“Towards a Map of Open SDI/INSPIRE”
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The smeSpire experience

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Main project features

• It was an FP7 Support Action aiming to turn the challenges of the INSPIRE implementation into business opportunities for the geo-ICT European SMEs.
• It ran from May 2012 until the end of April 2014.
Geo-ICT SMEs: a new paradigm?

- 99.8% of enterprises are SMEs (20.7 M SMEs, 92.2% micro-enterprises)¹
- 67.4% of jobs in SMEs (87 M employees, 38 M in micro-enterprises)¹
- 58.1% of GVA by SMEs (3.588 B€, 1.307 B€ by micro-enterprises)¹

¹: from smeSpire “Report on the market potential for Geo-CIT SMEs in relation to INSPIRE” (> 4.000 downloads from www.smespire.eu)
Impact of INSPIRE on innovation

**Changes in total turnover in 2011 due to INSPIRE (average %)**

- INSPIRE already has a quite significant (43%) impact on companies’ turnover
- changes mainly related to introduction of new products and new services
Barriers to innovation

- Uncertain demand for innovative products or services: Average 31.3, High 35.2, Very high 9.6
- Market dominated by established enterprises: Average 24.9, High 28.8, Very high 18.5
- Difficulty in finding cooperation partners for innovation: Average 31.0, High 21.7, Very high 5.0
- Lack of information on technology: Average 20.3, High 10.3, Very high 2.5
- Lack of qualified personnel: Average 25.6, High 19.6, Very high 2.8
- Innovation costs too high: Average 35.9, High 23.1, Very high 5.7
- Lack of finance from sources outside your enterprise: Average 19.9, High 30.2, Very high 13.9
- Lack of funds within your enterprise or group: Average 23.1, High 27.8, Very high 13.2
13 Recommendations for changes in policy/approach

- Member States to overcome the barriers to data release. Availability of public sector data is seen as one of the biggest hindrances to development by Geo-ICT SMEs.
- Greater co-operation between public and private sectors needs to include development of better knowledge of INSPIRE requirements in public administration procurements.
- European Commission and Member States to jointly promote more involvement of Geo-ICT SMEs in EU funded projects: a key to the success of Horizon 2020 is to improve the image of European research projects and to increase awareness among SMEs.
- Future framework programmes for research and innovation (e.g. Horizon 2020) to stimulate fresh and innovative ‘small’ projects: to be really achievable for ‘micro’ and ‘small’ enterprises, SMEs need...
smeSpire study

The publication of a report containing an assessment of the market potential for geo-ICT SMEs in relation to INSPIRE. It is the first study about Geo-ICT private sector at European level, providing an in-depth analysis and comparison between private companies and how they relate to INSPIRE Directive and characterizing obstacles for Geo-ICT companies to enter this market, with focus on knowledge gaps and training needs.
smeSpire network

A database consisting of a public, searchable and structured repository of information on the characteristics, activities and competencies of Geo-ICT stakeholders in Europe. A set of functionalities implemented in a web application enable complex analyses, useful to extract real indicators and to map competences from Geo-ICT SMEs across Europe.
smeSpire network
smeSpire network composition in terms of typology of members

- SME: 461; 67%
- Research & Education: 52; 8%
- Public body: 54; 8%
- Individual professional: 76; 11%
- non-SME: 14; 2%
- LE: 12; 2%
- NGO, No profit organization: 14; 2%
Geographical distribution of the members of the smeSpire network
Open points

- Geospatial vs non-geospatial

Open Data Use Across Sectors

Open data's use spans all sectors of the economy. The Open Data Impact Map shows organizations utilizing this resource across 13 sectors. Each page below describes trends in use and the most used types of open data in each sector. Each page includes also use cases, a fact sheet and the data for the sector. The sectors with the most number of organizations are IT and geospatial, governance, and business, research and consulting.

http://www.opendataimpactmap.org
Open points

• How to measure the 4 key dimensions of Open SDIs?
  • readiness
  • data availability and accessibility
  • use of spatial data
  • associated benefits

• At what extent INSPIRE can contribute, not only to measure them but also to increase them?

• At what extent innovative collaborative frameworks can contribute to increase them:
  • PPPs? But are they really open to SMEs?
  • PCP & PPI? Are there gaps in implementations?
Open points

Guidebook Series: How to support SME Policy from Structural Funds

Public Procurement as a Driver of Innovation in SMEs and Public Services

Open points

Workshop on Tuesday morning at 9 am Room A

GeoICT SMEs as key-players in the INSPIRE driven innovation: the role of the smeSpire network
Next steps

- Cooperation with the TU Delft initiative?
  - updating the smeSpire study?
  - exploiting the smeSpire best practice catalogue?
  - Enhancing the smeSpire database?
  - …
Thank you!

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