SWMET/SWChemicalStatusClassificationRBD/chemicalStatusReference	SWChemicalStatusClassificationRBD_chemicalStatusReference
SWMET/SWChemicalStatusClassificationRBD/longTermTrendAnalysisReference	SWChemicalStatusClassificationRBD_longTermTrendAnalysisReference
SWMET/SWChemicalStatusClassificationRBD/alternativeMixingZoneMethodologyReference	SWChemStClassRBD_alternativeMixingZoneMethodologyReference
SWMET/SWChemicalStatusClassificationRBD/approachSWBNotMonitoredChemicalReference	SWChemStClassRBD_approachSWBNotMonitoredChemicalReference
SWMET/SWChemicalStatusClassificationRBD/backgroundConcentrationsReference	SWChemStClassRBD_backgroundConcentrationsReference
SWMET/SWChemicalStatusClassificationRBD/mixingZoneMeasuresReductionReference	SWChemStClassRBD_mixingZoneMeasuresReductionReference
SWMET/SWExemptions	SWExemptions
SWMET/SWExemptions/driversSWExemptionsReference	SWExemptions_driversSWExemptionsReference
SWMET/SWExemptions/swDisproportionateCostAlternativeFinancing	SWExemptions_swDisproportionateCostAlternativeFinancing
SWMET/SWExemptions/swDisproportionateCostAnalysis	SWExemptions_swDisproportionateCostAnalysis
SWMET/SWExemptions/swDisproportionateCostScale	SWExemptions_swDisproportionateCostScale
SWMET/SWExemptions/swExemption44Driver	SWExemptions_swExemption44Driver
SWMET/SWExemptions/swExemption44Impact	SWExemptions_swExemption44Impact
SWMET/SWExemptions/swExemption45Driver	SWExemptions_swExemption45Driver
SWMET/SWExemptions/swExemption45Impact	SWExemptions_swExemption45Impact
SWMET/SWExemptions/swExemption46	SWExemptions_swExemption46
SWMET/SWExemptions/swExemption47	SWExemptions_swExemption47
SWMET/SWExemptions/swExemptionsReference	SWExemptions_swExemptionsReference
SWMET/SWExemptions/swNaturalConditions	SWExemptions_swNaturalConditions
SWMET/SWExemptions/swTechnicalInfeasibility	SWExemptions_swTechnicalInfeasibility
SWMET/SWManagementObjectives	SWManagementObjectives
SWMET/SWManagementObjectives/managementObjectivesReference	SWManagementObjectives_managementObjectivesReference
SWMET/SWManagementObjectives/waterResourcePlansReference	SWManagementObjectives_waterResourcePlansReference
SWMET/SWPrioritySubstance	SWMET_SWPrioritySubstance
SWMET/SWMethodologies	SWMethodologies

SWMET/SWMethodologies/hmwbMethodologyReference	SWMethodologies_hmwbMethodologyReference
SWMET/SWMethodologies/iRBDTypologyCoOrdinationReference	SWMethodologies_iRBDTypologyCoOrdinationReference
SWMET/SWMethodologies/smallWBsMethodologyReference	SWMethodologies_smallWBsMethodologyReference
SWMET/SWMethodologies/typologyMethodologyReference	SWMethodologies_typologyMethodologyReference
SWMET/SWPhysicoChemicalQE	SWPhysicoChemicalQE
SWMET/SWPhysicoChemicalQE/physChemTypeCode	SWPhysicoChemicalQE_physChemTypeCode
SWMET/SWPressures	SWPressures
SWMET/SWPressures/swPressuresNotAssessed	SWPressures_swPressuresNotAssessed
SWMET/SWPressures/swPressuresReference	SWPressures_swPressuresReference
SWB/SurfaceWaterBody/SWPrioritySubstance/swPrioritySubstanceExceedanceType	SWPrioritySubstance_swPrioritySubstanceExceedanceType
SWMET/SWRBSP	SWRBSP
SWMET/SWSupportingQE	WSupportingQE
SWMET/SWTtargetedQ	SWTargetedQ
SWMET/SWTtargetedQ/bqeForMEPGEP	SWTargetedQ_bqeForMEPGEP
SWMET/SWTtargetedQ/driversFailureEcologicalStatusPotentialReference	SWTargetedQ_driversFailureEcologicalStatusPotentialReference
SWMET/SWTtargetedQ/ecologicalStatusMethodReference	SWTargetedQ_ecologicalStatusMethodReference
SWMET/SWTtargetedQ/gepMethodReference	SWTargetedQ_gepMethodReference
SWMET/SWTtargetedQ/mitigationMeasures	SWTargetedQ_mitigationMeasures
SWMET/SWType	SWType
SWMET/SWType/swIntercalibrationType	SWType_swIntercalibrationType
any schema /dcMetadata	dcMetadata
any schema /ReferenceType	ReferenceType
<b>RBDSUCA data</b>	
RBDSUCA	RBDSUCA
RBDSUCA/CompetentAuthority	CompetentAuthority
RBDSUCA/CompetentAuthority/mainRole	CompetentAuthority_mainRole
RBDSUCA/CompetentAuthority/otherRole	CompetentAuthority_otherRole
RBDSUCA/RBD	RBD
RBDSUCA/RBD/euSubUnitCode	RBD_euSubUnitCode
RBDSUCA/RBD/otherCompetentAuthority	RBD_otherCompetentAuthority
RBDSUCA/RBD/primeCompetentAuthority	RBD_primeCompetentAuthority
any schema /dcMetadata	dcMetadata
any schema /ReferenceType	ReferenceType
<b>Code lists (do not edit this table)</b>	
not applicable	WFDCCommon

- After you have edited the Access file, prepare a zipped file.
- Go to the envelope and click the 'Activate task' button as explained in the previous section.
- Press the 'Upload and convert file' to upload the zipped file contained the Access file that you need to convert to XML format.

- **Important note:**

Do not use the 'Upload zipfile' button. That button simply extracts the files from the zipped files and adds them to the envelope, but it does not convert them. If you used that button by mistake, simply delete all the files from the envelope and restart.

The screenshot shows the 'Draft delivery' section of a software interface. At the top, there are tabs for 'Overview', 'Draft delivery', 'Edit properties', and 'History'. Below the tabs, there are four numbered instructions:

- 1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.
- 2) Before releasing the envelope to the public, you must run the automatic quality assessment on the data - this will take a few minutes, after which the envelope will be back in Draft mode.
- 3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**
- 4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope will not be released and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

On the right side, there are several buttons: 'Add file', 'Add prefiled file(s)', 'Upload zipfile', 'Upload and convert file' (highlighted with a green border), and 'Deactivate task'. At the bottom, there are two summary boxes: 'Files in this envelope' showing 'No files uploaded' and 'Feedback for this envelope' showing 'No feedback posted in this envelope'.

- When the process ends, the XML files are added to the envelope.

**Overview** **Draft delivery** **Edit properties** **History** **Data quality**

**Draft delivery**

Add file

Upload zipfile

Upload and convert file

Run automatic QA

Deactivate task

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

<input type="checkbox"/>	<a href="#">GWB_AT_AT1000_20210728.xml</a>	<i>GWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	455 B
<input type="checkbox"/>	<a href="#">GWMET__20210728.xml</a>	<i>GWMET__20210728.xml</i>	28 Jul 2021	56 B
<input type="checkbox"/>	<a href="#">Monitoring__20210728.xml</a>	<i>Monitoring__20210728.xml</i>	28 Jul 2021	127 B
<input type="checkbox"/>	<a href="#">RBMMPPoM_AT_AT1000_20210728.xml</a>	<i>RBMMPPoM_AT_AT1000_20210728.xml</i>	28 Jul 2021	467 B
<input type="checkbox"/>	<a href="#">SWB_AT_AT1000_20210728.xml</a>	<i>SWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	454 B
<input type="checkbox"/>	<a href="#">SWMET_AT_AT1000_20210728.xml</a>	<i>SWMET_AT_AT1000_20210728.xml</i>	28 Jul 2021	461 B
<input type="checkbox"/>	<a href="#">WFD2022_V1.1_AT_AT1000.accdb.zip</a>		28 Jul 2021	5.48 MB

Rename Cut Copy Delete

Feedback for this envelope

[FMEConversion results](#) (Posted automatically on 28 Jul 2021)

## Renaming files already in the envelope

- If necessary, the file(s) in the envelope can be renamed.
- Select the file(s) by ticking the box to the left, and press the **'Rename'** button.

**Overview** **Draft delivery** **Edit properties** **History** **Data quality**

**Draft delivery**

Add file

Upload zipfile

Upload and convert file

Run automatic QA

Deactivate task

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

<input type="checkbox"/>	<a href="#">GWB_AT_AT1000_20210728.xml</a>	<i>GWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	455 B
<input type="checkbox"/>	<a href="#">GWMET__20210728.xml</a>	<i>GWMET__20210728.xml</i>	28 Jul 2021	56 B
<input type="checkbox"/>	<a href="#">Monitoring__20210728.xml</a>	<i>Monitoring__20210728.xml</i>	28 Jul 2021	127 B
<input type="checkbox"/>	<a href="#">RBMMPPoM_AT_AT1000_20210728.xml</a>	<i>RBMMPPoM_AT_AT1000_20210728.xml</i>	28 Jul 2021	467 B
<input type="checkbox"/>	<a href="#">SWB_AT_AT1000_20210728.xml</a>	<i>SWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	454 B
<input type="checkbox"/>	<a href="#">SWMET_AT_AT1000_20210728.xml</a>	<i>SWMET_AT_AT1000_20210728.xml</i>	28 Jul 2021	461 B
<input type="checkbox"/>	<a href="#">WFD2022_V1.1_AT_AT1000.accdb.zip</a>		28 Jul 2021	5.48 MB

Rename Cut Copy Delete

Feedback for this envelope

[FMEConversion results](#) (Posted automatically on 28 Jul 2021)

- Provide the new name, and press **'OK'**.

## Executing the quality control checks

- Once the files are uploaded, the quality controls can be executed.
- Run the checks for the entire envelope by pressing the **'Run automatic QA'** button or by executing the individual checks in the buttons that will appear on the right side of the file. Executing them one by one will be faster, as only one process is launched at a time, and when you press the 'Run automatic QA' button, they will already be executed and will just retrieve the results. This button will also run the crosschecks between different files and envelope level checks.

**Overview** **Draft delivery** Edit properties History Data quality

**Draft delivery**

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope—

	<a href="#">GWB_AT_AT1000_20210728.xml</a>	<i>GWB_AT_AT1000_20210728.xml</i>	28 Jul 2021	455 B
	<a href="#">GWMET__20210728.xml</a>	<i>GWMET__20210728.xml</i>	28 Jul 2021	56 B
	<a href="#">Monitoring__20210728.xml</a>	<i>Monitoring__20210728.xml</i>	28 Jul 2021	127 B
	<a href="#">RBMMPPoM_AT_AT1000_20210728.xml</a>	<i>RBMMPPoM_AT_AT1000_20210728.xml</i>	28 Jul 2021	467 B
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Rename Cut Copy Delete

Feedback for this envelope

[FMEConversion results](#) (Posted automatically on 28 Jul 2021)

- **Important note:**  
The quality control checks may take some time to execute. CDR will try to retrieve the quality control results for a fixed amount of time: if the tests are not finalised, an error message will be displayed in the envelope. However, the tests will continue to be processed in the underlying system, and the quality control results will be stored. The next time that the **'Run automatic QA'** button is pressed, the quality control results will be retrieved and uploaded to the envelope.
- The results of the quality controls checks are displayed in the **'Data quality'** tab.
- Once all the issues causing BLOCKERS are corrected, the envelope can be released.
- Remember that official deliveries must be done in CDR (not in CDRSandbox).

## Reviewing the results of the data quality checks

- When the quality control checks finish the results appear in the 'Data quality' tab.

Overview Edit properties History **Data quality**

### Results of automatic data quality checks

This page displays summary information from all automatic data quality checks for this envelope. If you want to see more detailed results, just follow the "Show more..." links to the individual feedback items.

**GWMET\_061.xml**

- BLOCKER: The quality control found 16 blockers - the critical issues must be corrected.** [Show more...](#)
- INFO: XML Schema validation passed without errors.** [Show more...](#)

- Additional information can be visualised in pressing the 'Show more...' link.

Feedback: AutomaticQA result for file GWMET\_061.xml: WFD 2022 GWMET Import and Checks Back to envelope

<b>Subject:</b> AutomaticQA result for file GWMET_061.xml: WFD 2022 GWMET Import and Checks
<b>Posted automatically on:</b> 03 Aug 2021 09:04
<b>Task:</b> Automatic quality assessment
<b>Referred file:</b> <a href="#">GWMET_061.xml</a>
<b>Attached files:</b> <a href="#">xml_checks.csv</a> [download]
<b>Feedback status:</b> BLOCKER
<b>Feedback message:</b> The quality control found 16 blockers - the critical issues must be corrected.

[http://dd.eionet.europa.eu/schemas/WFD2022/GWMET\\_validation](http://dd.eionet.europa.eu/schemas/WFD2022/GWMET_validation)

Type	Blockers	Errors	Warnings	Total
Count	16	0	0	16

#### Summary

Type	Code	Issue description	Count
Blocker	0059	The option 'NOSI - No significant impact' is not valid.	1
Blocker	0067	Report if and only if gwDisproportionateCost is 'Yes'.	1
Blocker	0069	Report if and only if gwDisproportionateCost is 'Yes'.	1
Blocker	0071	Report if and only if gwDisproportionateCost is 'Yes'.	1
Blocker	0090	The option 'Article 4(7)' has not been applied' is not compatible with any other	1

- The feedback page provides a summary with the number of issues found.
- All the BLOCKERS must be corrected before the envelope can be released.
- The ERRORS and WARNINGS should be reviewed and corrected where relevant.
- Important note:**  
The feedback page shows a maximum number of 500 issues.  
A CSV file containing the full list of issues can be downloaded by pressing the '[download]' link, next to the filename in the 'Attach files:' row of the feedback table.

## Correcting critical issues (BLOCKERS)

- The image below illustrates an envelope with multiple BLOCKERS.

Overview Draft delivery Edit properties History **Data quality**

### Results of automatic data quality checks

This page displays summary information from all automatic data quality checks for this envelope. If you want to see more detailed results, just follow the "Show more..." links to the individual feedback items.

**GWB\_TestCases\_02\_25.xml**

- BLOCKER: The quality control found 141 blockers - the critical issues must be corrected.** [Show more...](#)
- BLOCKER: The file does not conform to the data model defined in the XML Schema and blocks your submission. The XML Schema data model specifies the element names, document structure and data types.** [Show more...](#)



- It is necessary to corrected **first** the issues detected in the **XML Schema** validation checks, as they may prevent the data from being imported into the database and fully validated.
- The XML Schema validation errors are generated automatically and information about the technical error can be found online using the error code.

Type	Position	Error message
ERROR	Line: 29, Col: 28	cvc-complex-type.2.4.a: Invalid content was found starting with element '{"http://dd.eionet.europa.eu/schemas/WFD2022":gwSignificantImpactType}'. One of '{"http://dd.eionet.europa.eu/schemas/WFD2022":gwSignificantPressureType}' is expected.

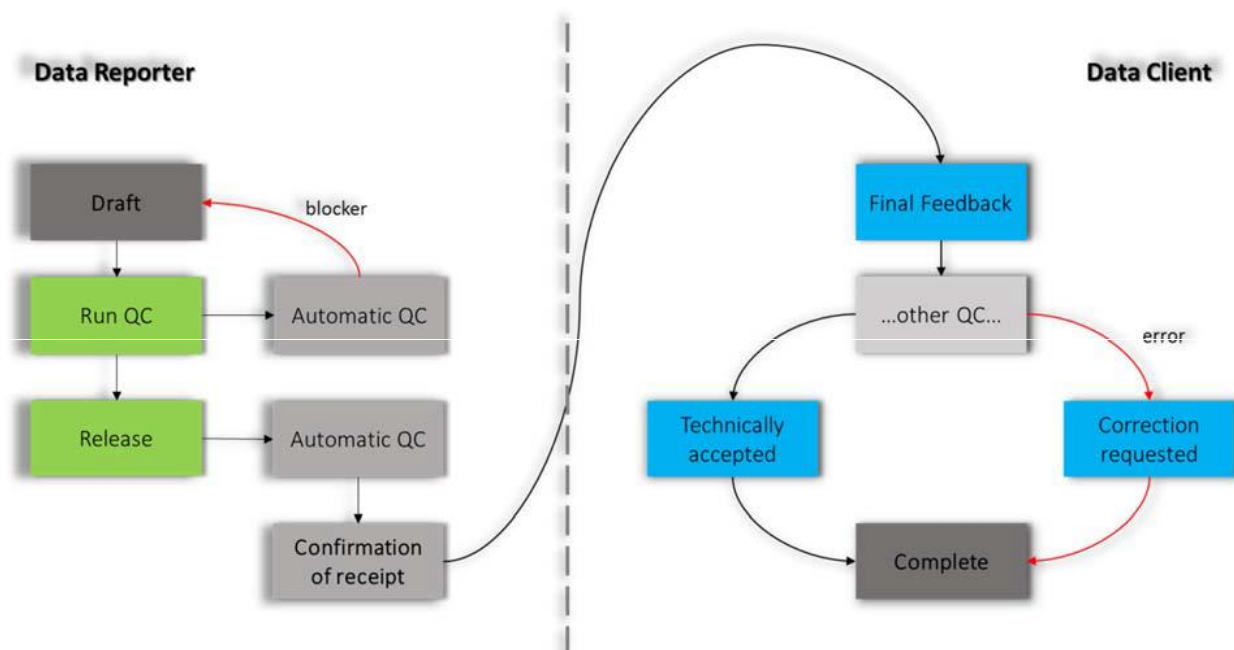
- Make sure that the values are present and have the required data type.

## Reporting workflow

The following figure illustrates, in a simplified diagram, the different phases of the WISE SoE workflow and the responsibilities for each phase. The light grey boxes depict automated or semi-automated processes. The dark grey boxes show the initial and final status of the envelope.

The green boxes are actions taken by the Data Reporters: until the envelope is released, the envelope belongs to the reporter, who can add, delete or replace files... or even delete the envelope. When the reporter releases the envelope, it is moved to the Data Client for the final feedback phase.

The blue boxes are actions taken by the Data Client (ETC and EEA). The data client will check the data against previous deliveries, or perform a number of quality control checks that could not be implemented automatically at Reportnet level. If a serious issue is detected, the Data Client will request a correction of the data delivery, and include a detailed explanation of the issue and of the type of required correction. Otherwise, the Data Client will mark the envelope as technically accepted. In either case, the envelope is completed and the information becomes publicly available (unless the Data Reporter has restricted it). Once the envelope is complete, its content can no longer be changed. (The Data Client can still attach additional manual feedback, but that's all).



## Contacting helpdesk

- If you need additional support, contact [wfd.helpdesk@eionet.europa.eu](mailto:wfd.helpdesk@eionet.europa.eu)
- **Important note:** Remember to include the link to the envelope.