INSPIRE conference
Thursday 19 June 2014
Aalborg

INSPIRE Planning and Decision Making

Improving Transparency by the Development of 'Structured Implementation and Information Frameworks (SIIFs)

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Directorate General for Environment
Unit C.2 - Marine Environment & Water Industry
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SIIF APPROACH and PRINCIPLES

The information
1 - Focus on compliance
2 - Be easy to access and focus on user's need
3 - Be up-to-date, accurate and comparable
4 - Be forward Looking

SIIF PROJECT 2014

The Process
5 - Decentralize, self-assess and qualify
6 - Share automatically
7 - Increase efficiency and reduce administrative burden
8 - Develop step-by-step

EU
EU website(s) and all other data and map viewers
EU DBs
Automatic exchange of data

National website(s), data and map viewers
National DBs
Creation of national UWWTD websites

MS
Different UWW data, working together

**DG-ENV/EEA/MS**
Environmental reporting
- e.g. reporting systems (and collection systems, treatment plants, EPETR data, etc.)

**EUROSTAT/DG-ENV/EEA/MS**
Socio-economic
- (incl. implementation plan, statistics, etc.)
- e.g. investment plan, construction timing, regional/national stats

**Core set: stable data**
(e.g. UWW treatment plant)

**DG-REGIO/MS**
EU funds

**DG ENV/EEA/MS**
Legal-juridical
(EU and national)

**OTHER PROVIDERS**
Technical UWW
(energy consumption, greenhouse emission, etc.)
SIIF and INSPIRE

**SIIF**

- **SIIF principles**
  - Focused on compliance
  - Be up to date, accurate and comparable
  - Be forward looking
  - Self assess and qualify
  - Developed step by step

- **Development of national and EU website(s) and IT tools**
  - QA/QC rules
  - Include other topics (regulation, statistics, reports, action plans ....)
  - Creation of hyperlinks to national data

**INSPIRE**

- **SIIF principles**
  - Be easy to access and focus on user's need
  - Decentralise
  - Share automatically
  - Increase efficiency and reduce administrative burden

- **Development of national and EU website(s) and IT tools**
  - Data and metadata transformation (articles 5-10)
  - discovery, view, download, transformation services (article 11)
  - 2015, 2017 and 2020 deadlines
Evolution of the EEA UWWTD map viewer

Old UWWTD map viewer before 2013
5 visitors per day


New EEA UWWTD map viewer
Jan 2014
Access to visualisation of compliance
Reporting data 2009 or 2010
Evolution of the EEA UWWTD map viewer
Next steps - End year 2014

http://eea.maps.arcgis.com/home/webmap/viewer.html?webmap=534fd3c43b9a4313b81f3ced82f185a4

1 - Addition of related layers (bathing, river quality,...) in the same map viewer
Example of operational national pilot website

<table>
<thead>
<tr>
<th>Name of the UWWTP</th>
<th>ID of the UWWTP</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description of the UW...</td>
<td>ID of the UW...</td>
<td>France</td>
</tr>
<tr>
<td>Id of the UW...</td>
<td>ID of the UW...</td>
<td>Germany</td>
</tr>
<tr>
<td>Key figures of the UWTP 2011 or 2012</td>
<td>Key figures of the UWTP 2011 or 2012</td>
<td>France</td>
</tr>
<tr>
<td>Key figures of the UWTP 2011 or 2012</td>
<td>Key figures of the UWTP 2011 or 2012</td>
<td>Germany</td>
</tr>
<tr>
<td>Forward looking report UWWTP (hypothetical specific table to be created)</td>
<td>Forward looking report UWWTP (hypothetical specific table to be created)</td>
<td>France</td>
</tr>
<tr>
<td>Forward looking report Agile (hypothetical specific table to be created)</td>
<td>Forward looking report Agile (hypothetical specific table to be created)</td>
<td>Germany</td>
</tr>
</tbody>
</table>

2 - Access to the whole content of the database by hyperlink from the pop-up window to an EU fiche

3 - Access to national detailed information (if existing) from a hyperlink in the pop-up window

2011 or 2012 reporting information
Evolution of the EEA UWWTD map viewer
Hyperlinks to give access to national detailed information

http://eea.maps.arcgis.com/home/webmap/viewer.html?webmap=534fd3c43b9a4313b81f3ced82f185a4
UWWTPs in FR & GR – hyperlink in pop-up windows layer

http://assainissement.developpement-durable.gouv.fr/

National French UWWTP fiche

National Greek UWWTP fiche

http://ypeka.plexscape.com/Services/Pages/Browse.aspx
The effects of SIIF compatible tools and websites

- SIIF concept has not only to do with data but also to give easy access to all kind of information (regulation, reports, action plans, existing website, specific tools...)

- SIIF allows to implement public access to environmental information directive, INSPIRE directive and the new decision regarding the General Union Environment Action Programme to 2020

- SIIF allows citizens, civil servants, researchers, companies... to increase their knowledge, better do their work, save time and money, increase the quality of our environment... It decreases administrative burden for them

- SIIF allows time saving for Member States and the Commission answering to public

- SIIF allows to have more accurate data

- SIIF increases the number of visitors of EU and national websites

Example of french Sanitation website : more than 500 visitors per day
The website is usefull for lots of experts (400 persons each day during the week) even for the general public (100 persons each day)
Thank you for your attention.