

**Developing an efficient and sustainable way forward on the Eionet water data flows:  
Review of water data flows and data handling processes**

**Reports from the breakout sessions**

**2014 Freshwater Eionet Workshop  
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# Group: [red]

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- Chair: *Jan-Hendrik Voet, BE*
- Participants: Poland, Lithuania, Norway, Croatia, Italy, Belgium, Sweden, Kosovo, Germany, The Netherlands, Switzerland, Greece, Finland



# Session 1

## 1) Link in between WFD and SoE data in assessments

### [**statements: most important indicators, added value of SoE data ...**]

- important Indicators: shift in monitoring towards biological data, nutrients; Hazardous substances (e.g. pesticides)

### [**difficulties and open questions**]

- Reporting water quantity was difficult due to too many parameters
- prefer real SoE data not only the categories (status classes) used in WFD;
- Assessment in EEA: Why do the MS all the SOE reporting if at the end only WFD data (categories) are used?
- Advantage of WFD: higher spatial resolution; SoE data have a better resolution in time series. Combining both data flows to get an optimised assessment

### [**recommendations to European level**]

- Keep the biology and the nutrients data flows

### [**recommendations to national level**]



# Session 1

## 2) Technical link in between WFD and SoE data

### [**water body codes, linking stations ...**]

- How to handle new station IDs?
- Why do the MS to have to report all stations every time?
- Double reporting regarding the WaterbodyCD?
- Ideal case (future) > reporting once; but as long as the unique station list doesn't exist, report it in SOE and WFD

### [**Are SoE data rather related to surveillance monitoring or operational monitoring and how should hot spots and problem areas be covered?**]

- In SoE reporting it would be good to have both kind of stations (operational and the surveillance) reflecting the proportion of the impacted stations in each RBD



# Session 1

## 2) Technical link in between WFD and SoE data

### [difficulties and open questions]

- New delineation of GWBodies, how to report?
- Different institutions reporting SoE and WFD; reason for problems in coding station-Ids

### [recommendations to national level]

- To use the same name for the WaterBodyCode in each reporting flow
- If a station-Id is changed than give the old and new code; provide the information to EEA

### [recommendations to EEA]

- To split the data flow: 1) station reporting;2) measurements



## Session 1

### 3) Improved business process for SoE/WFD data handling [(1)]

**[improved quality by automated QA]**

**[improved quality by stricter more upfront QA rules]**

**[consequences for country data managers?]**

**[added value of SoE reporting guidance]**

- Condensed document with no repetitions merging the information in the SOE Reporting Guidance and the DD
- Will there be a lot of changes to the DD?



## Session 1

### 3) Improved business process for SoE/WFD data handling [(1)]

#### **[difficulties and open questions]**

- EEA ticket system is not good; others say ticket system is good; maybe a combination is the best; e.g. the data provider should get an email notification when ever a new ticket was entered in the CDR
- new Methodology is a problem during uploading

#### **[recommendations]**

- Quicker QA must be done; and related what was reported before
- allow, to go to the same envelop and change the data in this envelop
- one envelope per country per year would be better; allow to re-open and change it



# Session 2

Good examples of QA/QC procedures in national WFD/SoE databases

## [examples]

- Some countries have a three stage system: 1) QA/QC in the lab 2) during combining the data in national data sets 3) afterwards QA/QC checks (automated and manual) in the National databases
- Some countries do only some checks on the tables, "looking at the data" and using the EEA QA/QC check in reportnet
- Some Countries have combined already WFD and SOE and some not





# Session 2

## Country fiches [(1)]

**[further development to solve data quality issues]**

- XXX

**[added value of country overviews: what to use for?]**

- XXX

**[added value of disaggregated data in waterbase]**

- XXX

**[further development beyond overview of data availability]**

- XXX



# Session 2

## Country fiches [(1)]

### [difficulties and open questions]

- time schedule for sending out the CFS has to be created by EEA
- Is there one EEA/ETC contact person to receive the replies from the countries?
- Are the CFs produced every year in future?
- How can the countries track the changes? (it should be available some kind of web based system to do this)



# Session 2

## Country fiches [(1)]

### [recommendations to EEA]

- The whole process should be checked, fixed and a time line has to be defined and communicated to the countries
- Give a synopsis for the major problems in the CFs at the top
- The focus should be on the first clean-up phase; Wait with the second phase of the CFs
- The countries want to be involved in the second phase of the CFs if they are to be published
- Separate the content between data-technical and other issues



# Session 2

## Country fiches [(2)]

### **[further development to solve data quality issues]**

- XXX

### **[added value of country overviews: what to use for?]**

- XXX

### **[added value of disaggregated data in waterbase]**

- XXX

### **[further development beyond overview of data availability]**

- XXX

### **[difficulties and open questions]**

- XXX

### **[recommendations]**

- XXX



# Session 2

## Country fiches to clean up SoE data [(1)]

### **[involvement of NRCs autumn 2014]**

- XXX

### **[reasons to stop reporting of stations, parameters, ...]**

- XXX

### **[improve the quality issues mentioned and questions in country fiches]**

- XXX

### **[consistency in linking WFD and SoE stations – if not answered before]**

- XXX

### **[difficulties and open questions]**

- XXX

### **[recommendations]**

- XXX



## Session 2

### Country fiches to clean up SoE data [(2)]

#### **[involvement of NRCs autumn 2014]**

- XXX

#### **[reasons to stop reporting of stations, parameters, ...]**

- XXX

#### **[improve the quality issues mentioned and questions in country fiches]**

- XXX

#### **[consistency in linking WFD and SoE stations – if not answered before]**

- XXX

#### **[difficulties and open questions]**

- XXX

#### **[recommendations]**

- XXX



# AOB

- [mainly questions: split up for European level and countries]
- [recommendations: split up for European level and countries]



# Session 1

## Improved business process for SoE/WFD data handling [(2)]

- [improved quality by automated QA]
- [improved quality by stricter more upfront QA rules]
- [consequences for country data managers?]
- [added value of SoE reporting guidance]
- [difficulties and open questions]
- [recommendations]

