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 26-27 June 2014, Copenhagen

## Group: [red]

- Rapporteur: Olaf Büttner, ETC/ICM
- Chair: Jan-Hendrik Voet, BE
- Participants: Poland, Lithuania, Norway, Croatia, Italy, Belgium, Sweden, Kosovo, Germany, The Netherlands, Switzerland, Greece, Finland

#### 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 <u>biological data</u>, <u>nutrients</u>; <u>Hazardous substances</u> (e.g. pesticides)

#### [difficulties and open questions]

- Reporting water quantity was difficult due to to 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]



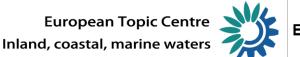
#### 2) Technical link in between WFD and SoE data

#### [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



#### 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



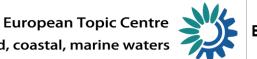
#### 3) Improved business process for SoE/WFD data handling [(1)]

[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

Inland, coastal, marine wate

Will there be a lot of changes to the DD?



#### 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

**European Environment Ager** 

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



## 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]

## 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)

## 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

## 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]

## 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]

## 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]

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

# 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]

