

smeSpire Challenge

INSPIRE Conference 2014, Aalborg, Denmark, 16-20 June



The INSPIRE Directive (2007/2/EC) establishes an Infrastructure for Spatial Information in Europe to support Community environmental policies, and policies or activities which may have an impact on the environment.

The smeSpire project, "A European Community of SMEs built on Environmental Digital Content and Languages" is an FP7 Support Action for Small and Medium Enterprises, driven by a consortium of key players from 12 different Member States. The purpose is to encourage and enable the participation of SMEs in the mechanisms of harmonizing and making large-scale environmental content available which requires specific skill sets seldom found in public authorities.

In this context, the SmeSpire Consortium in collaboration with SUNSHINE, i-Scope, C-Space and eENVplus projects is proud to launch the first SmeSpire Challenge initiative to stimulate new business ideas originating from the INSPIRE implementation process having geo-ICT SMEs as key players.

Applicants are welcome to choose any track and topic that captures their creativity, vision and exploit their SME talents.

Topics

- Building 3D Digital Cities
- Creating and maintaining databases of metadata for urban environment objects
- SDI to better manage large cities
- Private/public energy consumption optimization
- Urban resource management and optimization
- Urban pollution detection and management
- Automatic large-scale assessment and monitoring of building energy performances
- Other application domain related to INSPIRE data themes

Track 1 – Best Practices for INSPIRE

Best Practices related to the use of open source software for dataset harmonisation according to INSPIRE Annex I-II-III themes data specifications, submitted in the form of: detailed documents, detailed tutorials, multimedia material or other material (i.e. websites).

Track 2 – Open Source software for INSPIRE

Open source software computing specific results from inputs provided by one or more INSPIRE-harmonised datasets belonging to the Annex I-II-III themes.

Software can be related but not limited to:

- Innovative geo-visualisation tools
- Simulation applications
- Data harmonisation tools
- Smartphone/mobile tools
- Other types of INSPIRE supporting software



smeSpire Project – www.smespire.eu

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Guidelines

The challenge is open to both registered (members of the smeSpire Network) and not registered SME as well as to students, research centres, public bodies and single professionals, which could apply for one or more tracks with different products/solutions.

Challenge winners will be presented during the next **INSPIRE Conference** in Aalborg Denmark, 16-20 June 2014. Interested organisations can apply for one or both tracks by subscribing to the challenge at the following link:

www.smespire.eu

Important Dates

- 31 March: Challenge Subscription
- 15 April: Best Practice / Software submission
- 30 April: SmeSpire evaluation results
- 16-20 June: Awards Ceremony

Evaluation

Projects evaluation may vary between tracks but will be based on the following aspect:

- Complexity of the problem undertaken
- Execution (ease of installation, efficiency, speed)
- Interface quality (intuitiveness, efficiency)
- Documentation level (i.e. sufficient, non-verbose, etc.)

- Coordination with the target community
- System architecture (i.e. modular components, etc.) for software and overall structure quality for a best practices
- A 'reusability' bonus is available for software supporting INSPIRE with other activities, (wider promotion possible through the ISA Program's ARE3NA)

Scientific Evaluation Committee

- Giacomo Martirano, Epsilon Italia, Italy
- Massimo Craglia, European Commission-JRC
- Piergiorgio Cipriano, smeSpire, ex JRC, Italy
- Giorgio Saio, GISIG, Italy
- Raffaele De Amicis, Fondazione Graphitech, Italy
- Umberto Di Staso, Fondazione Graphitech, Italy
- Daniele Magliocchetti, Fondazione Graphitech, Italy
- Federico Prandi, Fondazione Graphitech, Italy
- Diego Taglioni, Informatica Trentina Spa, Italy
- Danny Vandenbroucke, KU Leuven, Belgium
- Martin Ford, GiStandards, UK
- Robin S. Smith, European Commission-JRC

Winners

Winners will be notified by email and news on the smeSpire site. An award will be assigned for each track.



Organization and Secretariat

challenge@smespire.eu

