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| **European Environment Agency**  |  |

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

**2014 Freshwater Eionet Workshop**

**26-27 June 2014, Copenhagen**

 **Final draft agenda**

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| ***1st Day – 26 June*** |
| **Time** | **Title** | **Presentation and discussion** |
| **10:30 – 11:30** | **Welcome and introduction** **Chair: Anita Künitzer, EEA*** Welcome by EEA, (see also background document: http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/wise-soe-data-flows-and-priority-data-flows-water-area-2014-2016)
	+ Objectives and rational of the workshop
	+ Overview on EEA developments on water reporting and needs for a possible suspension of the priority data flow in 2014 and reporting 2013 data only in 2015
	+ Update on new NRC structure

Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/0_opening-session/1-objectives-and-introduction-eea> * DG ENV recent developments and needs
	+ Needs of SOE information for policy assessments and policy integration;
	+ WFD reporting guidance for 2016, reviewed and restructured

Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/0_opening-session/2-introduction-dg-environment>  | Beate Werner (EEA) Joaquim Capitão (DG ENV) |

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| **11:30 – 13:00** | **Session 1: Content quality: Review of SoE data****Chair: Beate Werner, ETC**The presentations will show a proposal, how the data request can be simplified, and what can be changed to jointly analyse WFD and SoE data in 2016/2017. (see also background documents:* <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/background-documents/content-related-soe-review>
* <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/background-documents/draft-water-framework-directive-reporting-guidance>
* <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/background-documents/reporting-guidance-for-soe-data>)
1. overview of changes to SoE reporting guidance
2. update of SoE reporting sheets for nutrients/organic pollution in rivers, lakes and groundwater
3. update of SoE reporting sheets for hazardous substances (rivers, lakes, groundwater)

Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/1-content-quality-review-soe-data/1-3-overview-changes-soe-reporting-guidance> 1. update of SoE reporting sheets for emissions following the WFD reporting guidance on emissions

Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/1-content-quality-review-soe-data/4-update-soe-reporting-sheets-emissions> 1. update of SoE reporting sheets for water quantity following the WFD reporting guidance on water quantity

Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/1-content-quality-review-soe-data/5-update-soe-reporting-sheets-water-quantity> ***Plenary questions and discussion***(discussion in break-out groups at the end of day 1) | Sandra Richter (ETC)Bo N. Jacobsen (EEA)Evangelos Baltas (ETC) |
| **13:00 -14:00** | ***Lunch break***  |
| **14:00-15:30** | **Session 2: Restructuring data processing: Technical developments at EEA****Chair: Stefan Jensen, EEA** 1. A principle overview about the changes in EEA data work and approaches to data handling and QA
2. Prospective changes in the reporting, restructuring of data handling processes and communication improvements – consequences for reportersPresentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/2_restructuring-data-processing/2-prospective-changes-reporting>
3. Principle of common work space (CWS) and issues related to geo-location of sensitive national data – consequences for reportersPresentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/2_restructuring-data-processing/3-principle-common-work-space>
4. Roadmap for INSPIRE check of WFD compliance and possible future steps of INSPIRE check for SoE information.Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/2_restructuring-data-processing/4-towards-wise-inspire-compliance>

***Plenary discussion*** * What does the EEA restructuring of data handling mean for countries, what is needed in future?
* How can the suspension of the data exchange in 2014 help resource wise to do the necessary?
* How can there be a mutual support of the process by countries and EEA?

***Introduction to the first break-out session*** | Hermann Peifer (EEA)Jan Bliki (EEA)Stefan Jensen (EEA) |
| **15:30 – 16:00**  | Coffee break |
| **16:00 – 17:30** | ***First break-out session*****Chairs: NRCs, Rapporteurs: ETC***Green group: 00.20 (Falk Hilliges, DE), Red group: 0.10 (Jan-Hendrik Voet, BE), Blue group: conference room (Andrea Májovská, SK)*1. What is the best way to link WFD and SoE data in assessments?
	* What are the most important indicators to assess the state of the environment at national and at European level (covering SoE as well as WFD and other directives)?
	* What is the value added from SoE data compared to WFD data for the status assessment of Europe’s water environment?
2. What is the best way to (technically) link WFD and SoE data?
	* How to solve the problem of inconsistent coding and missing water body relations between SoE and WFD stations.
	* How is the RBD information from the WFD (e.g. for significant pressures) be helpful for the SoE assessment in the WFD context.
	* Are SoE data rather related to surveillance monitoring or operational monitoring and how should hot spots and problem areas be covered? How should the reporting guidance deal with data from surveillance and operational monitoring? Does this choice has consequences for the time series available so far?
3. How can we improve the business process for SoE/WFD data handling?
	* How can we improve the quality of data and time series by new automated QA procedures and stricter more upfront located QA rules?
	* How are the consequences for a stricter, more upfront QA seen by data managers at national level when uploading data?
	* What is the added value of the SoE reporting guidance compared to the Data Dictionaries?
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| **19:00** | **Joint dinner** |
| ***2nd Day – 27 June*** |
| **09:00 – 11:00** | **Session 3: SoE quality assurance – country fact sheets****Chair: Beate Werner, EEA**(see also draft country fiches: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/background-documents/draft-country-fiches>) 1. introduction about country fact sheets and examples of country fact sheets on water quality and emissionsPresentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/preparation-country-fact-sheets>
2. examples of country fact sheets (water quantity)Presentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/country-fiches-water-quantity-issues>
3. station matching – linkages between Waterbase and WFD databasesPresentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/3-linking-different-bases>
4. 3 presentations on national linkages between SoE and WFD databases Presentations:**Sweden**: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/4a-country-presentation-sweden> **Cyprus**: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/4b-country-presentation-cyprus> **Portugal**: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/3_soe-quality-assurance-country-fiches/4c-country-presentation-portugal>

***Plenary questions*** ***Introduction to the second break-out sessions*** | Sandra Richter (ETC)Evangelos Baltas (ETC)Peter Kristensen (EEA)Lars Sonesten (SE), Gerald Dörflinger (CY) andSofia Batista (PT) |
| **11:00 – 11:30**  | Coffee break |
| **11:30-13:00** | ***Second break-out session*****Chairs: NRCs, Rapporteurs: ETC***Green group: 00.20 (Falk Hilliges, DE), Red group: 0.10 (Jan-Hendrik Voet, BE), Blue group: 8.2.30 (Andrea Májovská, SK)*1. What is the business process in countries to ensure QA/QC in national WFD/SoE databases?
	* Explanations by NRCs in relation to the EEA practices
2. How can we further develop and use country fact sheets?
	* How can the country fiches be improved to better reflect and help to solve quality issues?
	* What is the added value of annual country overviews in form of those fact sheets for all 39 countries be published by EEA? (use on national level, SOER, communication with EEA and neighbor countries)
	* Under which conditions should disaggregated data in waterbase published by EEA , and what is the value added?
	* Should the current country fact sheets contain data products (e.g. see example like in BWD country fiches, contribute to EEA indicators from a country perspective) beside overviews on data availability? Which data products are high on your priority list?
3. How can country fact sheets help in the clean-up of the SoE datasets?
	* How far are NRCs willing to be actively involved in cleaning the SoE datasets and improve their quality in autumn 2014?
	* What are the reasons that some countries stop reporting on some parameters?
	* How can the quality problem described exemplary in the first country fact sheets be improved?
	* How do we ensure consistency in linking SoE stations with WFD stations and WFD water bodies?
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| **13:00 -14:00** | ***Lunch break*** |
| **14:00 – 15:30** | **Session 4: Concluding session****Chair: Anita Künitzer, ETC*** Report back from the breakout sessions by the rapporteurs

Presentations:**Red group:** <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/4_concluding-session/1a-report-breakout-session-red-group> **Blue group:** <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/4_concluding-session/1b-report-breakout-session-blue-group> **Green group:** <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/4_concluding-session/1c-report-breakout-session-green-group> **Plenary discussion** | Evangelos Baltas, Olaf Büttner, Sandra Richter (ETC) |
| **15:30-16:00** | **Conclusions and way forward.**Next steps for SOE data flows, integration with WFD reporting and quality assurance, possible time and work planPresentation: <http://forum.eionet.europa.eu/nrc-eionet-freshwater/library/copenhagen-eionet-freshwater-workshop-2014/freshwater-eionet-workshop-2014/presentations/4_concluding-session/conclusions-and-next-steps>  | Beate Werner |
| **16:00** | End of meeting |  |