

# WFD2016 workshop

## Exercise 2: Reporting on national RBDSUCA

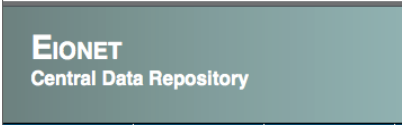
### Exercise summary

- I. CDR workflow exercise:
  - a. Create and envelope
  - b. Add file
  - c. Quality Assurance (QA) checks
  - d. Replace wrong file
  - e. Release data

```
<?xml version="1.0" encoding="UTF-8" ?>
<RBD2016 xmlns="http://rd.eionet.europa.eu/schemas/WFD2016/Reportnet" xmlns:xsi="http://rd.eionet.europa.eu/schemas/WFD2016/Reportnet.xsd" xmlns:fr="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr2="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr3="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr4="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr5="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr6="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr7="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr8="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr9="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr10="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr11="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr12="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr13="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr14="http://rd.eionet.europa.eu/schemas/WFD2016" xmlns:fr15="http://rd.eionet.europa.eu/schemas/WFD2016" 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```

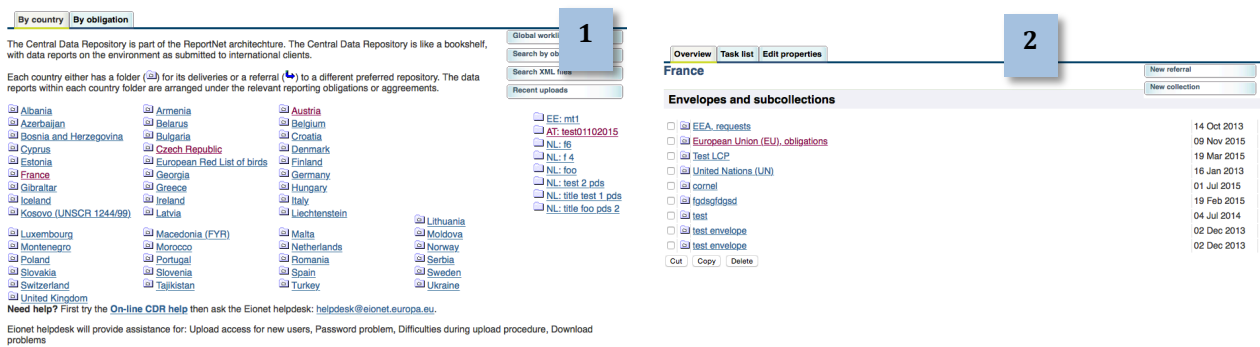
```
<RBD>
  <euRBDCode>FRG</euRBDCode>
  <rbName>La Loire, les cours d'eau côtiers vendéens et bretons</rbName>
  <rbArea>169284</rbArea>
  <rdAreaExclCode>169284</rdAreaExclCode>
  <internationalRBI>N</internationalRBI>
  <subUnitsDefined>Yes</subUnitsDefined>
  <SubUnit>
    <euSubUnitCode>FRG_LMOY</euSubUnitCode>
    <subUnitName>Loire moyenne</subUnitName>
    <subUnitArea>27348</subUnitArea>
    <subUnitAreaExclCode>27348</subUnitAreaExclCode>
  </SubUnit>
  <SubUnit>
    <euSubUnitCode>FRG_VICR</euSubUnitCode>
    <subUnitName>Vienne - Creuse</subUnitName>
    <subUnitArea>21186</subUnitArea>
    <subUnitAreaExclCode>21186</subUnitAreaExclCode>
  </SubUnit>
  <SubUnit>
    <euSubUnitCode>FRG_ALA</euSubUnitCode>
    <subUnitName>Allier - Loire amont</subUnitName>
    <subUnitArea>32698</subUnitArea>
    <subUnitAreaExclCode>32698</subUnitAreaExclCode>
  </SubUnit>
  <SubUnit>
    <euSubUnitCode>FRG_VICO</euSubUnitCode>
    <subUnitName>Vilaine et côtiers bretons</subUnitName>
    <subUnitArea>29773</subUnitArea>
    <subUnitAreaExclCode>29773</subUnitAreaExclCode>
  </SubUnit>
  <SubUnit>
    <euSubUnitCode>FRG_MSL</euSubUnitCode>
    <subUnitName>Mayenne - Sarthe - Loir</subUnitName>
    <subUnitArea>22486</subUnitArea>
    <subUnitAreaExclCode>22486</subUnitAreaExclCode>
  </SubUnit>
  <SubUnit>
    <euSubUnitCode>FRG_LACV</euSubUnitCode>
    <subUnitName>Loire aval et côtiers vendéens</subUnitName>
    <subUnitArea>23418</subUnitArea>
    <subUnitAreaExclCode>23418</subUnitAreaExclCode>
  </SubUnit>
</RBD>
```

From RBDSUCA XML data to Reportnet



# I.a. Report your data at CDR Reportnet: Create an envelope

1. Go to CDR Reportnet under your country
2. Click on European Union (EU), obligations
3. Click the obligation from the page “Water Framework Directive: River Basin Management Plans - 2016 Reporting”
4. Click on National RBDSUCA
5. Log in with your EIONET credentials
6. Click on “New Envelope”
7. In the Add Envelope page provide:
  - a. Title: YYYYMMDD
  - b. Description: A text describing it
  - c. Click in Add button



## Add Envelope

Fill out the fields in this report profile and click *Add*. This will create an *envelope* into which you must deliver.

**Title**

**Description**

**Relating to which year** 2015  Whole Year  to

**Coverage** France

**Coverage note**

## I.b. Report your data at CDR Reportnet: Add the RBDSUCA XML

1. Click on your generated envelope
2. Click on Activate Task (You have to activate this task first before you can upload your files)
3. Click on Add file
4. In the Add document window form provide:
  - a. Title: RBDSUCA\_your country code\_YYYY-MM-DD.gml
  - b. Click on Choose the file and select the XML at your location
  - c. Finally, click on Add

**Envelopes and subcollections**

20151012 10 Nov 2015

**20151012** Zip Envelope

**Overview** | **Edit properties** | **History** **Activate task**

**Description** RBDSUCA test

**Obligations** Water Framework Directive - River Basin Management Plans - 2016 RBDSUCA XML data

**Period** 2015 - Whole Year

**Coverage** France

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

**Overview** | **Draft delivery** | **Edit properties** | **History** **Add file**

**Draft** Upload multiple files packed into a zip archive.  
The zip cannot contain a folder structure.

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 can **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) Once you are satisfied with the contribution, you choose **Release envelope** and your delivery will be released to the public. The automatic quality assessment will be run on the data, after which the EEA and ETC will perform a final review and post feedback on this delivery.

**Upload zipfile** about events in this envelope [Subscribe to receive notifications](#) for this country and the current

**Run automatic QA**

**Release the envelope** **when you have uploaded all files**

**Deactivate task**

Files in this envelope  
No files uploaded

Feedback for this envelope  
No feedback posted in this envelope

**4**

**Add file**

**Upload zipfile**

**Add Document**

**Warning:**  
If the filename already exists in the envelope, the existing file will be overwritten.

**Title**

**File**  no file selected

**Id**  (optional)

**Restricted from public view**

# I.c. Report your data at CDR Reportnet: Quality assurance checks

You can check the XML uploaded for:

- d. The schema itself
  - e. Within schema data
  - f. Cross schema among the other files of the envelope
  - g. Statistics for the files uploaded in the envelope
1. Check the RBDSUCA XML schema, click on the XML Run QA#1, you will obtain the QA result
  2. Check the RBDSUCA within schema, click on the XML Run QA#2, you will obtain the QA result
  3. Click on the button Run automatic QA to run the rest of the validations at envelope level (cross schema and statistics).
  4. See the errors obtained at the Data Quality tab

Overview **Draft delivery** Edit properties History Data quality
1-2

**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 can [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) Once you are satisfied with the contribution, you choose [Release envelope](#) and your delivery will be released to the public. The automatic quality assessment will be run on the data, after which the EEA and ETC will perform a final review and post feedback on this delivery.

Files in this envelope

<input type="checkbox"/>		<a href="#">RBDSUCA_FR_20151109.xml</a>	<a href="#">RBDSUCA_FR_20151109.xml</a>	11 Nov 2015	26.7 KB	<input type="button" value="Run QA #1"/>	<input type="button" value="Run QA #2"/>
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Run automatic QA
3

**Obligations** [Water Framework Directive - River Basin Management Plans - 2016 RBDSUCA XML data](#)

**Period** 2015 - Whole Year

**Coverage** France

**Status** Task(s) in progress: **Automatic quality assessment (Automatic quality assessment)**

**XML Schema validation**
4

**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.

The file was validated against [http://dd.eionet.europa.eu/schemas/WFD2016/RBDSUCA\\_2016.xsd](http://dd.eionet.europa.eu/schemas/WFD2016/RBDSUCA_2016.xsd)

The following table lists the contradictions in document structure, elements using wrong data types or missing mandatory values.

**Tip:** This page is only temporary. The page URL address can not be used as a reference to the result.

Please use the "File >> Save As" option within your browser to save the validation results.

Type	Position	Error message
ERROR	Line: 321, Col: 41	cvc-enumeration-valid: Value 'Y' is not facet-valid with respect to enumeration '[Yes, No]'. It must be a value from the enumeration.
ERROR	Line: 321, Col: 41	cvc-type.3.1.3: The value 'Y' of element 'internationalRBD' is not valid.
ERROR	Line: 323, Col: 20	cvc-complex-type.2.4.a: Invalid content was found starting with element 'subUnitsDefined'. One of '{'http://dd.eionet.europa.eu/schemas/WFD2016':internationalRBDName, 'http://dd.eionet.europa.eu/schemas/WFD2016':primeCompetentAuthority}' is expected.
ERROR	Line: 336, Col: 41	cvc-enumeration-valid: Value 'N' is not facet-valid with respect to enumeration '[Yes, No]'. It must be a value from the enumeration.
ERROR	Line: 336, Col: 41	cvc-type.3.1.3: The value 'N' of element 'internationalRBD' is not valid.
ERROR	Line: 337, Col: 20	cvc-complex-type.2.4.a: Invalid content was found starting with element 'subUnitsDefined'. One of '{'http://dd.eionet.europa.eu/schemas/WFD2016':internationalRBDName, 'http://dd.eionet.europa.eu/schemas/WFD2016':primeCompetentAuthority}' is expected.
ERROR	Line: 380, Col: 41	cvc-enumeration-valid: Value 'N' is not facet-valid with respect to enumeration '[Yes, No]'. It must be a value from the enumeration.

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. more detailed results, just follow the "Show more.." links to the individual feedback items.

## I.d. Replace wrong file

If you get blocking errors it is not possible to release the envelope (unless Annex 0 cases), you can proceed to replace the wrong file

1. Analyse the blocking errors obtained: tab “Data Quality”
2. Activate envelope
3. Delete the existing RBDSUCA XML file
4. Add new corrected file (step I.b)
5. Run QA checks back again (step 1.c)

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

**1**

### 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.

RBDSUCA\_FR\_20151109.xml

- **ERROR:** 1 error found [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...](#)

**2**

Activate task

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

**3**

### Draft delivery

Add file  
Upload zipfile  
Run automatic QA  
Release the envelope  
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 can [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) Once you are satisfied with the contribution, you choose [Release envelope](#) and your delivery will be released to the public. The automatic quality assessment will be run on the data, after which the EEA and ETC will perform a final review and post feedback on this delivery.

Files in this envelope

<input checked="" type="checkbox"/>		RBDSUCA_FR_20151109.xml	RBDSUCA_FR_20151109.xml	11 Nov 2015	26.7 KB	Run QA #1	Run QA #2
-------------------------------------	--	-------------------------	-------------------------	-------------	---------	-----------	-----------

Rename Cut Copy Delete

Add file  
Upload zipfile

**4**

**Add Document**

**Warning:**  
If the filename already exists in the envelope, the existing file will be overwritten.

Title

File  no file selected

Id  (optional)

Restricted from public view

Add

**5**

Run automatic QA

## I.e. Report your data at CDR Reportnet: Release data

Once you get no blocking errors you can proceed to release the envelope

1. Release the envelope
2. The automatic QA will run again
3. You will receive an automatic confirmation of receipt once the envelope is released.
4. To be notified by mail you need to be subscribed to CDR notifications

**Overview** **Draft delivery** **Edit properties** **History** **Data quality** **1-2**

### 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 can [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) Once you are satisfied with the contribution, you choose [Release envelope](#) and your delivery will be released to the public. The automatic quality assessment will be run on the data, after which the EEA and ETC will perform a final review and post feedback on this delivery.

[Add file](#)  
[Upload zipfile](#)  
[Run automatic QA](#)  
[Release the envelope](#)  
[Deactivate task](#)

### Feedback for this envelope

[Confirmation of receipt](#) (Posted automatically) **3**

European Environment Agency  
Kongens Nytorv 6  
DK 1050 Copenhagen K

In support of WISE - The Water Information System For Europe

To Whom It May Concern

This confirmation letter shows the status of national data submissions to Reportnet based on the European Reporting Obligation

**Water Framework Directive - River Basin Management Plans - 2016 Reporting** (<http://rod.eionet.europa.eu/obligations/715>)

The letter is automatically generated when the authorised national data reporter has released the respective reporting information inside the Central Data Repository (CDR).

The following delivery has been submitted for [Member State] and was released on [date of release].

**Envelope:** [Name of the envelope]  
**Location:** [web link to envelope]

List of files:

1. [file name]
2. [file name]
3. [file name]
4. ...

The above-mentioned files were submitted by: [name of data reporter] (user name: [user name of data reporter])

**Note**

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

### Subscribe to notifications

This page allows you to make email subscriptions to the *Unified Notification Service*. Select the cases when you want to receive notifications from the form below. This subscription will be appended to any previous ones you might have made in the past.

Obligation is	<input type="checkbox"/> Any obligation <input type="checkbox"/> 1st daughter directive relating to limit values for NOx, ... <input type="checkbox"/> Air quality assessment annual reporting for 1st daughter directive <input type="checkbox"/> 2006/11/EC Dangerous Substances Directive (codified version) <input type="checkbox"/> Implementation Report Dangerous substances <input type="checkbox"/> 2006/113/EC Shellfish Directive (codified version) <input type="checkbox"/> Shellfish Directive report <input type="checkbox"/> 2006/118/EC Groundwater Daughter Directive to WFD <input type="checkbox"/> Groundwater in WFD progress on implementation of programmes of measures <input type="checkbox"/> Groundwater in WFD River Basin Management Plan including programme of measures <input type="checkbox"/> 2006/44/EC Fish Directive (codified version) <input type="checkbox"/> Fish Directive Report <input type="checkbox"/> 2nd daughter directive relating to benzene and carbon mon ... <input type="checkbox"/> Air quality implementing national laws, regulations and administrative provis ... <input type="checkbox"/> Air quality assessment annual reporting for 2nd daughter directive (Art.3, 4, ...
and country is	<input type="text" value="Austria"/>
and the operation is	<input checked="" type="checkbox"/> Envelope release <input checked="" type="checkbox"/> Envelope revoke <input checked="" type="checkbox"/> Feedback posted <input checked="" type="checkbox"/> Comment to feedback posted
<input type="button" value="Subscribe"/> <input type="button" value="Reset fields"/>	

For complete information about your subscriptions, visit [your preferences page at the Unified Notification Service](#)