

# Towards WISE INSPIRE compliance

agreed steps  
further roadmap

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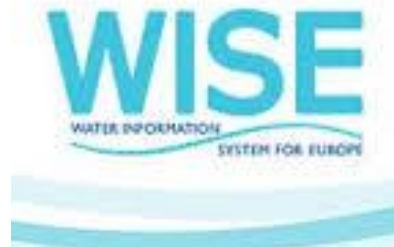
# Towards WISE INSPIRE compliance

## WHY

WISE is the process and framework for integration of water data in Europe

INSPIRE provides the infrastructure for environmental data interoperability

- *Member States have obligations to deliver data and services based on the INSPIRE implementation rules until 2017 / 2020*
- *EC / EEA encourage and support stepwise INSPIRE implementation*
- *EC / EEA encourage deeper integration of WISE SOE, WfD and other related directives*



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## Overall short term goal:

*Map all the spatial objects defined in the WFD reporting guidance 2016 to INSPIRE concepts (spatial objects types/feature types, attributes & attribute values, relationships between spatial objects, unique identifier, registers, including code list ... and propose the extensions when and where relevant*

## Agreed tasks:

### **(Jun – Dec 2014 phase 1 and 2 – implementation pilot)**

Map INSPIRE data specs area management and monitoring facilities against guidance chapters (2,3,6 vs. 4). Document alignment needs – until July (phase 1)

Extend to remaining guidance chapters incl. INSPIRE themes hydrography, protected sites, groundwater. Document and prepare for testing with Member States mainly until October (phase 2)

***Done by DG Env contractor ATKINS/Conterra***

**Participants:** JRC, EEA, DG ENV; volunteers from WISE Technical Group; MIG Pool of experts; MIWP 21

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Planned next phases (tbc):

## **Phase 3 (Jan – Jun\* 2015)**

- Agree and update the WFD reporting schemas based on the delivery of phase 1 and 2
- Update the XML schemas (XSD) according to the mapping
- Conformance testing with INSPIRE abstract test-suite
- Test with countries
- Address issues countries could have
- Confirm within CIS process

***Done by DG Env (C) contracts (DG Env lead; EEA, JRC support)***

## **Deliveries:**

GML ready for testing

***After phase 3, data content for reporting is INSPIRE conformant***

\* Maybe shorter / longer

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## **Phase 4 (Mar – Dec 2015)**

Setting up Reportnet (and *INSPIRE network services\**) providing the required content obtained from phase 3, with a group of Member State participating in the pilot  
Integrate the results into the normal workflow for reporting

***Done jointly through JRC and EEA contracts and funding***

**Participants:** volunteer MS based on WISE TG and MIG pool of experts, DG ENV

**Delivery:** Finalised guidance and schemas

Result discussed by WISE Technical Group, EEA, DG ENV, JRC

**2016 RBMP reporting operational setup (EEA lead)**

*Tested application schemas and services integrated in MIG/MIF: MIWP 21 and repository*

*(EC/EEA INSPIRE team lead)*

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## *Next possible/suggested tasks*

### **Introduce similar process for WISE SOE data**

- Identify spatial entities (monitoring stations, groundwater bodies)
- Identify relevant attributes which have relations to INSPIRE data specifications
- Identify code list and potential issues with identifiers
- Set-up tasks and timing

Suggested ETC task for ? - 2015 ?

### **Establish European water reference data sets**

- RBD dataset
- Hydrography dataset(s)
- ...

**Explore linkages to other environmental legislation (e.g. WISE Marine)**

# Suggested items for discussion

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- General comments
- Open questions
- National activities in aligning SOE and WFD data
- What is a realistic roadmap?
- Where can EEA help?
- What do we need to do next?

