Summary of W5 SEIS/NESIS - ICT Components for SEIS around Europe

(http://www.e-envi2009.org/workshops)

The workshop was organised on March 26th, as a parallel session during the **eENVIRONMENT Conference** (Prague 25-27 march 2009)

Workshop outlines
NESIS (http://www.nesis.eu) is a Network promoted within the ICT-PSP program with the aim to promote the uptake of ICT solutions by public authorities in providing information for the monitoring and reporting of environmental impacts and threats. By supporting a shared vision towards an interoperable information infrastructure, the Network fosters the creation of the Shared Environmental Information System (SEIS) and a coherent frame for existing best practices.
The project partners have mapped the current status of ICT components that could contribute to the development of SEIS in their countries, with a good vision of diverse European situations, both in terms of geographical area and country size.

The workshop introduced the NESIS project and the preliminary results achieved so far:
- a survey of the status of environmental monitoring and reporting in the countries of the network partners,
- the individuation of good practices in IT solution in handling environmental data, as already collected by the partners into the "NESIS Good Practice Catalogue"

Moreover, three meaningful Good Practice examples were illustrated, dealing respectively with tools for supporting the SEIS implementation, Spatial Observation Services and Biodiversity and Species Observation, according to the following Workshop agenda:

- NESIS - A Network to enhance a European Environmental Shared and Interoperable Information System
- SEIS National State of Play: Methodology and first results
- Introduction to the Good Practice Inventory
- PortalU, a Tool to Support the Implementation of the Shared Environmental Information System (SEIS) in Germany
- SOSI Spatial Observation Services & Infrastructure
- Species Map and Species Observation
- Conclusions

The discussion about the preliminary results of the State of Play led to propose some priorities for the SEIS implementation, that have been adopted in the Memorandum of Understanding, as final resolution of the Conference:

1. Increasing usability of data sets and information through better documentation, harmonisation and interoperability;

2. Re-engineering data and information flows (to improve timeliness and ICT use for monitoring and reporting);

3. Establishment and support of sustained and stable data provision and network services for easier access to information; and

4. Automation of indicators and report creation

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