

ESPRESSO

Bart De Lathouwer
ESPRESSO coordinator
OGC Europe



Intro

The way we live, work, use energy, transportation and other city resource and services will change significantly, because of a range of innovative “Smart City” solutions.



Image: https://eu-smartcities.eu/about/european_context



Intro

Innovative “Smart City” solutions will be based on sophisticated information and communication services!



Image: https://eu-smartcities.eu/about/european_context



Intro

Sophisticated information and communication services require a systematic approach to interoperate, using standards.



Image: https://eu-smartcities.eu/about/european_context



ESPRESSO

ESPRESSO will develop a
“Conceptual Smart City Information Framework”

The framework will be developed, based on a detailed requirements-engineering campaign with Cities, standardisation organisations, administrative bodies, private industry and projects.



ESPRESSO

ESPRESSO will develop a
“Conceptual Smart City Information Framework”

The project will identify open standards matching the various requirements and will identify a baseline for interoperability between sectorial data sources and the Smart City platform.



ESPRESSO

ESPRESSO will develop a
“Conceptual Smart City Information Framework”

Engagement with stakeholders: Smart Cities, ESO, NSB, SDO,
public admins, industries, SME and projects.



Image: <http://www.psimagazine.co.uk>

So what, why me?

ESPRESSO approach emphasizes:

- Cost reduction
- Open market for many players
- Avoiding lock-in to proprietary solutions

European Smart City solutions that adopt these prescripts will be raised to the forefront worldwide.



Engaging with Stakeholders

SmaCStaK

- Identify
- Engage
 - Learn from each other
 - Bring your requirements to ESO, NSB, SDO!
 - Link on <http://espresso-project.eu>







This project has received funding from the European Union's Horizon 2020 programme for research, technological development and demonstration under grant agreement No 691720



Conclusion

- Innovative “Smart City” solutions will be based on sophisticated information and communication services and require systematic approach to interoperate, using standards.
- ESPRESSO gathers requirements, identify which standards are used, expressed in a Conceptual Smart City Information Framework.
- We need your input!
 - <http://espresso-project.eu>



Questions.

Bart De Lathouwer

ESPRESSO project coordinator

OGC Europe

bdelathouwer@opengeospatial.org

<https://www.linkedin.com/groups/7034635>

