

Title: INSPIRE . The EurEau point of view.

Speaker: Pedro Béraud

- Portuguese Representative in EurEau
- Coordinator of Wastewater Specialized Committee (in Portuguese: CEAR) of the:
- Portuguese Association of Water Distribution and Wastewater Drainage (in Portuguese: APDA).

EurEau. Water Matters.



EurEau

- EurEau: European Federation of National Associations of Water Services
- We represent **drinking water** and **waste water** service providers in 29 countries in Europe, over 400 million people.
- We reflect the **diversity in the governance** models across Europe - direct private management, delegated private management, direct public management and delegated public management.
- 150 experts **sharing technical knowledge** and enabling the EurEau Secretariat in Brussels to **advocate for priorities** of the water sector

EurEau Portuguese member: APDA



- In Portugal EurEau's member is the Portuguese Association of Water Distribution and Wastewater Drainage (in Portuguese: **APDA**).
- APDA has a Wastewater Specialized Committee (in Portuguese: **CEAR**) that regularly organizes: Seminars, Workshops, Debates etc. For 2015:
 - Debate “Sludge National Strategy for Portugal”, Ordem dos Engenheiros, Lisbon 27th of May;
 - Debate “ Pig Industrial production Waste Water Treatment. State of the Art and Evolution in Portugal”. Leiria, 9th July;
 - Seminar: “Challenges of Integrated Micropollutants in supply systems and Sanitation”. Lisbon 28th October.

Part I: SIIF versus Article 11 of the INSPIRE directive



EurEau

- EurEau believes that most of the countries have **not enough data with the level of quality** required to develop services to implement the Article 11 of the INSPIRE directive.
- Even in cases where data are available, the different realities and diversity of contexts must be reflected.
- The SIIF generic websites should provide sufficient technical details to be useful for water sector.

Part I: SIIF versus Article 11 of the INSPIRE directive



- For EurEau's point of view it could be important to have data from location and operational of:
 - Drainage systems;
 - Waste Water Treatment Plants Operation;
 - Investment and operation costs, etc
- It could be useful to systematise information by unit, or by company, or by region, or by hydrographic basin, in order to obtain an overview of this sector.
- It should be done with care to ensure the quality of agglomerated data

Part I: SIIF versus Article 11 of the INSPIRE directive



- Most of sewers, **belong to municipalities** (and not waste water operators). It is one of the reasons why this topic has not been really followed by EU2 until now.
- more important could be the inventory of the possible connections between sewer systems and watercourse (ie CSOs) in link with WFD, BWW, Marine strategy... This topic is followed by EC and could have a real interest for the protection of environment..

Part I: SIIF versus Article 11 of the INSPIRE directive



- Integration technologies should be used according to :
 - the different levels of information and
 - the different users.

- Each level of information may be available for one, or more users levels:
 - general information available to the public.
 - technical information level, that can be available only for technical expertise in this area.

Part I: SIIF versus Article 11 of the INSPIRE directive



- It could be useful to have **hyperlinks** between different websites with different types of information.
- BUT...
- It is essential to take the utmost care in the execution of hyperlinks, taking into account the kind of information and to its high sensitivity for businesses of water sector.
- The data collection and hyperlinks should be maintained by specialized organization or institute, in order to ensure the quality and data security.

Part I: SIIF versus Article 11 of the INSPIRE directive



- “User Friendly” service in this framework is essential for the success.
- Both public and technical data should be provided taking into consideration the need and the ability to analyse the provided information by the user;
- Again EurEau recommended a special care in this matter.
- The very famous police story of Michael Connelly (Black Echo in English,) which related the real story of banks robbers who got access to the bank from the sewers...

Part II: the evolution and INSPIRE harmonisation of the urban waste water data model



- Data are not necessarily comparable everywhere because they are not always collected the same way, they represent different reality's and contexts.
- The important issue is to have common definitions and not to leave to much space to misinterpretation of results (for example 2 different indicators in 2 countries that have the same name);
- Data aggregation should be centralised and done with a lot of precaution;

Part II: the evolution and INSPIRE harmonisation of the urban waste water data model



- The new tables proposed by the INSPIRE are still under review and analyze by the EUREAU.
- Generally the new INSPIRE tables intended to cover sanitation and treatment systems, although special attention have to be taken on the collection of information and data.
- The collection of data and its subsequent analysis is key in the success of the initiative
- Even within the same organization it is important to have only one person responsible for the quality of the data, to reduce the risk of heterogeneity.

Part II: the evolution and INSPIRE harmonisation of the urban waste water data model



- EurEau II Commission could participate in the development of this thematic and IT issue;
- As mentioned before there are some important and specific data in wastewater sector that recommended special attention in the development and harmonisation model.

Part II: the evolution and INSPIRE harmonisation of the urban waste water data model



- An INSPIRE Urban waste water guidance document should be developed to have a common EU/national data approach.
- This document should recognize the specificities of the waste water system, of the region and even of each the country.
- Despite concerns associated with the development of the model, the waste water sector could be beneficial of such initiative.

Part II: the evolution and INSPIRE harmonisation of the urban waste water data model



- The development of a generic common INSPIRE urban waste water collection tool is essential to harmonized the data collection and definition.
- It will be useful the contribution of local authorities, governmental and non governmental entities, like EurEau II Commission.
- In Portugal CEAR from APDA can contribute through the technicians who have the knowledge of the specificities of the Portuguese reality.

Conclutions:



EurEau

- The INSPIRE genesis can be useful for waste water sector;
- However Waste Water data analysis must have a special attention, to not get wrong and misleading results;
- the influence of INSPIRE in the wastewater sector depends on how this sector is structured in each country, because the realities are totally different across Europe.



EurEau

**Rue du Luxembourg 47-51,
B-1050 Brussels, Belgium
Tel : +32 (0)2 706 40 80
Fax : +32 (0) 2 706 40 81
BE 0416.415.347
secretariat@eureau.org
www.eureau.org**

Thank you for your attention!

EurEau. Water matters.

www.EurEau.org

Portuguese contacts:

www.apda.pt

Pedro Béraud: p.beraud@adp.pt