**SIIF's: the origin**

- Concept introduced in the 2012 *Implementation Communication* (COM(2012)95)
- Identified as an action to improve implementation of the environmental *acquis* in the 7th *Environmental Action Programme* (Decision No 1386/2013/EU, priority objective 4, action 65)
- DG ENV launched a pilot project for the UWWTD aiming to:
  - Provide a good understanding and define the SIIF concept (phase 1)
  - To elaborate an operational SIIF IT system together with a few MS (phase 2)
- SIIF pilot inspired by excellent FR government website (see next presentation)
SIIFs: overall aim

- Designed to improve implementation of environment legislation through better online information on how laws work in practice

- Helps national authorities, the Commission, the public and stakeholders:
  - To assess implementation based on accurate up to date data
  - To design and implement measures to fill compliance gaps
  - To provide accurate up to date info to the public on water services

SIIF APPROACH and PRINCIPLES

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

The Process

EU

- Automatically exchange of data
- 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
  5. Decentralize, self-assess and qualify
  6. Share automatically
  7. Increase efficiency and reduce administrative burden
  8. Develop step-by-step

- EU website(s) and all other data and map viewers

MS

- National website(s), data and map viewers
- Improvement of EU map viewer and website
- Sharing information EU-MS
- Creation of national UWWTD websites
Different UWW data, working together

**DG-ENV/EEA/MS**
- Environmental reporting
  - e.g. collection system (Art. 3) or treatment plant (Art. 4)

**EUROSTAT/DG-ENV/EEA/MS**
- Socio-economic
  - e.g. investment plan, construction timing, regional/national stats

Core set: stable data
- e.g. UWW treatment plant

**SIIF versus 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

**DG-REGIO/MS**
- EU funds

**OTHER PROVIDERS**
- Technical UWW (energy consumption, greenhouse gas emission...)

**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
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

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

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
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=534d5c43b9b313b91fcedd97f85e4
UWWTPs in FR & GR – hyperlink to pop-up database layer

National French UWWTP fiche

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

National Greek UWWTP fiche

http://ypeka.plexscape.com/Servcies/Pages/Browse.aspx

SIIF's: the pilot project

• Phase 1 (2013) with 4 pilot MS (CY, IE, LT, SI)
  – Define the SIIF concept in the context of the UWWTD
  – Analyse data flows, processing and dissemination in the pilot states and EC
  – Delineate the scope and best approach for the development of a national SIIF and EU SIIF + how to ensure interoperability

• Phase 2 (2014) with 3 pilot MS (CY, LT, SI)
  – Develop operational test SIIF IT systems in the 3 MS and EC (EEA database)
  – Finalize concept and consequences for reporting/further compliance for the UWWTD

• Phase 3 (2015 onwards): Promote the development of SIIF's to all MS
Thank you for your attention.