NESIS workshops
W5 SEIS/NESIS - ICT Components
for SEIS around Europe

Giorgio Saio - GISIG

Prague, March 26th, 2009
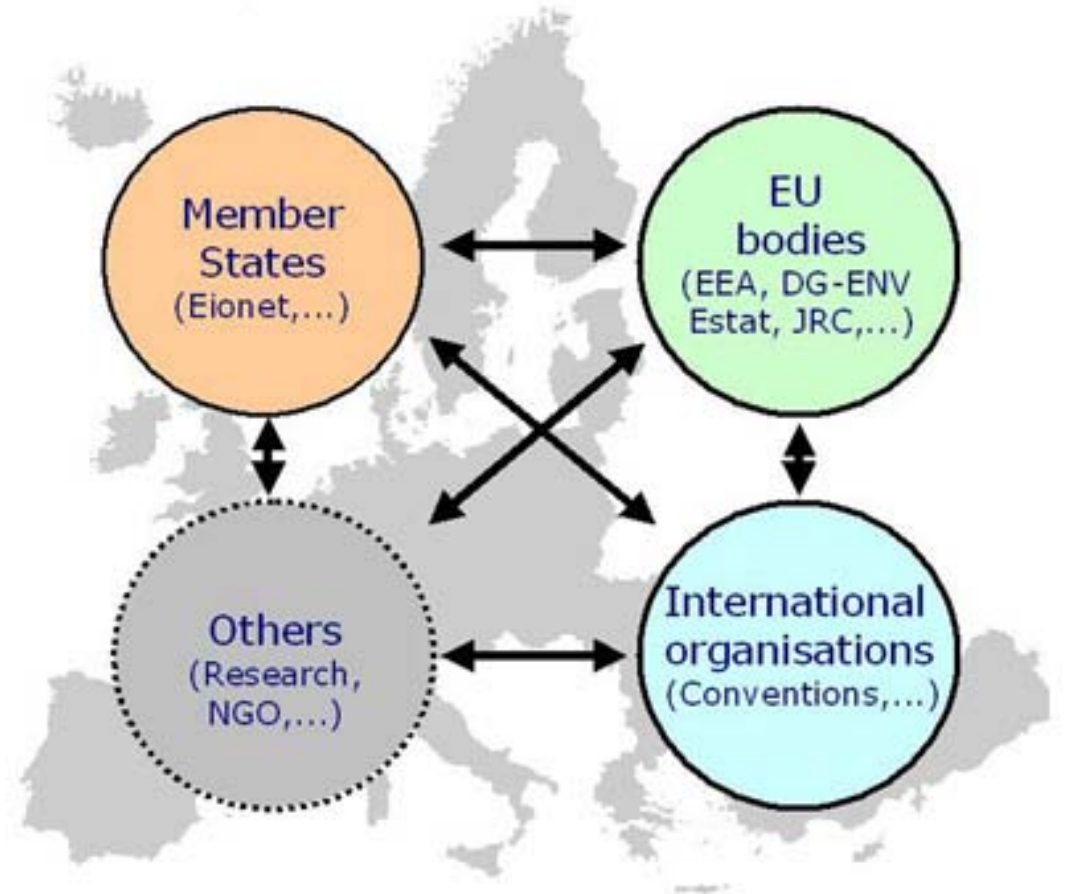
WORKSHOP Agenda

<u>*March 26th Afternoon (16:30 – 18:30)*</u> - NESIS workshops (Hall B)

W5 SEIS/NESIS - ICT Components for SEIS around Europe

- NESIS - a Network to enhance a European Environmental Shared and Interoperable Information System (**Giorgio Saio**)

- NESIS preliminary results about the analysis of the State of Art and of identification of good practices on management environmental information (**Danny Vandenbroucke**)

- Discussion

- PortalU®, a Tool to Support the Implementation of the Shared Environmental Information System (SEIS) in Germany (**Fred Kruse**, Stefani Uhrich, Martin Klenke, Christiane Giffei)

- SOSI Spatial Observation Services & Infrastructure (**Gerhard Triebnig**, Lubos Kucera, Stephan Meissl, Milan Novacek, Wolfgang Weghofer, Laszlo Zsidai)

- Species Map and Species Observation (**Rengifo Zenon Ortega**)

- **Discussion**
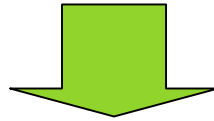
The NESIS context: SEIS

SEIS as a collaborative initiative of European and National bodies to establish an integrated and sustained information system for **sharing** environmental data

A system where the public authorities are the **providers** but also the main **end-users** and **beneficiaries**

(EEA source)

A contribution to SEIS

the Thematic Network NESIS
a Network to enhance a European Environmental
Shared and Interoperable Information System

Competitiveness and Innovation framework Programme (CIP)
Information and Communication Technologies (ICT) Policy Support
Programme (PSP)

Grant Agreement N° 225062
Duration: 30 months
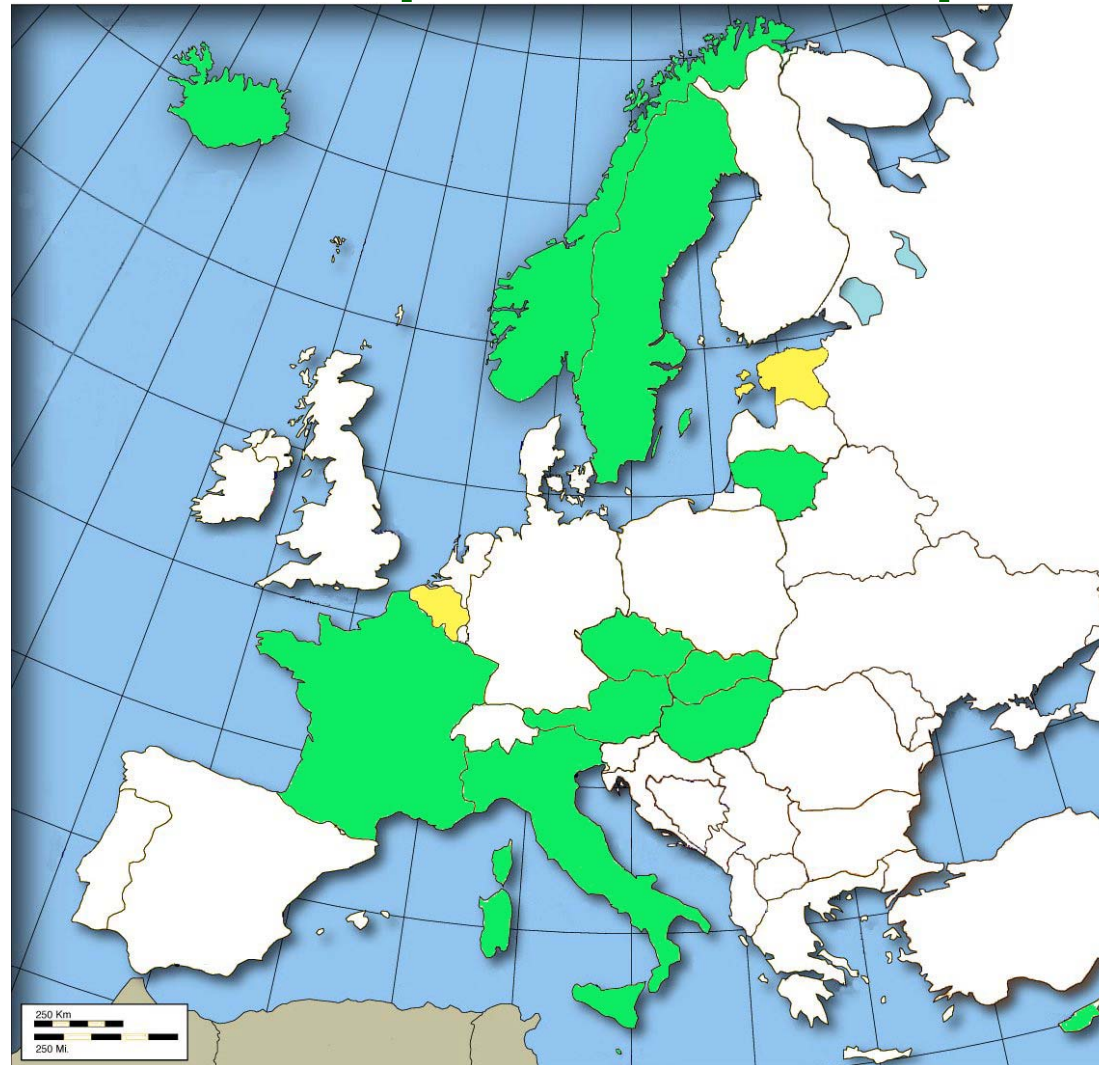
Starting date: 1st May 2008

1. Content

environmental data centres

Air | Climate Change | Land | Bioc... | Wat... | Soil | Fore... | Was... | Cher... | Nat... | ...

Data and Information

2. Infrastructure and tools

3. Organisation

(EEA source)

The initial partnership

- **16 partners**
- **14 Countries**
- **12 EIONET NFPs**

- **EEA & JRC in the Advisory Board**

- **GISIG – GIS International Group**
- **Katholieke Universiteit Leuven (BE)**
- **Czech Environmental Information Agency**
- **Slovak Environmental Agency**
- **Norwegian Pollution Control Authority**
- **Hungarian Ministry of Environment and Water**
- **ISPRA- Istituto Superiore per la Protezione e la Ricerca Ambientale**
- **Icelandic Environment and Food Agency**
- **Austrian Environment Agency**
- **Malta Environment and Planning Authority**
- **ICCOPS (IT)**
- **Institut Français de l'Environnement**
- **TietoEnator Eesti (EE)**
- **Swedish Environmental Protection Agency**
- **Cyprus Environment Service**
- **Environmental Protection Agency (LT)**

Networking

NESIS is a network open to:
- the EIONET Community
  - NFPs (EU27 + EFTA Countries)
  - NRCs National Reference Centres
  - ETCs European Topic Centres

→ Adhesion of the EIONET NFP for Poland, Polish Chief Inspectorate for Environmental Protection

- the Environmental data stakeholders at all the territorial levels:
  - public and private sector
  - Academy, NGOs, civil society …

NESIS Objectives versus Outcomes -1

- reports of the state-of-play in Environmental Information systems and services for monitoring and reporting
- collection and organisation of Good Practices
- communication forum for stakeholders in environmental data management

Objectives versus Outcomes -2

- a ICT roadmap for evolution towards a distributed, standards-based infrastructure for spatial and non-spatial environmental information based on the principles of shared access ⟶ SEIS

- promotion of a ICT Pilot initiative

- establishment of a NESIS INSPIRE SDIC

Workshop objectives

- **Presentation and discussion about the Preliminary results of the assessment of the status of environmental monitoring and reporting in the countries of the network partners**

- Introduction to Good practices in IT solution in handling environmental data, as already collected by the project partners into the NESIS Best Practice Catalogue

- Presentation of three Good Practices

- Contribution to the NESIS network