



Structured Implementation and Information Framework (SIIIF) the SIIIF concept

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**A concrete way of data/information management
to implement the "INSPIRE" and "public access to
environmental information" directives**

in order

**to improve the implementation and maintain the
compliance of an EU Environmental directive/policy**

and

**to contribute to green and blue growth and jobs
creation and the digital market**

- Concept introduced in the 2012 **Implementation Communication** (COM(2012)95)
- SIIIF pilot inspired by **FR waste water government website**
<http://assainissement.developpement-durable.gouv.fr/>
- 2013: **clarification of the concept**
- 2014: **development of the concept with 3 pilot MS** under the waste water policy (CY, LT and SI): development of a generic EU waste water website.
- June 2014: adoption of an **new article 17 template** under the **UWWTD (programme of implementation)**
- End 2014: **adaptation** of the concept **to the new Commission agenda** (new boost for jobs, growth and investment, connected digital market,...) and **to other environmental policies**
- 2015: **New SIIIF contract** to disseminate an improved version of the UWWTD SIIIF to three new MS RO, PL and HR.

May be implemented **step by step**

Improve the governance and the implementation of a policy

Improve the dissemination of information/data of a policy

Improve the process of information/data of a policy

Improve the organisation of information/data of a policy

Implementation of directives

INSPIRE

Public access environmental information

1. Work together. Focus on compliance, forward looking aspects, environmental pressure and quality, economic activities and jobs creation
 - Be up to date - Increase efficiency - Reduce administrative burden.



2. Focus on user's need - Ease the access and sharing - Be user-friendly to use



3. Be decentralised, self-assessed and qualified



4. Be accurate and comparable



New agenda of the Commission

Jobs and growth

Digital market

(2007/2/CE)

establishing an
Infrastructure for Spatial
Information in the European
Community

<http://inspire.ec.europa.eu/>

**EU/National/Region
al/local Data linked
to EU environmental
policies**

Art. 7 and 8 INSPIRE harmonisation of data

- Common framework for data per topic
- Creation of Relationships between data depending from several topics

**Those services have
to :**

- take into account relevant user requirements
- be easy to use
- available to the public
- Be accessible via the Internet...

Art. 11 implementation of services

- Discovery services
- View services
- Download services
- Transformation services
- Invoke services

**Development of guidance
with datasets and
datamodel to collect and
qualify data**

**Development of
EU/regional/national/local
website(s) and IT tools**



European
Commission

**EU/National/Regional/local
information and data linked to
EU environmental policies**



The 2003/4 Directive requires implementation of :

Active and systematic dissemination of information to the public (article 7) :

- World, EU, national, regional, local regulation.
- Policies, plans et programmes.
- Progress report.
- National or regional or local reports which include information on the quality of and the pressure on, the environment published each four years.
- Authorisations.
- Data derived from monitoring of activities affecting environment.

Information has to be accurate and comparable. (article 8)



**Development of
EU/regional/national/local
website(s) and IT tools**



**Those information have to be
available through:**

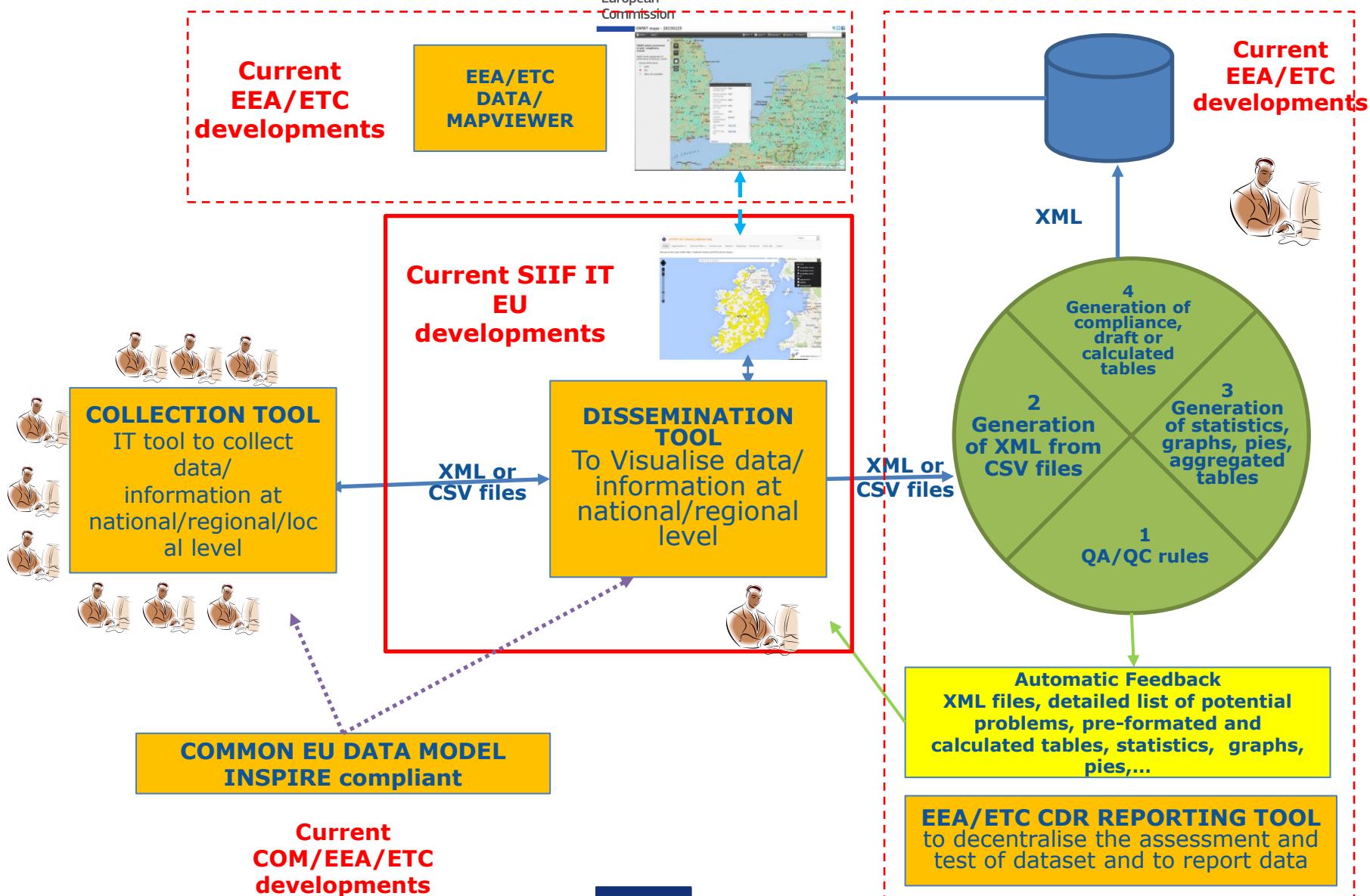
- Computer/electronic technologies,
- Electronic databases
- Public telecommunication networks

Example of the article 17 under UWWT D Implementation programme

New template adopted in a new implementing Decision in June 2014 ([link](#))

totally **linked to the jobs, growth and investment agenda**

- *Detailed information, costs and dates about works on collecting systems and treatment plants*
- *Information about investments and their evolution*
- *Other information about implementation of the waste water policy at national level*



Reduce administrative burden, human resources and costs at MS level

- Developed once under free software at EU level and regularly improved
- Avoid xx different IT developments for the same objective
- Automatic production of online reports which avoid production of written reports
- Reduce the need to elaborate written answers and different indicators and reporting
- Possibility to adapt the generic website to other policies

Increase efficiency at national and EU level for public and private sector

- Ease the access to raw and aggregated information
- Ease the convergence between different partners and policies
- More accurate and forward looking information available
- A Commission more proactive with MS and partners on the same policy

- **Development, maintenance and improvement of the IT systems at EU level.**
- **Establishment, updating, maintenance and translation of the generic website at MS level.**
- **Improvement of data collection at national level.**
- **After sale services to be proposed to the potential users of the IT tools.**



Main challenges

- Maintenance of the hyperlinks established between the different websites.
- Good coordination between policy and IT developments.
- Evolution of the waste water datamodel in a way to minimize perturbation to the existing national and EU IT systems.
- Development of a user-friendly INSPIRE guidance per policy?
- Need to automatize completely the reporting exchange of data or to follow the manual depository of XML file?



Thank you for your attention

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SIIF: the EU regulation links

This structured way has to **take into account the requirements of :**
two directives:

- 2003/4/EC - on public access to environmental information (Aarhus)
- 2007/2/CE - establishing an Infrastructure for Spatial Information in the European Community (INSPIRE)

One decision (7th EAP):

- Decision 1386/2013/EU on a General Union Environment Action Programme to 2020 "Living well, within the limits of our planet"

And the requirements of at least seven communications

SIIF: the EU regulation links

And **the requirements of seven communications :**

- [COM \(2007\) 502 - A Europe of Results – Applying Community Law](#)
- [COM \(2008\) 46 - Towards a Shared Environmental Information System \(SEIS\)](#)
- [COM \(2008\) 773 - on implementing European Community Environmental Law](#)
- [COM \(2010\) 2020 - A strategy for smart, sustainable and inclusive growth](#)
- [COM \(2012\) 95 - Improving the delivery of benefits from EU environment measures : building confidence through better knowledge and responsiveness](#)
- [COM \(2012\) 673 - A Blueprint to Safeguard Europe's Water Resources](#)
- [COM \(2013\) 685 - Regulatory Fitness and Performance \(REFIT\) : Results and Next Steps](#)