2020 WISE-SoE data call

To: Eionet PCPs and NRCs for Water emissions
To: Eionet PCPs and NRCs Water quantity
To: Eionet PCPs and NRCs for Water quality and ecological status
To: Eionet PCPs and NRCs for Marine, coastal and maritime

cc: WISE SoE - Emissions (WISE-1) Reporters
cc: WISE SoE – Biology in transitional and coastal waters (WISE-2) Reporters
cc: WISE SoE - Water Quantity (WISE-3) Reporters
cc: WISE SoE - Water Quality (WISE-4) Reporters
cc: WISE - Spatial Data (WISE-5) Reporters
cc: WISE SoE – Water Quality (WISE-6) Reporters

Cc: Eionet National Focal Points

From:
Stéphane Isoard
Head of Group - Water and Marine
European Environment Agency

Subject:
2020 WISE-SoE (Water Information System for Europe – State of the Environment) data call

Dear Colleague,

This is to announce the 2020 WISE-SoE data call. Data are requested for:

- Emissions to water (WISE-1)
- Water quantity (WISE-3)
- Spatial data (WISE-5)
- Water quality (WISE-6)

The call for spatial data (WISE-5) is open from now until October 31st 2020.

The call for the other WISE dataflows will run from Monday 12th October 2020 until Friday 15th January 2021.

We will once again run webinars to discuss the reporting, reflect on lessons learned from past data reporting exercises, show how the data are used in EEA's products and demonstrate visualisation tools that have been developed. Member countries are welcome to contact the EEA with ideas and contributions for the webinars.

Thank you for your reporting in previous years. Some of the products based on the data reported are listed in Annex A.

Fig. 1 Outline of the WISE-SoE dataflows in 2020

WISE-1	WISE-2	WISE-3	WISE-4	WISE-5	WISE-6
• Minor amendment on E-PRTR in 2020 • No call for Riverine input loads and direct discharges to the sea in 2020	• No call in 2020	• No change in 2020	• Now retired • Reporters will be contacted about non-released envelopes from previous years	• No change in 2020	• No change in 2020

WISE-5 Spatial data call

New monitoring sites or changes to existing EIONET monitoring sites must be reported before the reporting of the time series data (WISE-1, WISE-3, WISE-6) using the WISE-5 data flow. The current reference set of monitoring sites is updated with all monitoring sites reported in previous WISE data calls and WFD data calls, including additional monitoring sites reported via the WFD EQS 2018 reporting, so for most countries there should be limited need to report spatial data this year. Some time series data do not have spatial information (location, name of monitoring sites, related water body) and EEA aims to solve this issue, together with reporters, during this reporting round.

The WISE-SoE - Spatial Data (WISE-5) data flow includes the spatial reference datasets following the same data models used in the WFD – RBMPs - 2016 spatial data reporting. Data Providers not reporting under the WFD are expected to report information under WISE-5. Data Providers reporting under the WFD (Member States, Norway and Iceland) may also exceptionally use WISE-5 to provide information on EIONET spatial objects not covered by the WFD reporting. Note that the WFD Spatial reporting is not presently open (due to the ongoing preparation of the 2022 reporting of the 3rd River Basin Management Plans).
With regard to WISE-5, please upload full datasets: it is not possible to deliver partial or incomplete datasets. Reporting of spatial data is needed well in advance of the delivery of tabular

data, to avoid problems with automated quality control procedures, which check for the existence of site and water body identifiers. **This is the rationale for having the call for spatial data (WISE-5) open from now until October 31st 2020**.

WISE-1, WISE-3 and WISE-6 datacall

Under the emissions data collection (WISE-1), following on from the trial in the 2019 datacall, Data Providers will have the options to either exclude or include E-PRTR data, but not to report E-PRTR data only (these data can be brought in directly from EEA's E-PRTR dataflow). The tables for riverine input loads and direct discharges to the sea will again be ignored in 2020 but we would like to discuss ways forward for these reporting streams with Data Providers. **More details will be discussed in the WISE-1 webinar, planned for afternoon of Monday 28th September.**

This year, we will not be collecting data on biological elements under WISE-2.

A webinar for WISE-3 will be organised for the morning of Monday 28th September.

As previously announced, this year WISE-6 replaces WISE-4 for water quality. WISE-6 has a similar structure to WISE-4 but also allows the reporting of concentrations in matrices such as biota and sediment, and has improved performance and better options for feedback on reported data. During the data call, the WISE-SoE helpdesk and EEA will help data reporters in the change from WISE-4 to WISE-6. In addition, focus will be given to solving issues related to WISE-4 folders submitted but not released in previous years (i.e. folders remaining in draft or with correction requested) and Helpdesk will be contacting countries towards achieving this.

We will be discussing the WISE-6 dataflow during a webinar in mid-September 2020. Further information will be circulated at end August.

Reporting process

A number of different data reporting exercises have their legal deadlines at the end of December 2020, so to improve the stability and availability of the Reportnet systems, **we ask you to report data as early as possible from now (for WISE-5) to end of November 2020**. If necessary EEA may request that the WISE-SoE deliveries be interrupted or significantly reduced during December. The final feedback on any released envelope will be provided during the reporting period.

Please use the [Reporting Obligations Database (ROD)](#) to locate the relevant information about:

- [WISE SoE - Emissions (WISE-1)](#)
- [WISE SoE - Water Quantity (WISE-3)](#)
- [WISE - Spatial Data (WISE-5)](#)
- [WISE SoE - Water Quality (WISE-6)](#)

Note that the EEA, in accordance with its data policy, publishes all data reported by countries, aggregated and disaggregated.

Please contact your EIONET NFP if you require reporting permissions on a given dataflow, so that your user name is added to the authorised reporter list. Note that the WISE-4 reporters must be authorised as WISE-6 reporters to be able to report the water quality data, if it has not already been done.

- [WISE SoE - Emissions (WISE-1) Reporters](#)
- [WISE SoE - Water Quantity (WISE-3) Reporters](#)
- [WISE SoE - Water Quality (WISE-4) Reporters](#)
- [WISE SoE - Spatial data (WISE-5) Reporters](#)
- [WISE SoE – Water Quality (WISE-6) Reporters](#)

Guidance documents and format conversion tools are available in the following CDR help pages:

- [WISE SoE - Emissions (WISE-1)](#)
- [WISE SoE - Water Quantity (WISE-3)](#)
- [WISE - Spatial Data (WISE-5)](#)
- [WISE SoE - Water Quality (WISE-6)](#)

Always download the latest data templates from the Data Dictionary.

During the last year, EEA has updated the reported spatial data and worked on ensuring consistency between the spatial objects reported in relation to [WISE - Spatial Data (WISE-5)](#) and the [Water Framework Directive - River Basin Management Plans - 2016 Spatial data](#) reporting. For the 2020 data call, we have updated the dashboard providing an overview of the spatial data reported by countries. The dashboard is available via this link [WISE_5_2020_DataCall](#). For the data call, the country pre-filled files are already in the [WISE restricted access area](#). There is also a document explaining [How to use the EIONET prefilled shapefiles to report under WISE-5](#).

Data files should be uploaded to the [Central Data Repository (CDR)](#).

The following file formats are accepted:

- Microsoft EXCEL files (**XLS or XLSX**) - Accepted in WISE-1, WISE-3, WISE-4 and WISE-6. Always use the conversion tool to export large spreadsheet files to XML. Please read the reporting guidance document for further information.
- **XML** files - XML files can be uploaded directly to the CDR envelopes. This includes INSPIRE compliant metadata files delivered under WISE-5.

- **Shapefiles** (WISE-5 only) - It is not possible to upload shapefiles directly to CDR envelopes. Always use the conversion tool to export to GML format. (available in [WISE-5 CDR help page](#)).
- **GML** files (WISE-5 only) - GML files can be uploaded directly to CDR envelopes.
- **PDF** files - Generic information, such as methodological information, can be provided using PDF files. Please be aware that such information will not be harvested or integrated in the European datasets.

You may use [CDRSandbox](#) to test your data. Please test with small files, so that you can detect structural errors and identify frequent QC errors. Small EXCEL files can be uploaded directly (and automatically converted by the Reportnet systems), which provides a faster way to test and improve the quality of your delivery.

If your data delivery was released and technically accepted, you may still deliver additional data (or correct the data that was previously delivered) by creating a new envelope. Please note that only the last reported instance of each record (i.e. the determinant measured at specific monitoring site at specific date) will be kept in the European datasets. Please contact wisesoe.helpdesk@eionet.europa.eu if you need technical support.

If your data delivery was released and a correction was requested, you may still submit a revised full delivery in a new envelope. Please contact wisesoe.helpdesk@eionet.europa.eu if you need assistance with redeliveries.

Watch list reporting

The Watch List is a requirement under the Priority Substances Directive 2008/105/EC as amended by Directive 2013/39/EU. Further to DG ENV's letter to Water Directors (Reporting of watch list monitoring data, 24th October 2016) EU Member States can report their watch list water concentration data through WISE-6.
The list of watch list substances set out in (EU) 2018/840 is expected to be updated soon.

Data Providers should write "watchlist" in the remarks field to highlight the data to be considered for this dataflow. **Please be aware that reporting well in advance of the 20th December deadline is recommended, in case the WISE data call is interrupted during December**.

Helpdesk and support

- Contact WISE-SoE helpdesk for question related to the content, format or quality control of the WISE-1, WISE-3, WISE-5 or WISE-6 data: wisesoe.helpdesk@eionet.europa.eu
- In case of login problems or any other technical difficulties with Eionet services, please contact Eionet helpdesk: helpdesk@eionet.europa.eu

Please remember that emails sent in CC to the above email addresses are automatically discarded by the system. User requests can be internally forwarded to the appropriate support team, so it is not necessary or advisable to send requests simultaneously to both helpdesk teams.

I would like to take this opportunity to thank you for your continued support and look forward to a successful data reporting exercise. Please note that the European datasets from this and previous submissions will be available on the EEA web site.

Best regards,

Stéphane Isoard
Head of Group - Water and Marine
European Environment Agency

Annex A

Examples of uses of the WISE-SoE data in EEA and ETC-ICM products

Reports:

ETC-ICM technical report on pesticides in water (to be published summer 2020) (*WISE-4/6*)

EEA assessment on Chemicals in Europe's Waters (*WISE-1*)

https://www.eea.europa.eu/publications/chemicals-in-european-waters

Indicators:

Use of freshwater resources (*WISE-3*)

https://www.eea.europa.eu/data-and-maps/indicators/economic-water-productivity-of-irrigated-2/csi-018-use-of-freshwater-resources

Water intensity of crop production in Europe (*WISE-3*)

https://www.eea.europa.eu/data-and-maps/indicators/economic-water-productivity-of-irrigated-2/assessment

Oxygen-consuming substances in European rivers (*WISE-4/6*)

https://www.eea.europa.eu/data-and-maps/indicators/oxygen-consuming-substances-in-rivers/oxygen-consuming-substances-in-rivers-9

Nutrients in freshwater in Europe (*WISE-4/6*)

https://www.eea.europa.eu/data-and-maps/indicators/nutrients-in-freshwater/nutrients-in-freshwater-assessment-published-9

Draft indicator on water reuse (currently in consultation)

https://forum.eionet.europa.eu/nrc-eionet-freshwater/library/urban-waste-water-treatment/water-reuse/indicator-water-reuse (Eionet password required)