

## Plenary II: The Environment and E-government

# Implementation of INSPIRE at regional level: Regione Piemonte experience

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# A case study... Regione Piemonte

WHY?

Regione Piemonte plays the role of leader in the State/ Regions Environment Conference

- **echoes the difficulties** encountered by existing information systems at the local level in operative adoption of INSPIRE Implementing Rules
- **promotes specific actions and projects** at national and Community level, aimed to enhance INSPIRE implementation and to exploit the great potential of this Directive as a community governance support tool aimed to sustainable development

# Regione Piemonte -government & governance

## Public bodies have to govern

- environment and territory protection and management policies
- environmental assessments (EIA, SEA, AIA, AUA...)
- territorial transformations
- natural and technological risks prevention and management

## INSPIRE as a **governance tool** for public decision-makers and citizens **ONLY** if

- take into account the **interdependence** of the various components describing and characterizing environment and human activities
- allows an **integrated view** of available information pertaining to a given geographical area (each level, each provider)
- ensures great attention to **data quality level**, to prevent comparisons among not properly validated information

# Regione Piemonte -INSPIRE DATA

## Production

most of environmental and territorial data falling into INSPIRE scope are produced at **regional level**, also with support of local public or technical bodies such as regional agencies for the protection of the Environment

Annual

## Monitoring

- the richness and heterogeneity of produced and published information
- the need for harmonization and consistency between published datasets and services, especially for Annex III

Many Italian regions are activating **INSPIRE compliant geoportals** within their own SDI (Spatial Data Infrastructure), enhancing interoperability with other SDI at local and national level

# Regione Piemonte -INSPIRE activities

- institution of **Regional Contact Point**  
INSPIRE coordination between competent authorities for the production and publication of geographic data
- participation in the **TWGs** (Thematic Working Groups) for definition of INSPIRE data specification  
(for theme: Area Management and Production Facilities)
- active participation, alongside the Ministry of Environment, Land and Sea and ISPRA, to **production of sectoral technical standards** related to INSPIRE  
(Pilot Group for IPR Directives 2004/107/EC and 2008/50/EC reciprocal exchange of information and reporting on ambient air)

# Regione Piemonte –INSPIRE activities

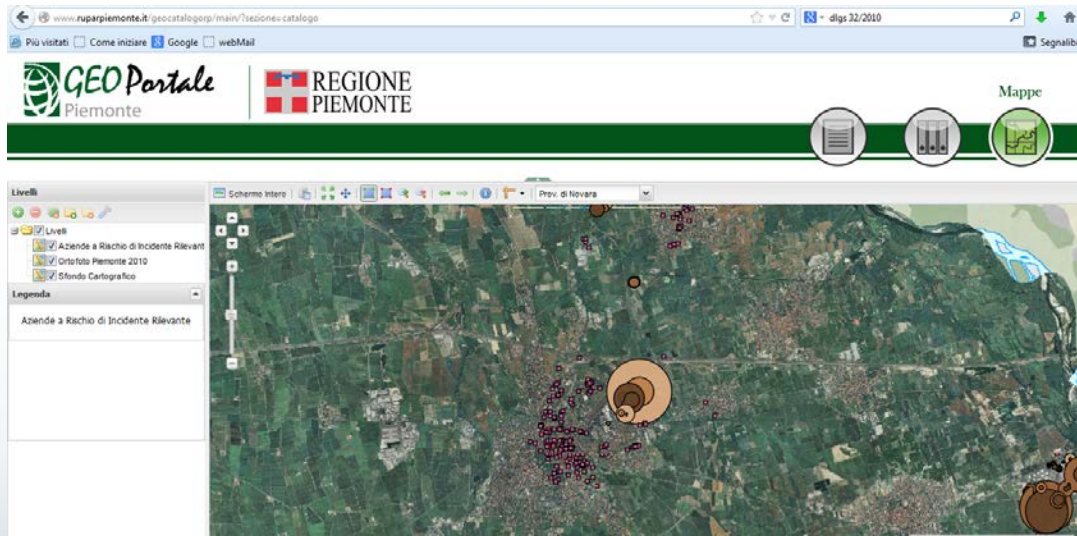
- invests resources to implement INSPIRE and SEIS principles, regarding **collection and production of validated and updated information**, avoiding duplication and diseconomies
- **adopts and experiments standards and protocols INSPIRE** also within **international projects** and over transboundary geographic areas, (Italy France: AERA, Italy Switzerland: DESTINATION and PTA)
- emphasizes technical **solutions sustainable over time**, even for the economics: geoportal is entirely developed with **open source** solutions
- implementation of a **regional geoportal** INSPIRE compliant
- promotes **cooperation** between competent authorities and geoportals **federation**

# Regione Piemonte –regional geoportal

[www.geoportale.piemonte.it](http://www.geoportale.piemonte.it)

- enable access to metadata and datasets concerning INSPIRE themes provided not only by Regione Piemonte but also **by other local public authorities**

- support the option of **using as a search channel** also typical classifications of environmental regulations and information Catalogues (as required by Directive 2003/4/EC on public access to environmental information)

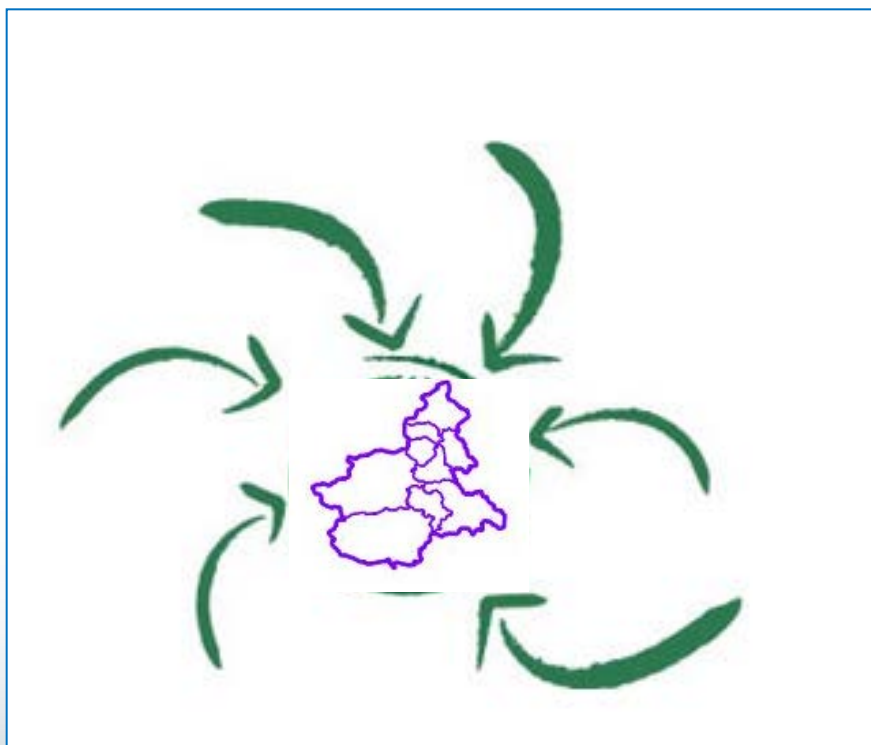


# Regione Piemonte –INSPIRE threats

- **lack of resources** to implement INSPIRE and SEIS principles
- **need for harmonization** and consistency between published datasets and services
- **in order to avoid overlaps and lack of consistency** continuing on the path opened by the SEIS (Shared Environmental Information System) Commission Communication in 2008 to **harmonize** INSPIRE and ENVIRONMENTAL INFORMATION both at **operational** and at **regulatory** level



# Thanks for the attention!



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