OPEN DATA & OPEN KNOWLEDGE Workshop

WISETOWN: Smart City Solutions

TeamDev Ecosystem
Dr. Luciano Concezzi, PhD
Building the Future

1. Improve the work of the Public Administration
2. Make cities more sustainable
3. Engage the citizens
1. Data Silos

2. Unclear and not integrated operational flows of the different urban services

3. Lack of objective criteria in strategic decisions
WiseTown

- A **cloud service**, accessible to every European city
- Designed for Municipalities and their **Decision Makers**
- Get useful insights based on **georeferenced & satellite data**
- Make the **right decision** while facing the city issues
Environmental Analysis and Monitoring: Water Quality, Air Quality, Temperature, Urban Green Areas and Climate Change

Decision Support System (DSS) to support citizen: - urban planning  
- heat islands

City Monitoring: impoverished neighborhoods, vulnerable populations, security, etc.
Driving Innovation

- EU Standard Compliance
- Interoperable System
- Smart Data Models
- Modular Infrastructure
Decision Support System - Infrastructure

GeoAnalytics (Digital Twin) + Civic e Thematic Dashboard®

- Population
- Green Areas
- Air Quality
- Climate (heat islands)
- (…)

WiseTown Starter Kit
How It Works

1. Data Integration
2. Analysis & Visualization
3. AI-supported data processing
4. Monitoring
Indexes & AI

- Youth
- Tourism
- Green Areas (NDVI)
- Social Economy
- Quality of Life
- Population
- Pollution
- Land Consumption
- Air Quality
- Security
- Urbanization
Thematic Dashboard®

Georeferenced system for high-level monitoring of the city.

Georeferenced visualizations:
- Urban Building
- Green Areas
- Pollution
- Quality of Life
- Mobility
- ........
Issue Manager®

- Harmonization of operational flows
- Operator Management
- Citizens Engagement
- Operational Task Assignment
WiseTown Situation Room®

WiseTown Situation Room is the administrator-run control room for real time monitoring of the city.

- Data Collection
- Social networks monitor
- Real Time Analysis
WiseTown Crowd Planning is the technology that supports participatory development.

- Sharing Urban Projects
- Collecting Feedback
- Sharing Policy
By creating WiseTown platform, we have taken on the responsibility of building more welcoming, livable and sustainable cities for a better tomorrow.
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