

## Il progetto e i Partner di i-SCOPE

- The i-SCOPE project started on the 15th of January 2012 and will last 42 months, with a **budget of more than 4 millions euro**.
- The Consortium is made by **20 European partners**, among which research centres, universities, industries, and local Public Administrations.
- i-SCOPE is **coordinated by Fondazione GraphiTech** (Raffaele De Amicis - coordinator@iscopeproject.net)
- The Italian partners are: Informatica Trentina S.p.A. (Valentina Ferrari - valentina.ferrari@infotn.it), Regione Lazio and Sinergis.
- The European partners are: EPSILON International, SA (Greece), Geofoto d.o.o. (Croatia), EvroGeomatika Ltd. (Serbia), Vrije Universiteit Brussels (Belgium), M.O.S.S. computer Grafik Systeme GmbH (Germany), GISTANDARDS (United Kingdom), S.C. INDECO SOFT S.R.L. (Romania), Cadzow Communications Consulting Ltd. (United Kingdom), GeoSYS (Malta), Ordnance Survey (United Kingdom), Indjija Municipality (Serbia), Baia Mare Municipality (Romania), Zadar County (Croatia), City of Zagreb (Croatia), City of Wien (Austria), City of Newcastle (United Kingdom).

- **Associated partner:** Trentino Network Srl



## Contacts



### Project Funding

CIP / ICT PSP of the European Commission

Open Innovation for Internet-enabled Services in Smart Cities

Duration: 42 months



### Project Coordinator

Dr. Raffaele De Amicis

Fondazione GraphiTech,  
Director  
Via alla Cascata, 56/C  
38123 Trento – Italy

Office: +39 0461 283395  
Fax: +39 0461 283398  
Mobile: +39 331 610 45 69



### More Information

coordinator@iscopeproject.net

www.graphitech.it

www.iscopeproject.net



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# i-SCOPE

## Interoperable Smart City services through an Open Platform for urban Ecosystems

[www.iscopeproject.net](http://www.iscopeproject.net)

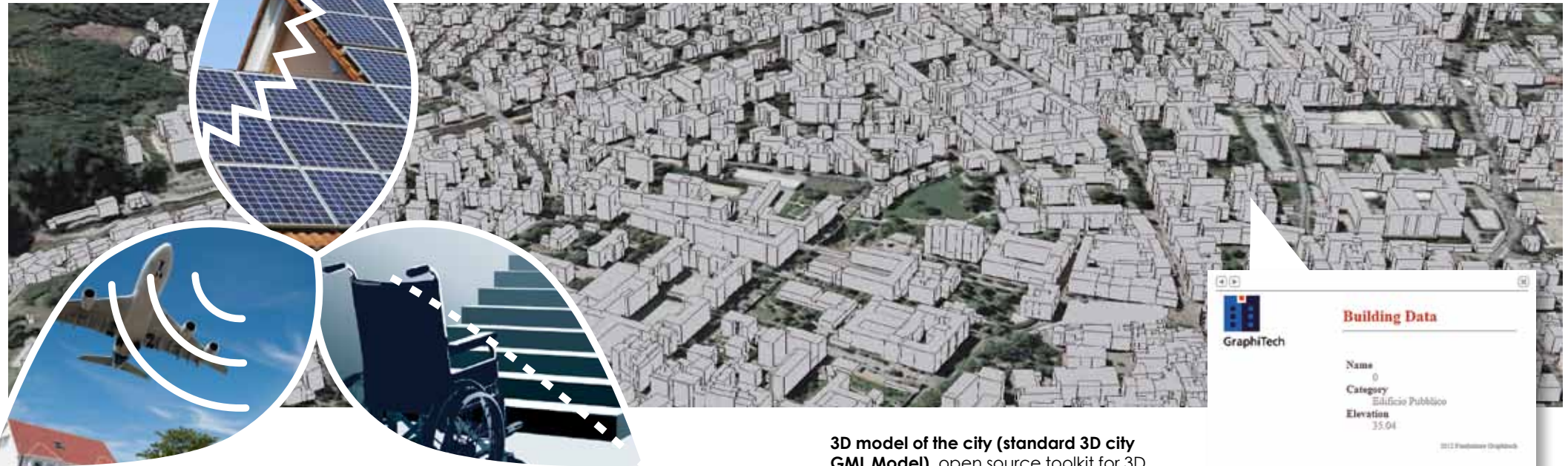


# i-SCOPE Smart Services

## Objectives

Based on interoperable 3D UIMs, i-SCOPE project will deliver an open platform on top of which it develops, within different domains, **three smart city services**. These services will be addressed to:

**Optimization of energy consumption** through a service for accurate assessment of solar energy potential at building level.



**Environmental monitoring, through a real-time environmental noise mapping service, leveraging citizen's involvement**, who act as distributed sensors citywide measuring noise levels through their mobile phones.

**Improved inclusion and personal mobility of aging and diversely able citizens** through an accurate city-level disable-friendly personal routing service.

## Expected Impacts

- Manage the human landscapes as an integrated and interconnected combination of information flows;
- Smart system of the city services through an integrated approach;
- Improve the services' quality, letting them be near the citizens and needs;
- Smart and people-oriented cities;
- Observance of sustainability standards (environmental, social, and economic);
- Active participation of citizens (crowdsourcing approach).

**3D model of the city (standard 3D city GML Model)**, open source toolkit for 3D smart city services based on 3D Urban Information Models (UIM), created from accurate urban-scale geospatial information



The model gives information on **characteristics and building information** such as street number, purpose of use, energetic certification, etc.)

