



INVITALIA

Infratel Italia SpA



VIRGO REGISTRY

VIRGO Presentation

VIRGO: i partner

- Infratel Italia S.p.A.
- Ericsson Telecomunicazioni
- Italdata S.p.A.
- AEMCOM S.r.l.
- Regione Lombardia
- Municipality of Brasov
- Intergraph Romania
- EDP DISTRIBUICAO ENERGIA SA
- Portgás – Soc. de Produção e Distribuição de Gás, S.A.
- Camara Municipal do Porto
- Paris - Lodron - Universitat Salzburg
- Tudor



Mission

The **objective of the VIRGO project** is the realization of a virtual registry of infrastructure on cloud, in several European countries to be adopted throughout Europe. The under – above – on-ground infrastructure will be realized through standardized system for all users and for all countries in Europe in order to store and manage data in a unique European manner.

The project intends to develop procedures for preparation of maps and regulatory provisions, in order to create a registry on cloud of the networks of the infrastructures and related services.

The registry will also be **realized in several EU pilot areas**, characterized by high density of heterogeneous infrastructure and by factors that may be representative and compared to different types of areas Union: Italy, Portugal and Rumania characterized by the number of utilities registered (Energy: electricity / gas, telecommunication). Therefore the pilots will have the following characteristics: geographical coverage, mono or pluriutilities and type of utilities included.



Project objective

The main outputs and results of the project will therefore be:

- 1) an overall knowledge on how infrastructures are managed and the overview of the relative legislation in each European countries;
- 2) an harmonized structure for a European virtual registry on cloud;
- 3) guidelines to the various private and public stakeholders on how to implement a local /Regional / National European virtual registry on cloud (addressing the private company owner of the infrastructure as well as the governmental institute responsible of the national infrastructures);
- 4) white book for National / European legal framework to make the European virtual registry on cloud compulsory in all countries;
- 5) Implementation of virtual registry on cloud in 3 European countries (**Italy, Rumania, Portugal**) through pilot project;
- 6) Defined and tested structure for a European virtual registry on cloud to be adopted in all European countries.



Expected impact

The impact of VIRGO by the end of the project, i.e. **36 months** after the start of the project, will be:

- increased usage of cloud computing by public services;
- more agile, trusted and transparent administrative services;
- increased new services offered using public information and services;
- increased use of innovative architectures;
- establishment of common strategies, methodologies, standards and certification for delivering user-driven, innovative cloud-based services through "open" platforms;
- improved capabilities for ICT companies and SMEs towards developing, validating and scaling-up new services.

