

# OPEN DATA & OPEN KNOWLEDGE Workshop

---

## WISETOWN: Smart City Solutions

TeamDev Ecosystem  
Dr. Luciano Concezzi, PhD





# wisetown

power to city data



•vision

# Building the Future

**1**

Improve the work of the  
**Public Administration**

**2**

Make cities more **sustainable**

**3**

Engage the **citizens**



•problems

**1**

Data Silos

**2**

Unclear and not integrated operational flows of the different urban services

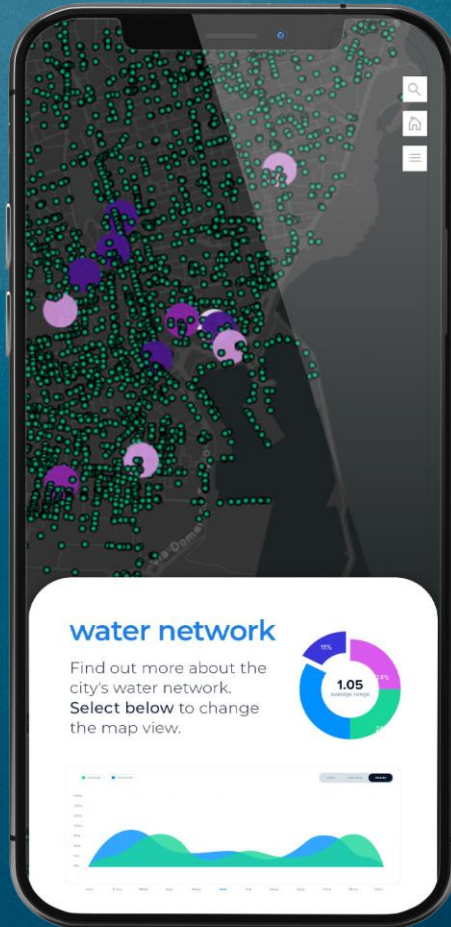
**3**

Lack of objective criteria in strategic decisions



•solution

# 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





# Solutions for sustainable cities

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.





.mission

# Driving Innovation



EU Standard Compliance



Interoperable System



Smart Data Models



Modular Infrastructure

Powered by  
 FIWARE



.DSS

# Decision Support System – Infrastructure

WiseTown Starter Kit

GeoAnalytics  
(Digital Twin)



+

Civice Thematic Dashboard®

Population

Green  
Areas

Air Quality

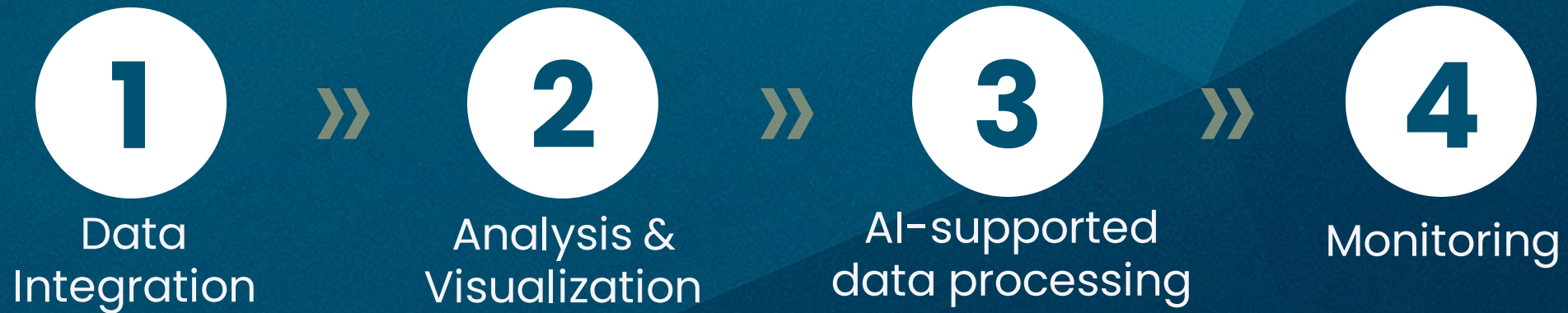
Climate  
(heat Islands)

(...)



.operation

## How It Works





•data integration

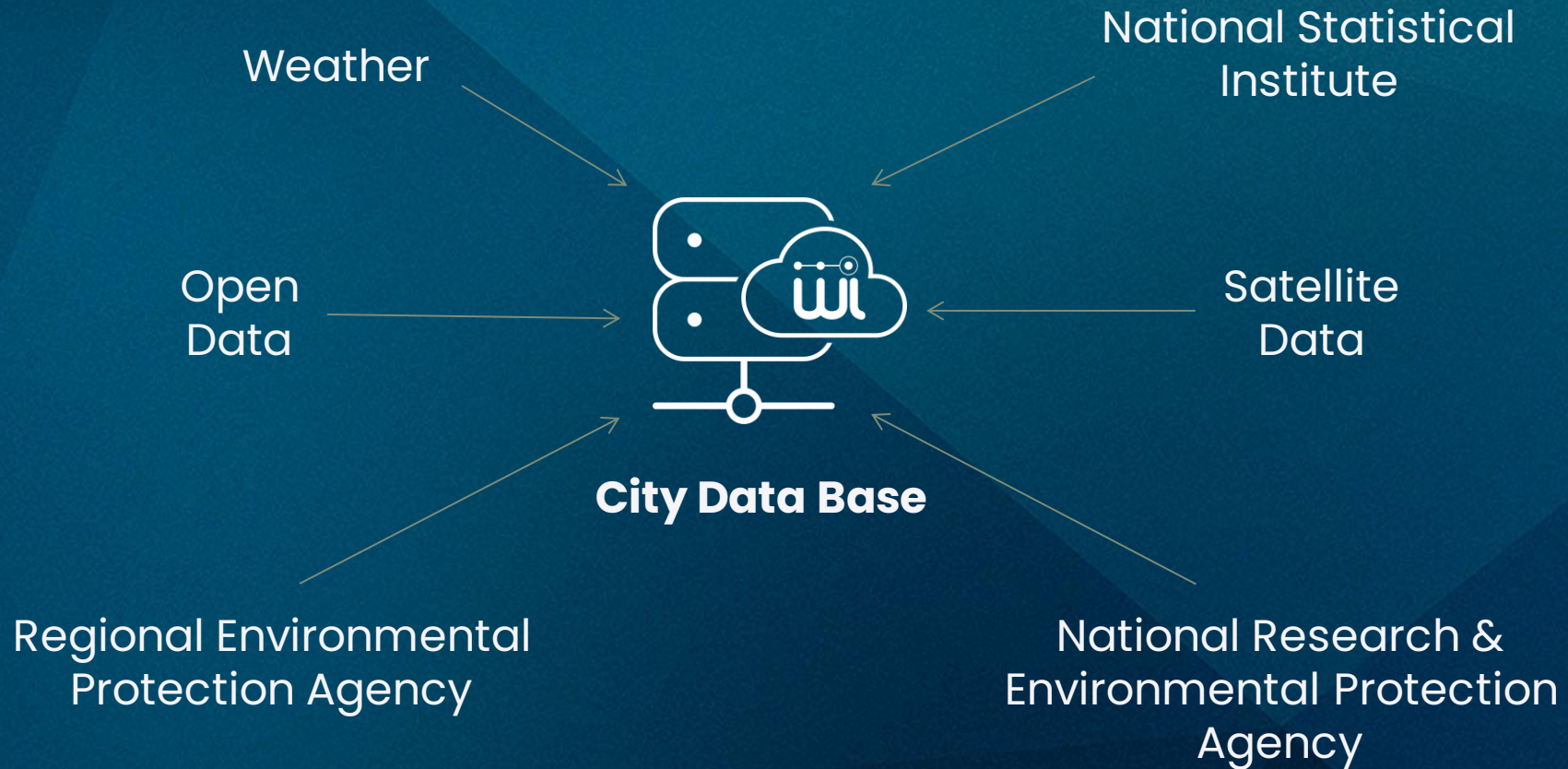
# City DataBase





•data integration

# WiseTown Core DB

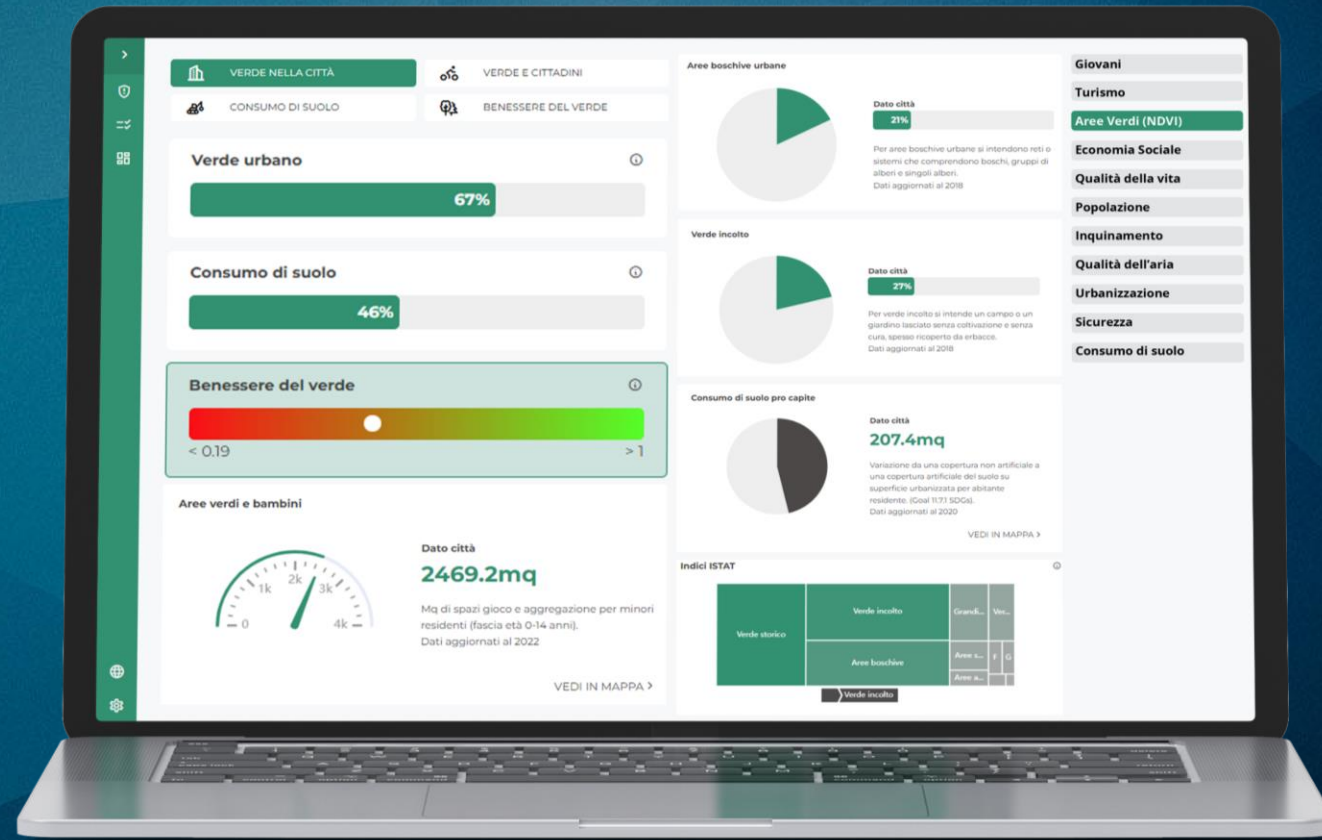




analysis & visualization

# Indexes & AI

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





.monitoring

# Thematic Dashboard®



Georeferenced system for high-level monitoring of the city.

Georeferenced visualizations:

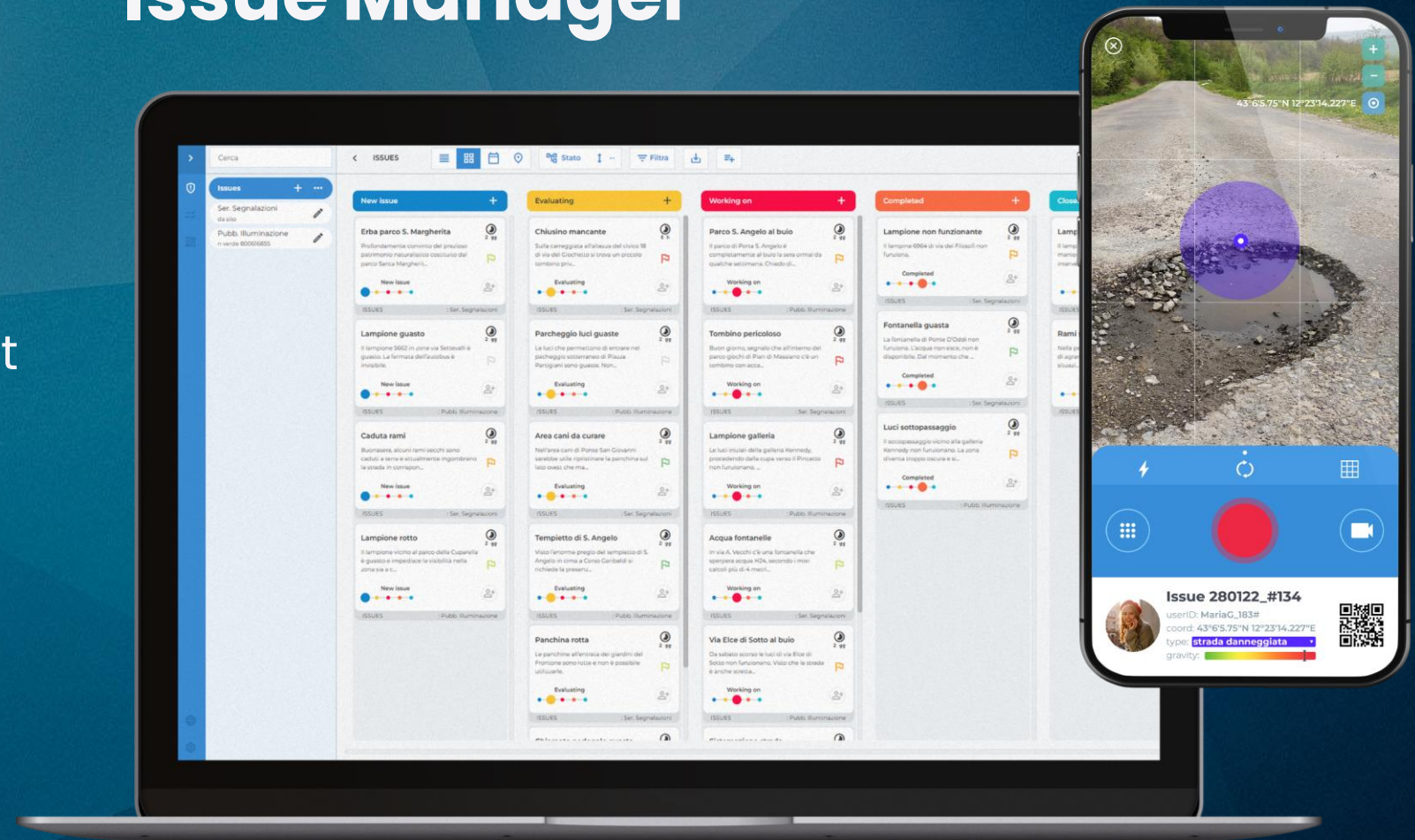
- Urban Building
- Green Areas
- Pollution
- Quality of Life
- Mobility
- .....



reporting management

# Issue Manager<sup>®</sup>

- Harmonization of operational flows
- Operator Management
- Citizens Engagement
- Operational Task Assignment





•control & manage

# Situation Room<sup>®</sup>

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

- **Data Collection**
- **Social networks monitor**
- **Real Time Analysis**



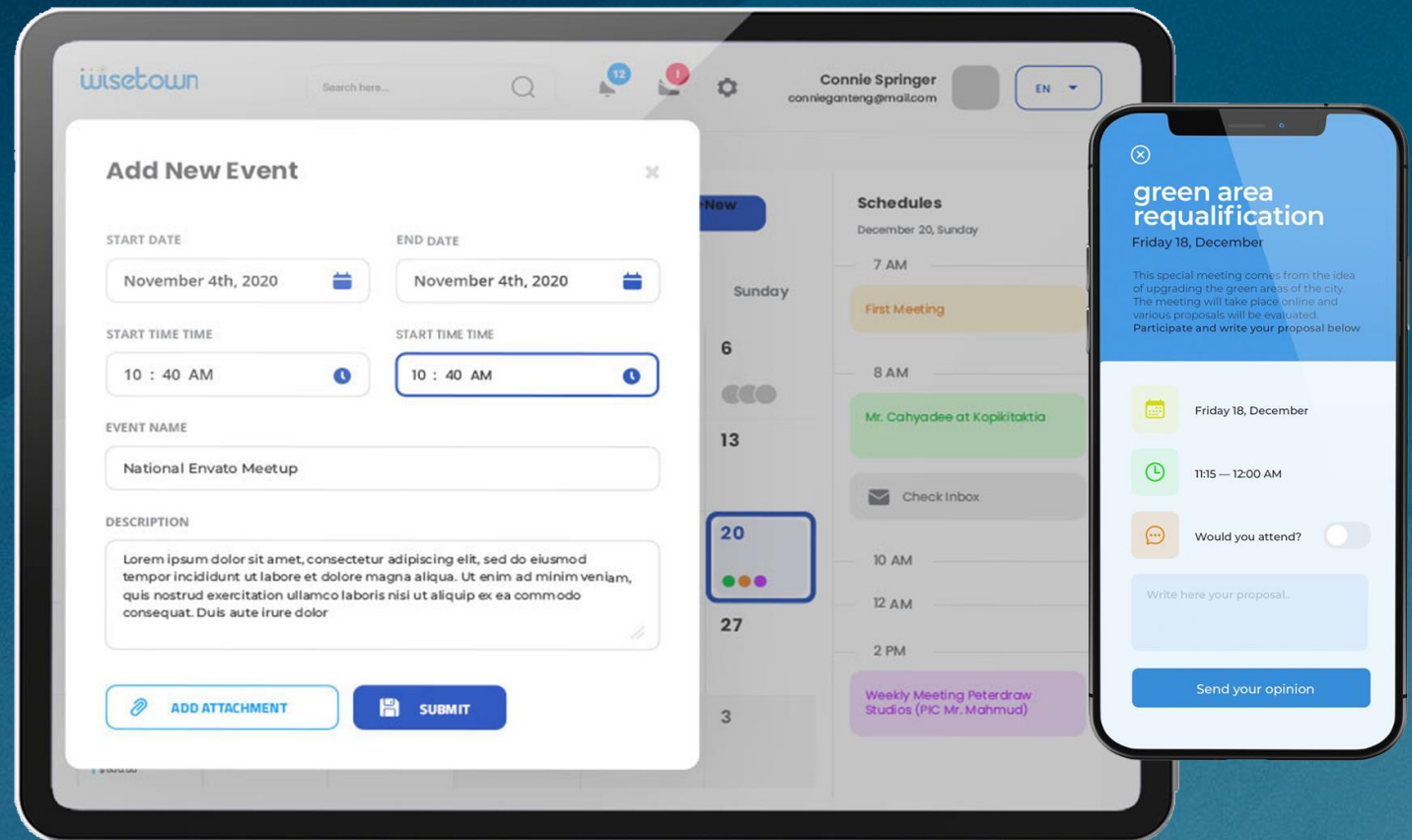


• participatory planning

# Crowd Planning®

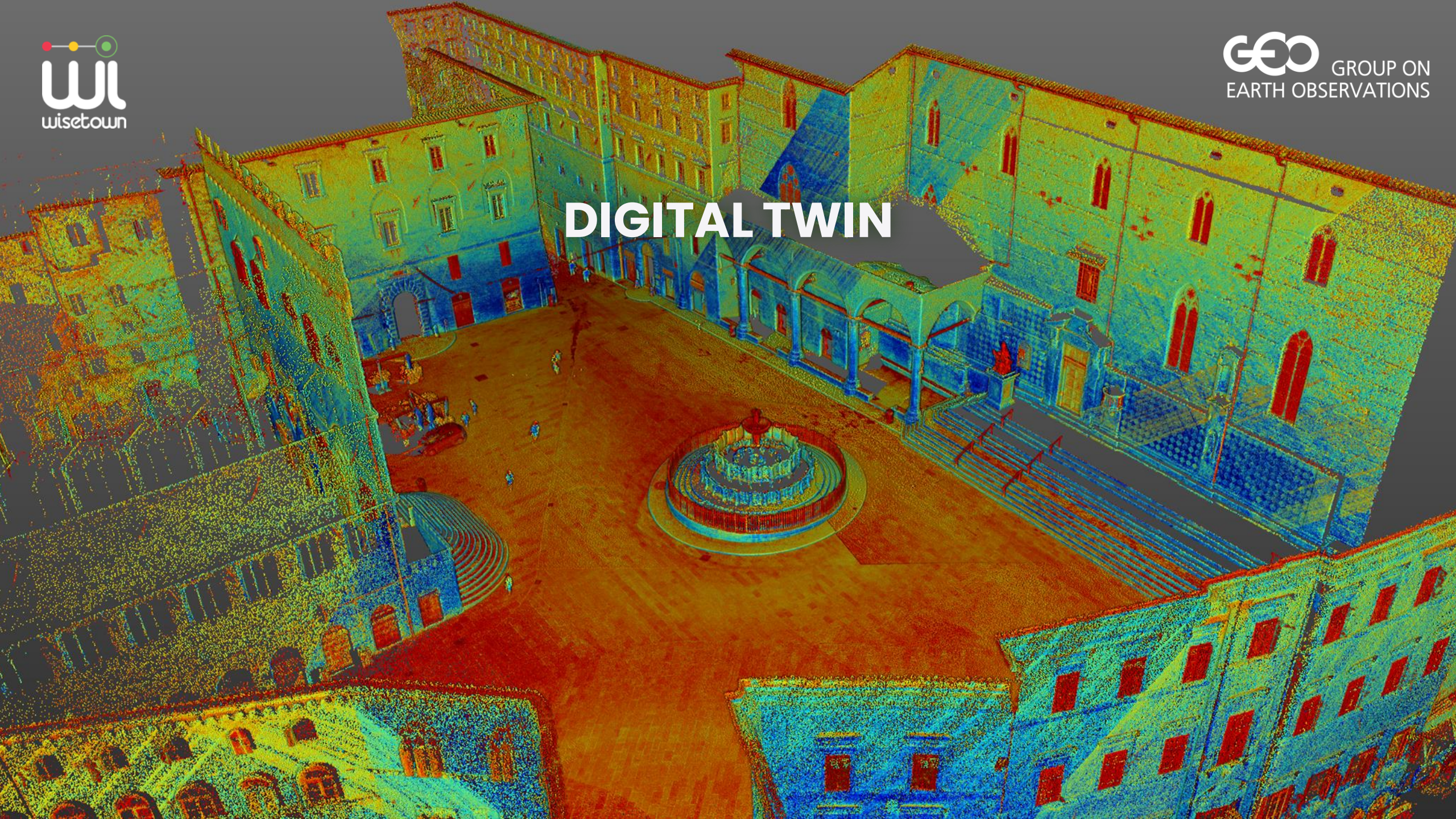
WiseTown Crowd Planning is the technology that supports **participatory development**

- Sharing Urban Projects
- Collecting Feedback
- Sharing Policy





# DIGITAL TWIN





.conclusion

““ By creating WiseTown platform, we have taken on the responsibility of building more welcoming, livable and sustainable cities for a better tomorrow. ””







# CONTACT DETAILS



EMAIL ADDRESS

[l.concezzi@teamdev.it](mailto:l.concezzi@teamdev.it)

[discover@wise.town](mailto:discover@wise.town)



PHONE NUMBER

Office +39 075 972 4382

Mobile +39 330 238030



**wise.town**

