

Project title: Uptake of Open Geographic Information Through Innovative Services Based on Linked Data  
Project acronym: SDI4Apps  
Project reference: 621129  
Funded under: The Information and Communication Technologies Policy Support Programme  
Call: CIP-ICT-PSP-2013-7  
Objective: 2.2a Open Data experimentation and innovation building on geographic information  
Total budget: EUR 4,070 m  
EU contribution: EUR 2.035 m  
Duration: 01/04/2014 - 31/03/2017  
Coordinator: University of West Bohemia in Pilsen, Czech Republic  
Website: <http://sdi4apps.eu/>

## KEYWORDS

geographic information, linked open data, INSPIRE, GEOSS, Copernicus, easy data access, tourism, sensors, land use, education, ecosystem services evaluation, application programming interface, app developers

## OBJECTIVES

The potential of geographic information (GI) collected by various actors ranging from public administration to voluntary initiatives of citizens is not fully exploited. The advancements of ICT technologies and shift towards Linked Open Data give floor to innovation based on reuse of geographic information. The main objectives of SDI4Apps are to:

- Integrate a new generation of spatial data infrastructure (SDI) based on user participation and social validation.
- Support easy discovery and accessibility of spatial data for everybody.
- Link spatial and non-spatial data using the Linked Open Data principles.
- Support multilingualism of spatial data.
- Build scalable cloud based infrastructure for support of SDI initiatives and location based services (LBS).
- Integrate in-situ measurements and Earth observation data.
- Design open application programming interface (API) supporting integration of spatial data and LBS into applications Developed and deployed by non-GI developers.
- Integrate a demonstration set of pilot applications.
- Test new approaches for data sharing by users through pilot applications.
- Attract external developers (mainly from SMEs, students and researchers) to test the newly integrated platform.
- Organise contests for application developers supporting wider use of GI data.
- Build a sustainable business model for a cloud based SDI.

## PARTNERS

Asplan Viak Internet as (NO)	RTD Talos Limited (CY)
Baltic Open Solutions Center (LV)	Scuola Superiore Sant'Anna (IT)
Czech Centre for Science and Society (CZ)	Slovak Environmental Agency (SK)
e-Pro Group as (SK)	Strategie Strutturali di Antonio Paterno' & c. sas (IT)
European Regional Framework for Co-operation (GR)	The National Microelectronics Applications Centre Ltd (IE)
Help service remote sensing s.r.o. (CZ)	Uhlava (CZ)
Hyperborea S.r.l. (IT)	University of West Bohemia in Pilsen (CZ)
Masaryk University (CZ)	Vidzeme Planning Region (LV)
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