Pilot: County of Pamplona

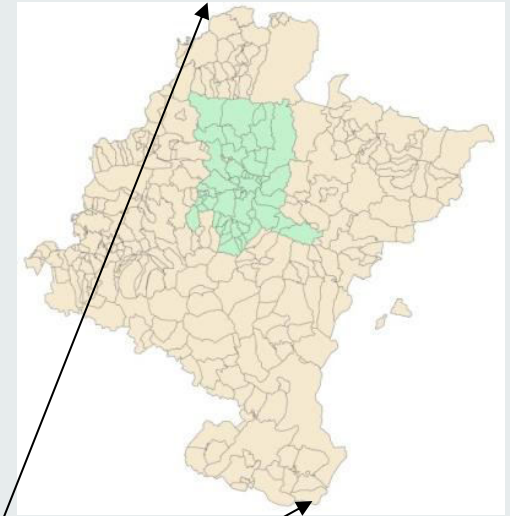## Underground scenario

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County of Pamplona

General Information

- Population: 358.557 inhabitants, 197.604 in the city of Pamplona (01/01/2012)

- Surface:1.305,7 km^2 (25,1 km^2 city of Pamplona)

- Urban and geographic characterization:

    50 municipalities of Navarra (Spain), including Pamplona.

County of Pamplona

- Federation of Local Councils manages the services related to
  - Water management
    (40 municipalities)
  - Waste management
    (48 municipalities)
  - Urban Transport management
    (18 municipalities)
  - Taxi Service management
    (19 municipalities)
  - River Park management
    (8 municipalities)

Supporting partners

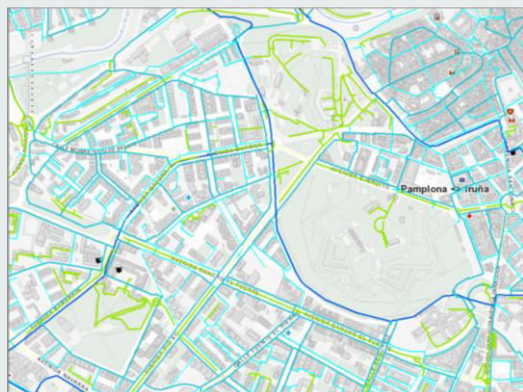| Town Council of Pamplona	Federation of local Councils	SITNA
Ayuntamiento de Pamplona Iruñeko Udala	Mancomunidad Comarca de Pamplona Iruñerriko Mankomunitatea	sitna Sistema de Información Territorial de Navarra
• Smart Cities	• Scenario	• Open Data

Aim of the pilot

➢integration of **real-time data** showing the capabilities of GIS systems to manage, to monitor and to exploit real-time information

➢Upgrading and integration of other underground utility networks to show the **benefits of data interoperability**.

Specific Data sources

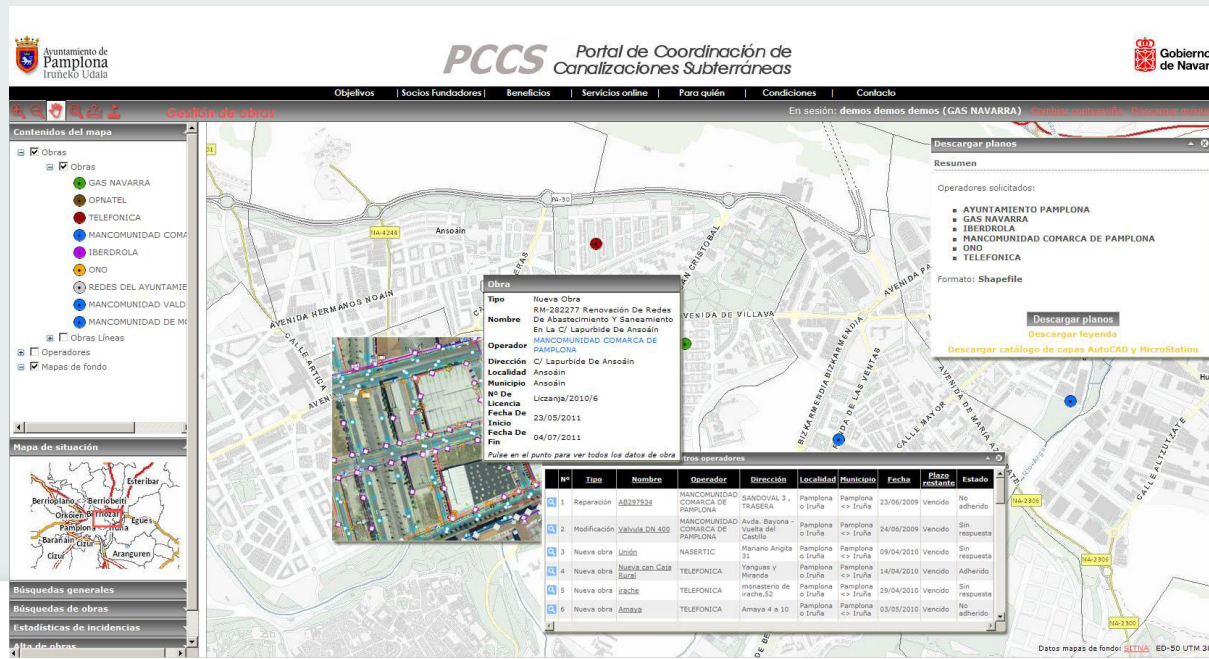| Content	Metadata	IPR Open data	INSPIRE Data Theme
Water Supply network	26 layers Public metadata http://idena.navarra.es	Open data (CC-by 3.0)	III.6. Utility and governmental services
Sewerage network	22 layers public metadata http://idena.navarra.es	Open data (CC-by 3.0)	III.6. Utility and governmental services

Previous experiences

GeoSaS

- To solve problems in integral water cycle management.

- Currently running but lacking of real time data.

PCCS

- To coordinate underground infrastructure maintenance activities.

- Benefits for the citizens, and public administration and utility companies in Public-private partnership, but it is a close and proprietary solution

Exploitation

Provision of the services will be focus on:

- Identifying new potential users to which existing solutions and new services can be offered

- Increasing Services license for existing users of current applications

Main clients

- Public Administrations
- Utility companies.

Pilot exploitation

- Providing **market - ready solution** to clients interested in the complete **water management** solution
- Reinforcing the market position by including **new data** and **reuse** existing **open data**.

THANK YOU

FOR YOUR ATTENTION

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