2016 WFD reporting online tools

2nd WFD Reporting Workshop
25th and 26th February 2016

Jean-Philippe Goyen
Onema - FRANCE
1. Back to 2010 reporting

2. 2016 French WFD reporting test tool: presentation of services, main features

3. Redmine useful features as a project management tool for reporting

4. Conclusion
1 – Back to 2010 reporting

- Needs to improve the technical WFD reporting process
  - Providing clear wording of errors and immediate solution
  - Improving data consistency and final controls before delivering data
  - Making files management simpler, more efficient and fully traceable
  - Performing the technical assistance for the Ministry and RBDs
2 – 2016 French WFD reporting platform

2.1 - Overall schema

WFD technical reporting platform

RBD data producers

FRA  FRB1  FRB2  FRC  FRD  ...

ONEMA
Office national de l'eau et des milieux aquatiques

EIONET

FRB1
FRB2
FRC
FRD
2nd WFD reporting Workshop

2 – 2016 French WFD reporting platform

2.2 – Simplified files schema

EIONET QA service

EIONET QA Xquery files

RBD XML and Shp files

Reporting test tool

Project management tool

XML and GML validated files

EIONET resources web page
2 – 2016 French WFD reporting platform
2.2 – Simplified files schema

EIONET QA service

EIONET QA Xquery files

RBD XML and Shp files

Reporting test tool

Project management tool

XML and GML validated files

EIONET resources web page
System depends critically on EIONET system:

- Depository of Xquery files must be accessible at all times (like Xsd files)

- Xquery files should be strictly equivalent to the last effective production version used in EIONET QA online test and not the current development version
2 – 2016 french WFD reporting platform
2.3 – Online live demo
<table>
<thead>
<tr>
<th>Features</th>
<th>Status</th>
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<tbody>
<tr>
<td>XML Validation versus XSD</td>
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</tr>
<tr>
<td>QA process</td>
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<tr>
<td>Statistics of QA process</td>
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<td>Translation (and edition) of error messages for Validation and QA process</td>
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<td>Annex 0 error messages management</td>
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<tr>
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✓ operationnal
✓ on progress
3 – Redmine, project management tool

- Flexible issues tracking system
  - Pooling national experts answers to avoid multiple message exchanges

- Document sharing
  - National documents (pushed by email)
  - Background documents for reporting repository

- Special repository to associate documents with URLs for alternative EIONET QA testing

- Users are a directory of people involved in reporting process
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Conclusion

- WFD Reporting files management should be significantly simplified
- Precise and effective traceability of reporting process
- Interbassins and temporal (2010 Vs 2016) statistics should be available almost instantly after file deposit
Thank you for your attention