

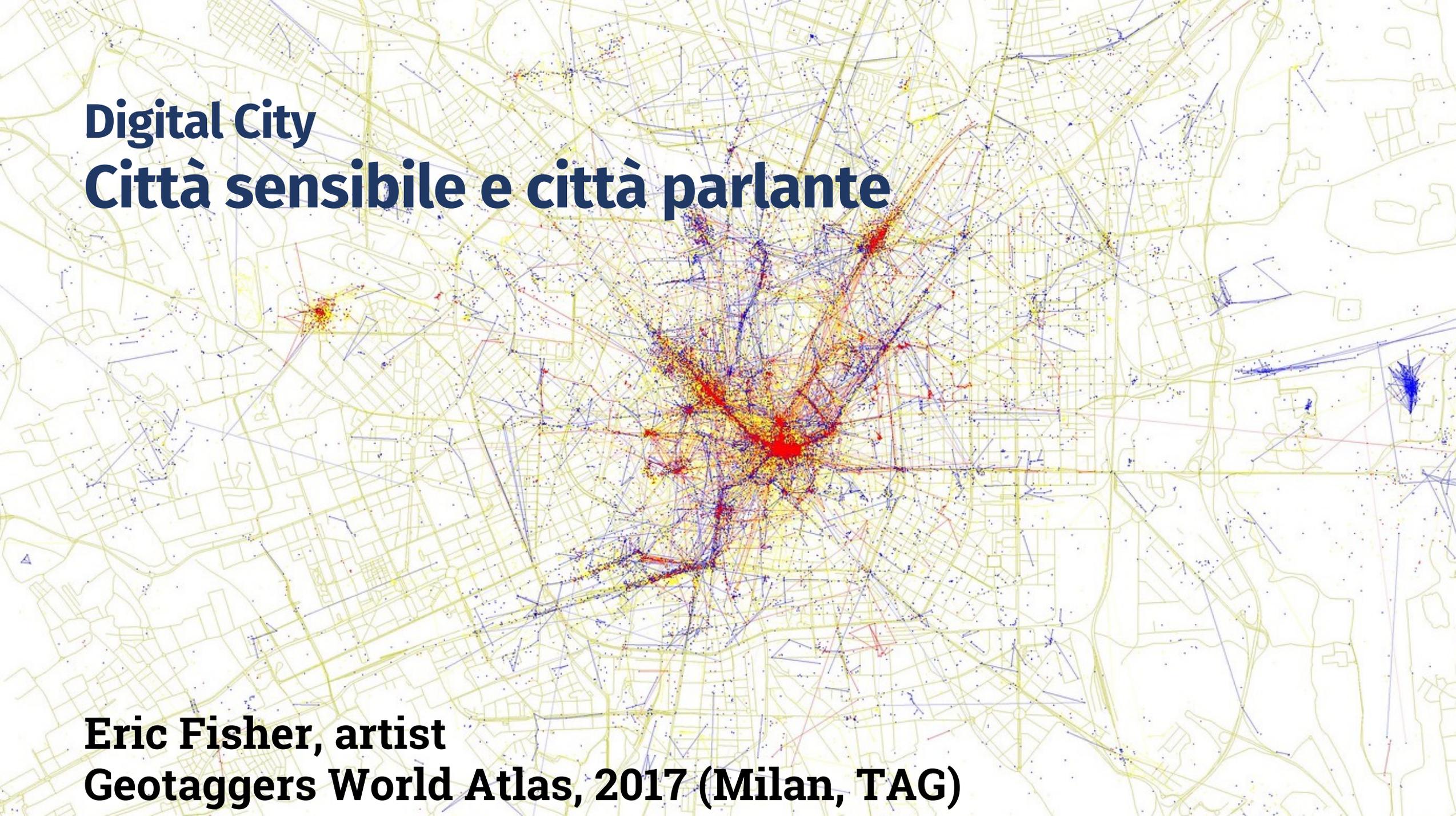


Un supporto alle politiche locali per il contrasto alle disuguaglianze nelle aree sub comunali. La Dashboard Seagul.

**Monica Bruzzone, Architetto e titolare di Assegno di ricerca
UniGe | DIEC**

LA DIGITAL CITY. (CITTÀ SENSIBILE E CITTÀ PARLANTE)

Digital City
Città sensibile e città parlante

The image features a complex digital network overlaid on a traditional street map of Milan. The network consists of numerous thin lines in shades of blue and red, with a prominent, dense cluster of red lines in the city's center. The background is a light yellow street grid. The overall effect is a visualization of digital connectivity within a physical urban space.

Eric Fisher, artist
Geotaggers World Atlas, 2017 (Milan, TAG)

Digital City

Progettare la città digitale

**ARCHITETTURA
DEGLI URBAN DATA**

**DIGITAL
CITY**

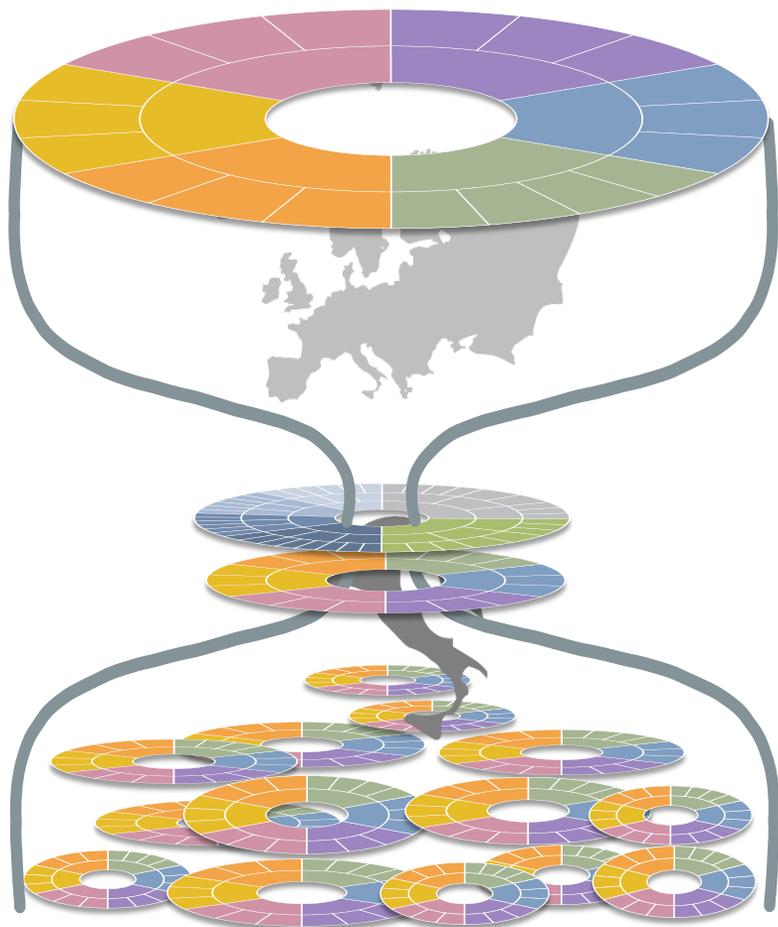


**ARCHITETTURA
DELLA CITTA'**



Una prospettiva multilivello

Misurare e monitorare la Digital City



UniGe | DIEC



EUROPEAN UNION
EU policy.



ITALIA
Politiche nazionali



REGIONE – NUTS 2
Norme e politiche regionali

CITTA' METROPOLITANA



COMUNE
Politiche e azioni locali





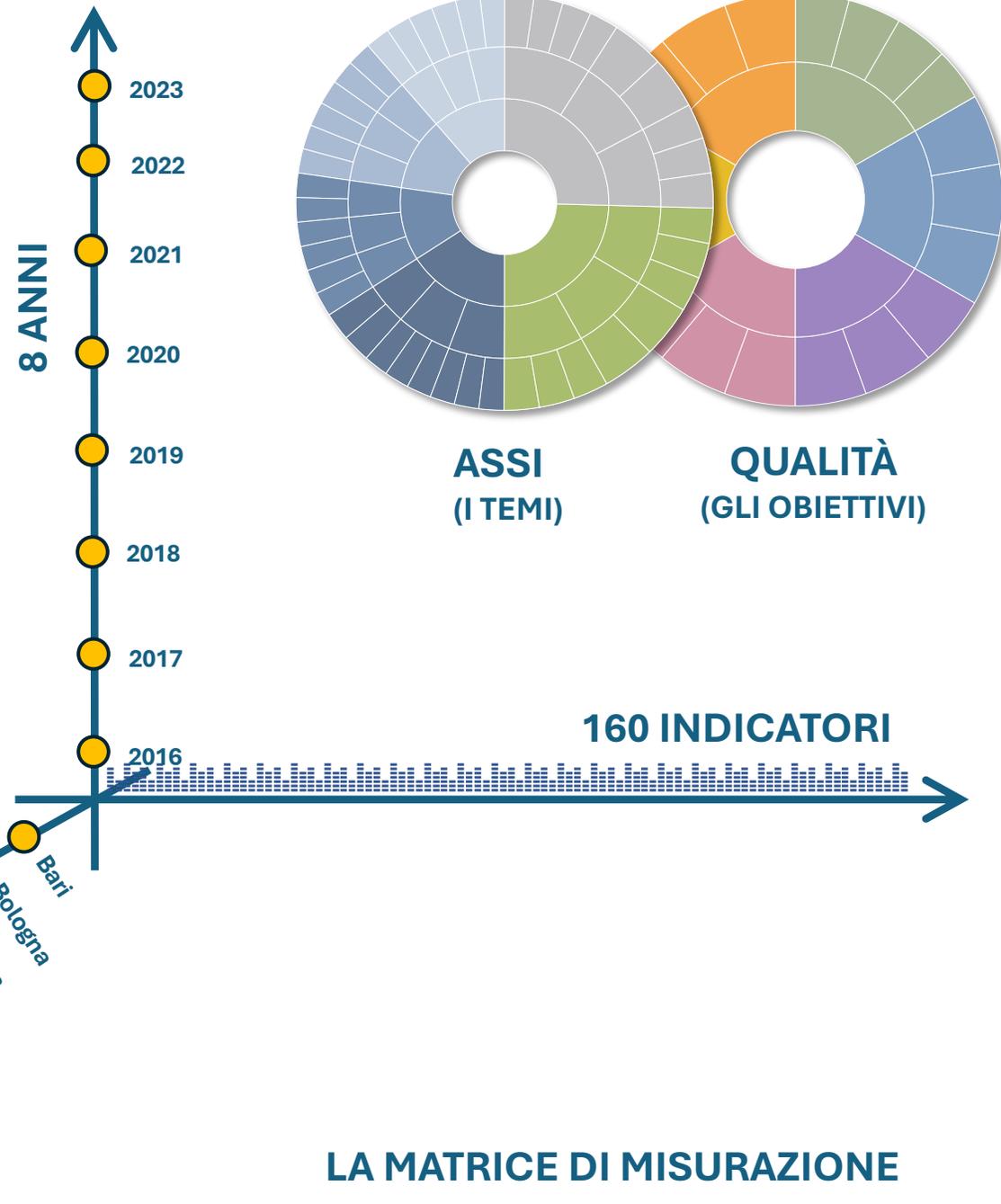
Università
di Genova

DIEC DIPARTIMENTO
DI ECONOMIA

LE DIMENSIONI DEI DATI PER MISURARE DELLA CITTÀ. IL CASO DI GENOVA

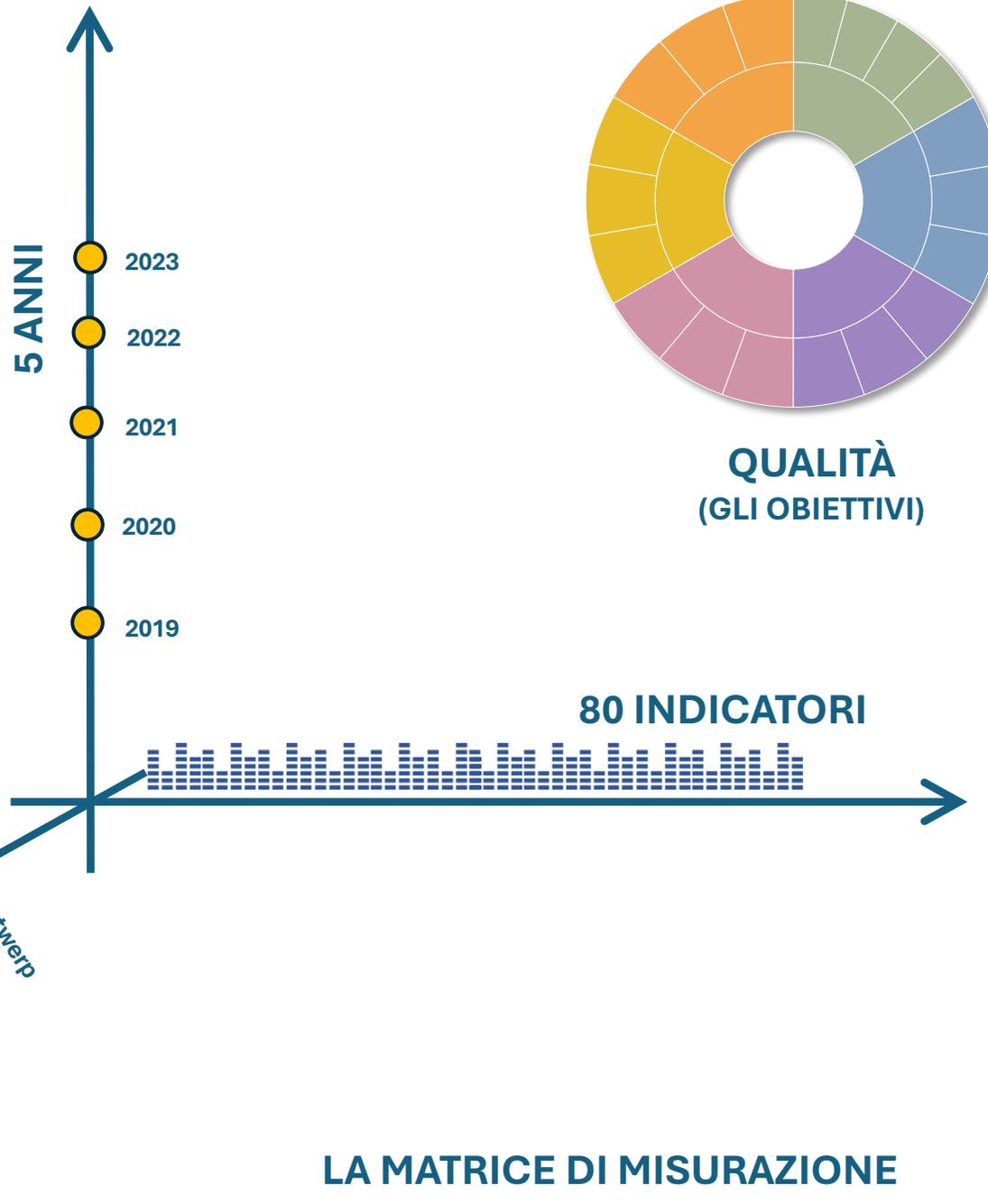
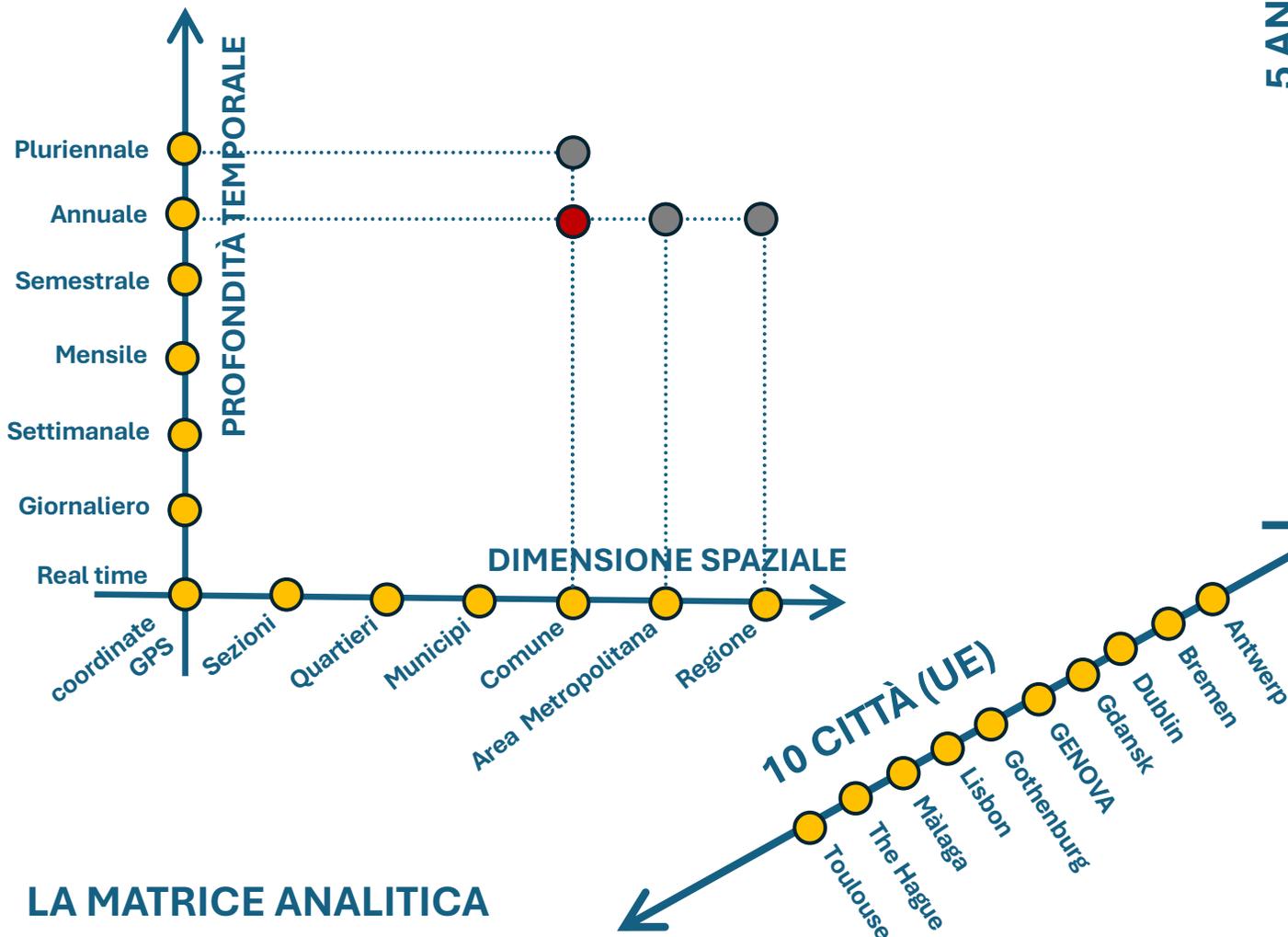
Il confronto italiano

GENOVA SI MISURA CON LE 12 CITTÀ ITALIANE
CON OLTRE 250.000 ABITANTI



Il confronto europeo

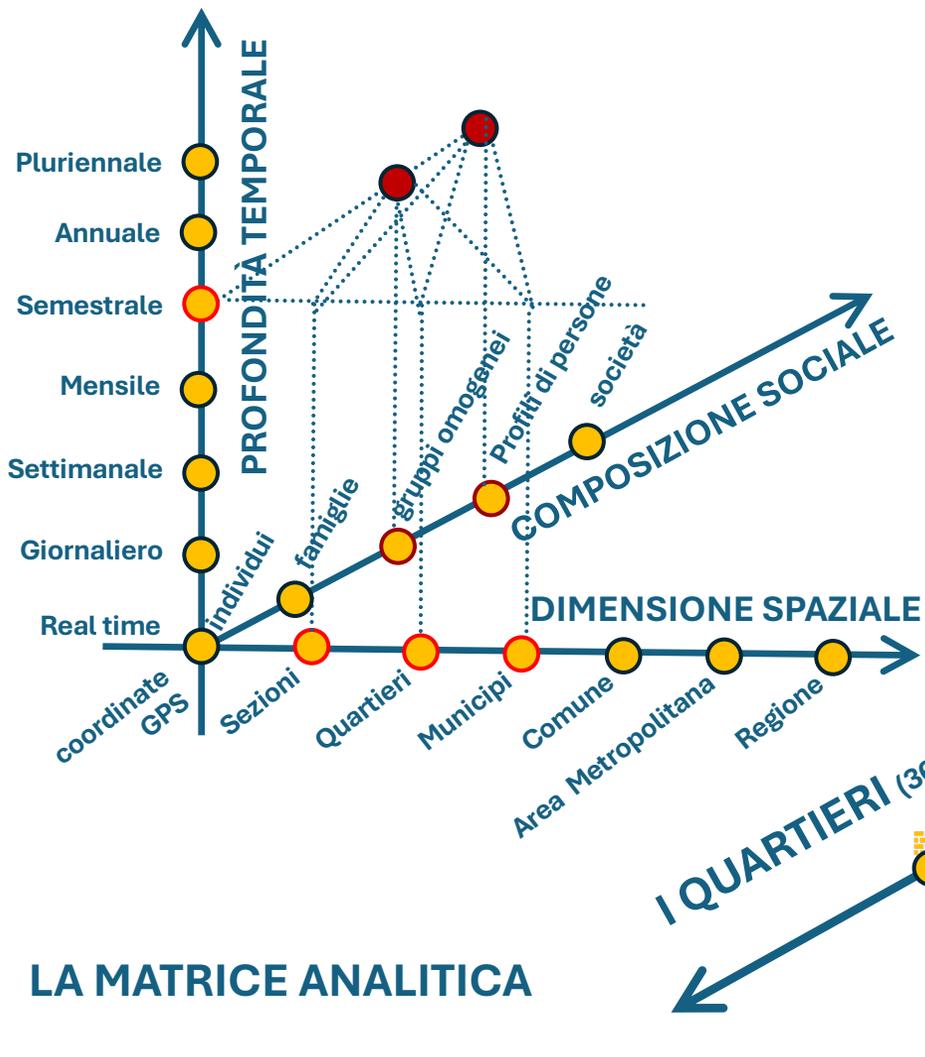
GENOVA SI MISURA CON LE 10 CITTÀ EUROPEE
CON ANALOGIE STRUTTURALI



Il confronto sub-comunale

GENOVA MISURA E MONITORA LA CRESCITA

INCLUSIVA E SOCIO-ECONOMICA DEI SUOI QUARTIERI



2 ANNI (SEMESTRE)



SEAGUL



INCLUSIVITÀ

SVILUPPO

SOCIO

ECONOMICO

LA MATRICE DI MISURAZIONE

UNA URBAN DASHBOARD PER LA PUBBLICA AMMINISTRAZIONE

SEAGUL

SOCIO ECONOMIC AWARE GOVERNANCE URBAN LANDSCAPE

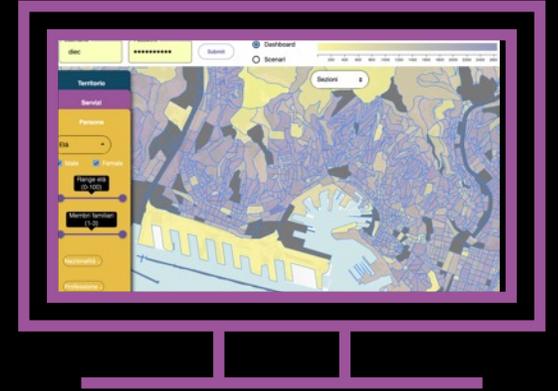
GRUPPO DI RICERCA RAISE, SPOKE1 WP5.2

UniGe DIEC: PAOLA DAMERI, MONICA BRUZZONE, CARMINE CERRONE

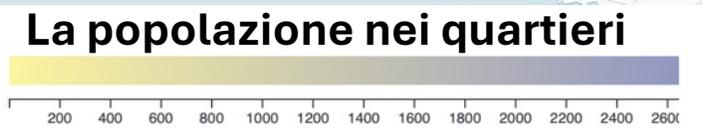
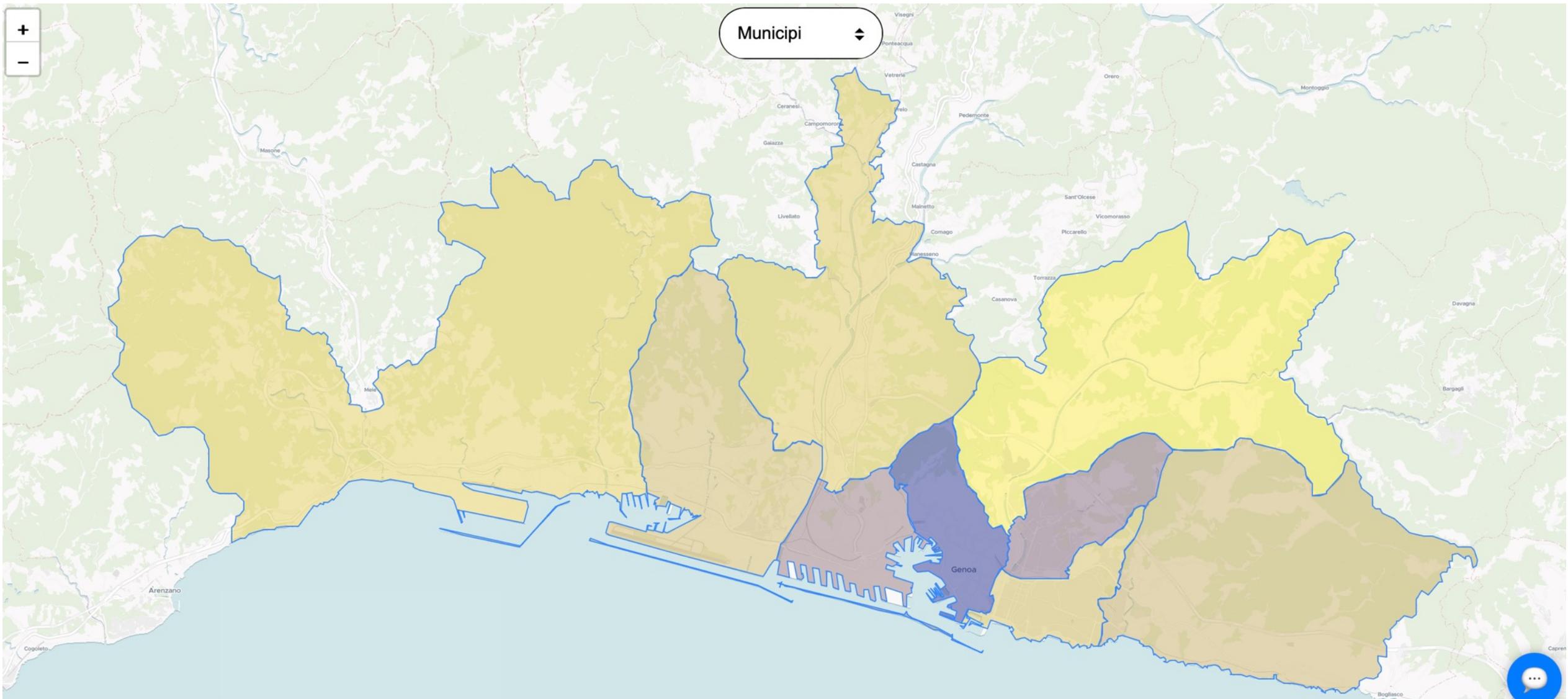
UniGe DIBRIS: ENRICO PUPPO, CLAUDIO MANCINELLI, DARIO OLIANAS

Finanziato dall'Unione Europea - NextGenerationEU e dal Ministero dell'Università e della Ricerca (MUR), Piano Nazionale di Ripresa e Resilienza (PNRR), Missione 4, Componente 2, Investimento 1.5, progetto "RAISE - Robotics and AI for Socioeconomic Empowerment" (ECS00000035).

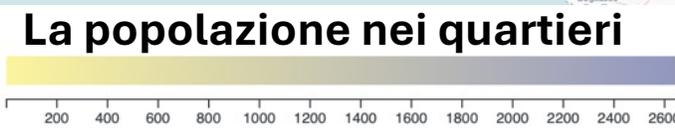
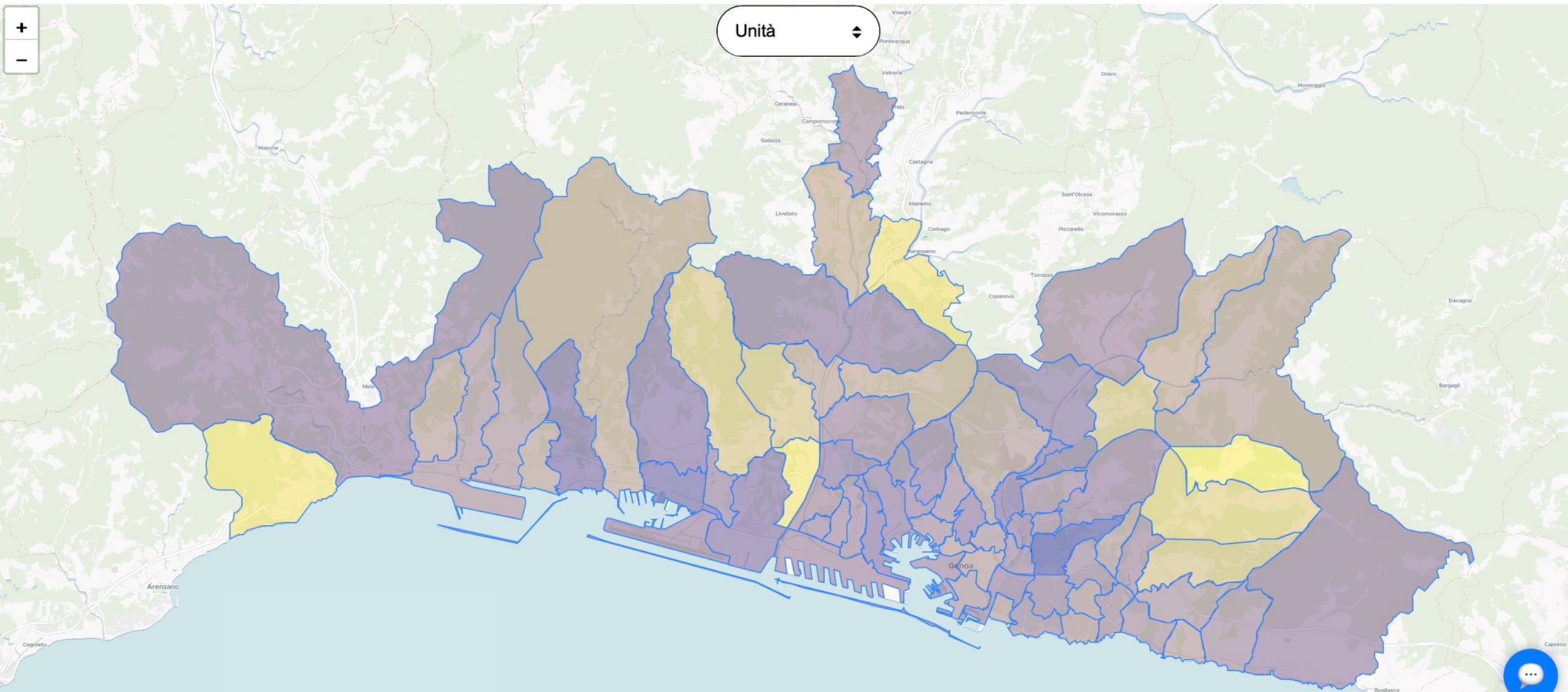
Genova, ortofoto del territorio comunale



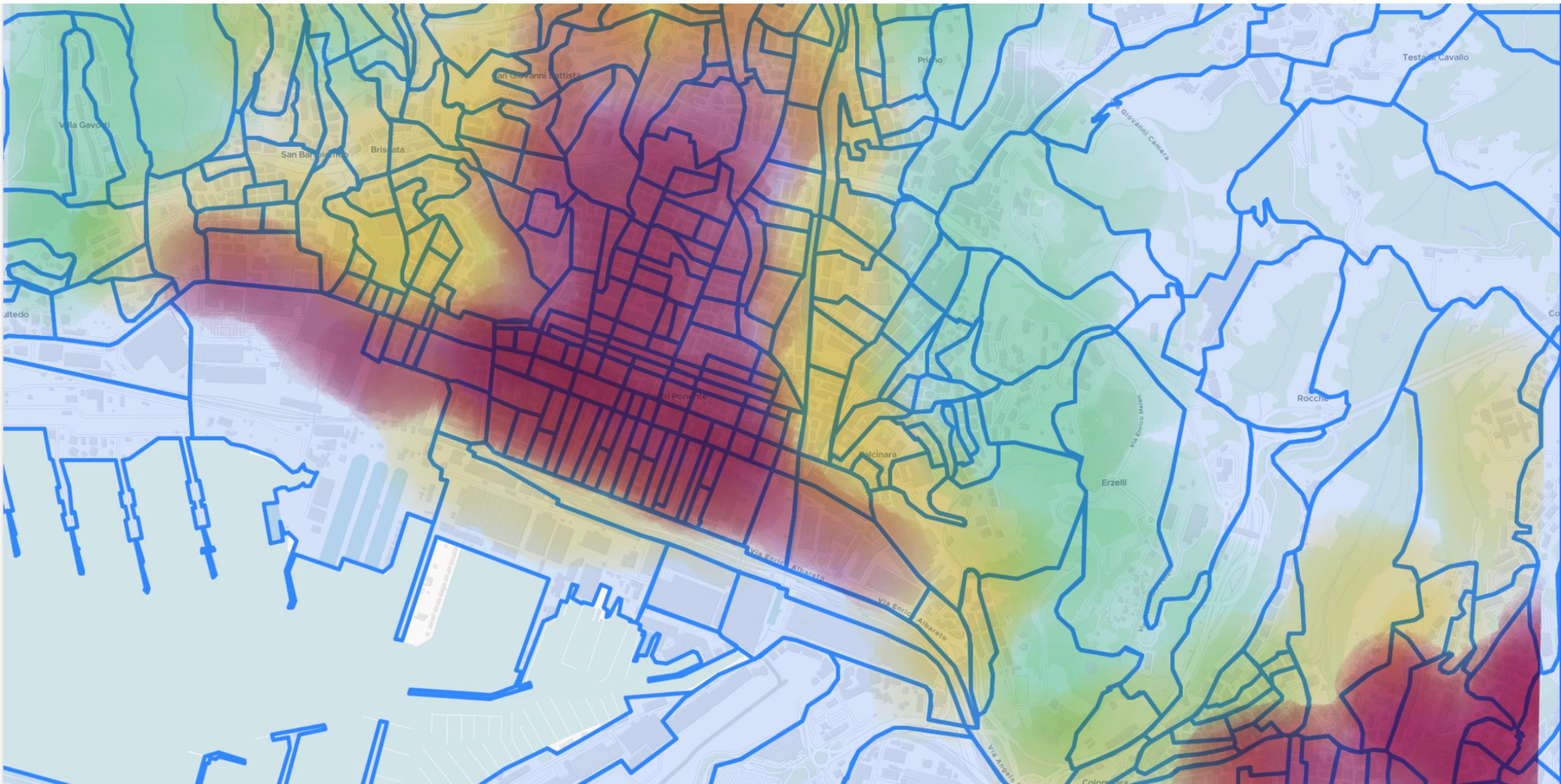
Genova: 9 Municipi



Genova: 72 Unità Urbanistiche



Genova: I quartieri come luoghi di relazione e identità



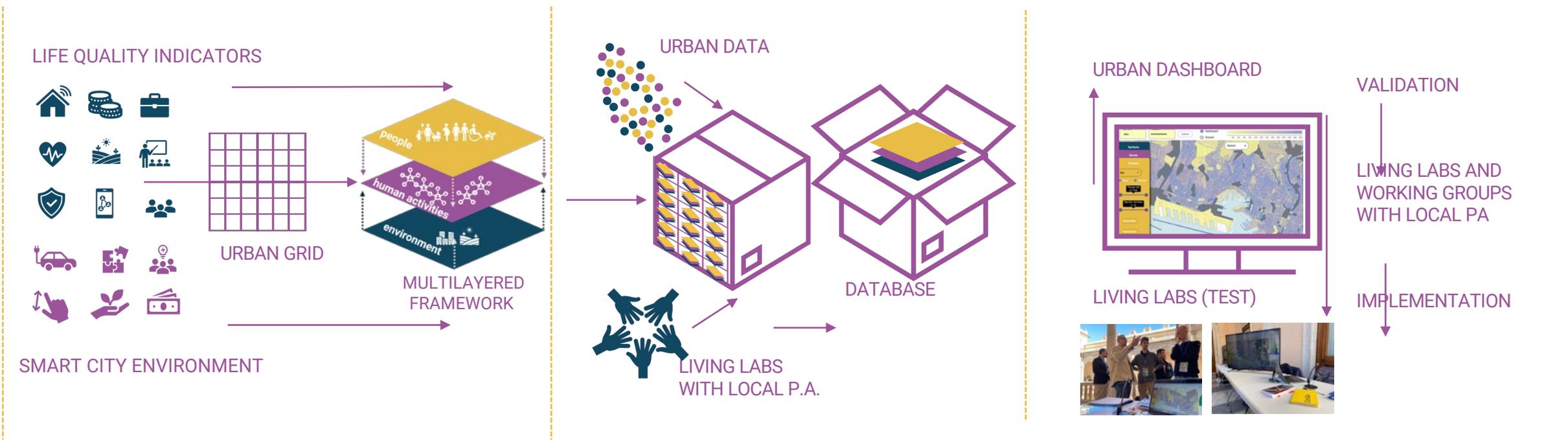
Seagul: Gli obiettivi del IT Tool



**Monitorare le qualità dei quartieri:
abitanti, servizi, territorio
identificando cluster locali di criticità
e di eccellenza.**

**Governare la città policentrica che
integra prossimità e specializzazione,
brevi distanze e networking**

Seagul: Il processo di costruzione della Dashboard

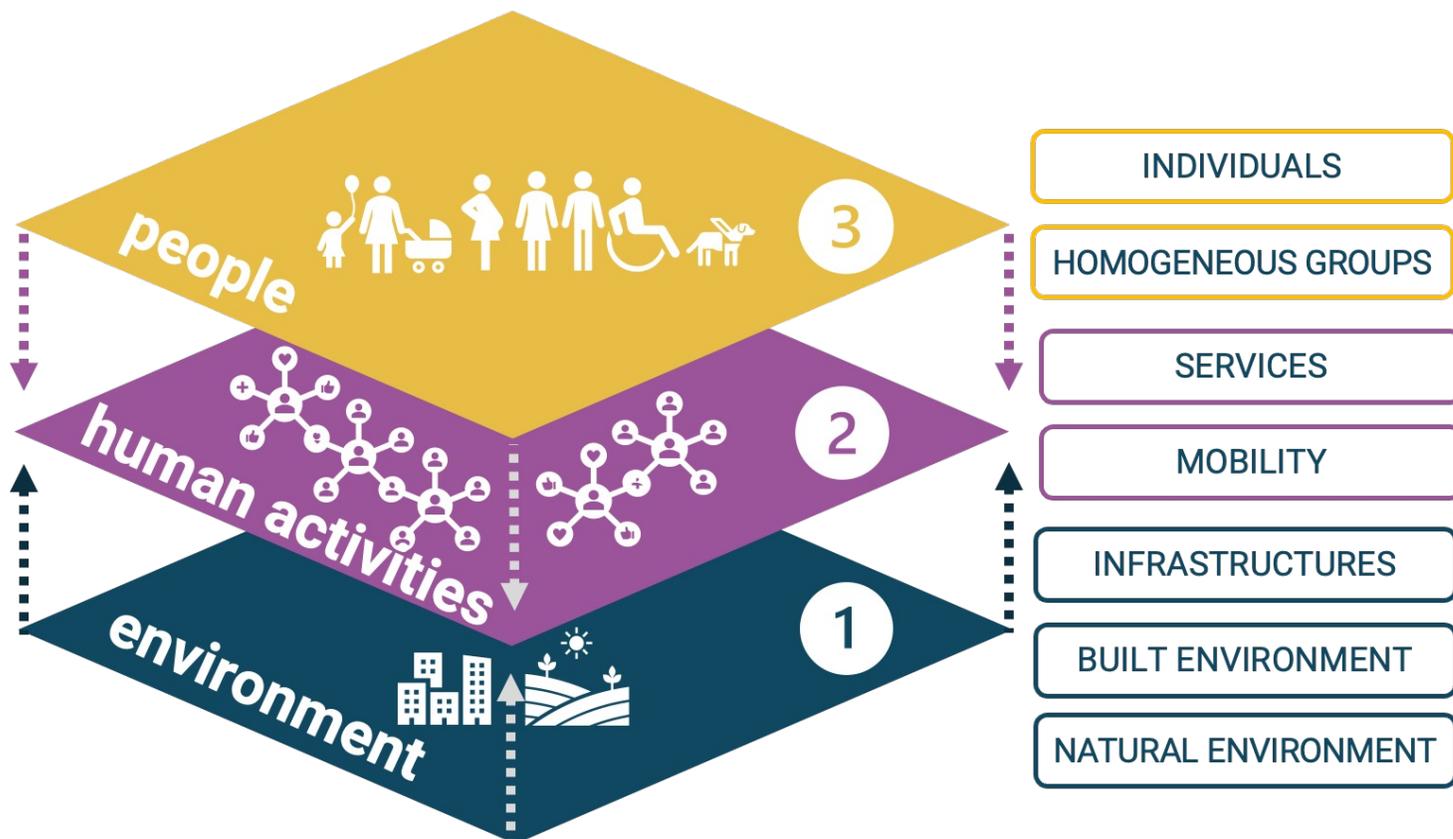


A. The framework

B. The Data model

C. The Prototype

Seagul: Il Framework multilivello



The Framework is composed of **3 layers**.

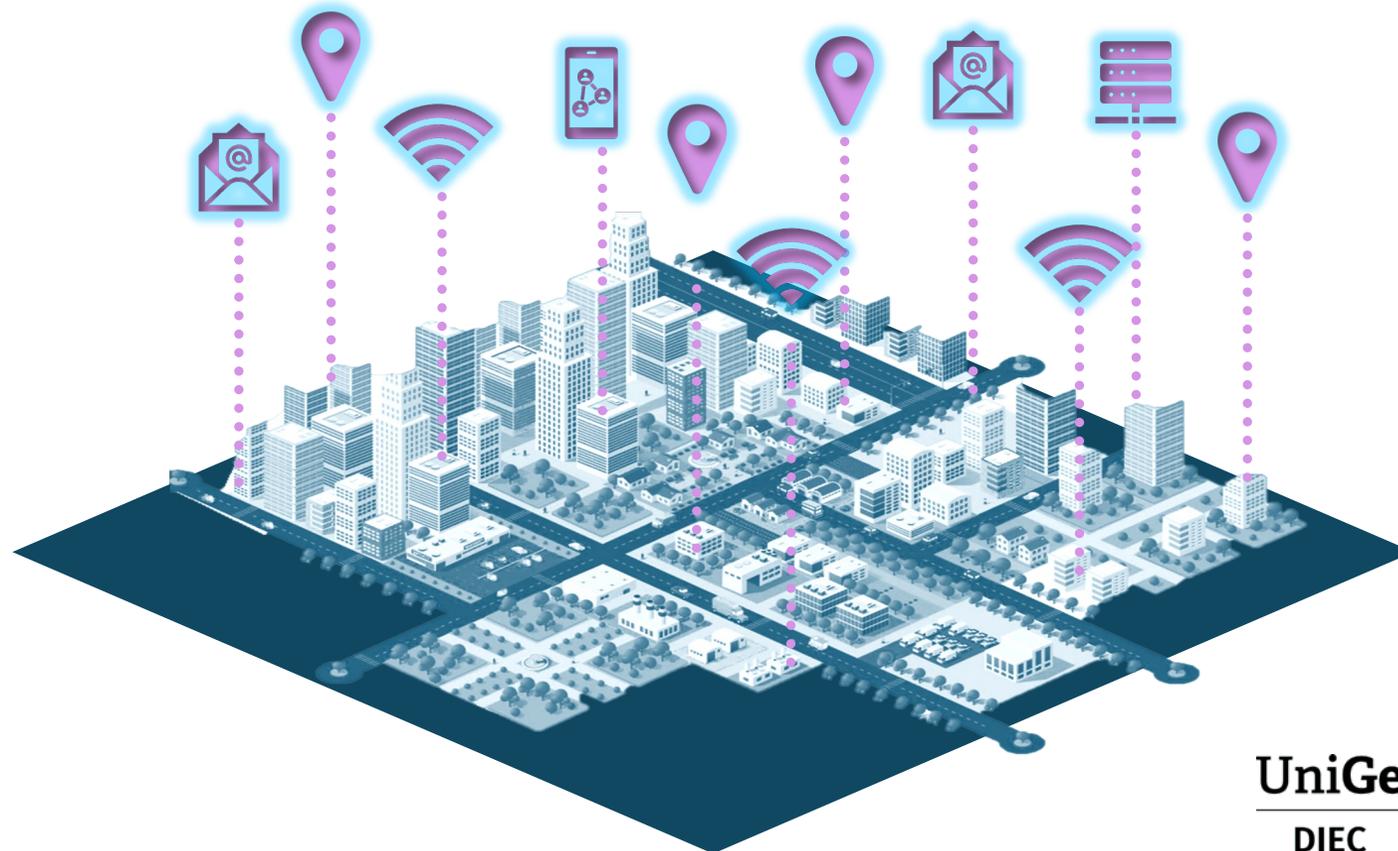
The **basic layer** analyzes the natural and built **environment**

The **intermediate layer** analyzes **human activities** as a connective level between people and environment

The **upper layer** analyzes data about **people**: the citizens needs and the composition of the society.

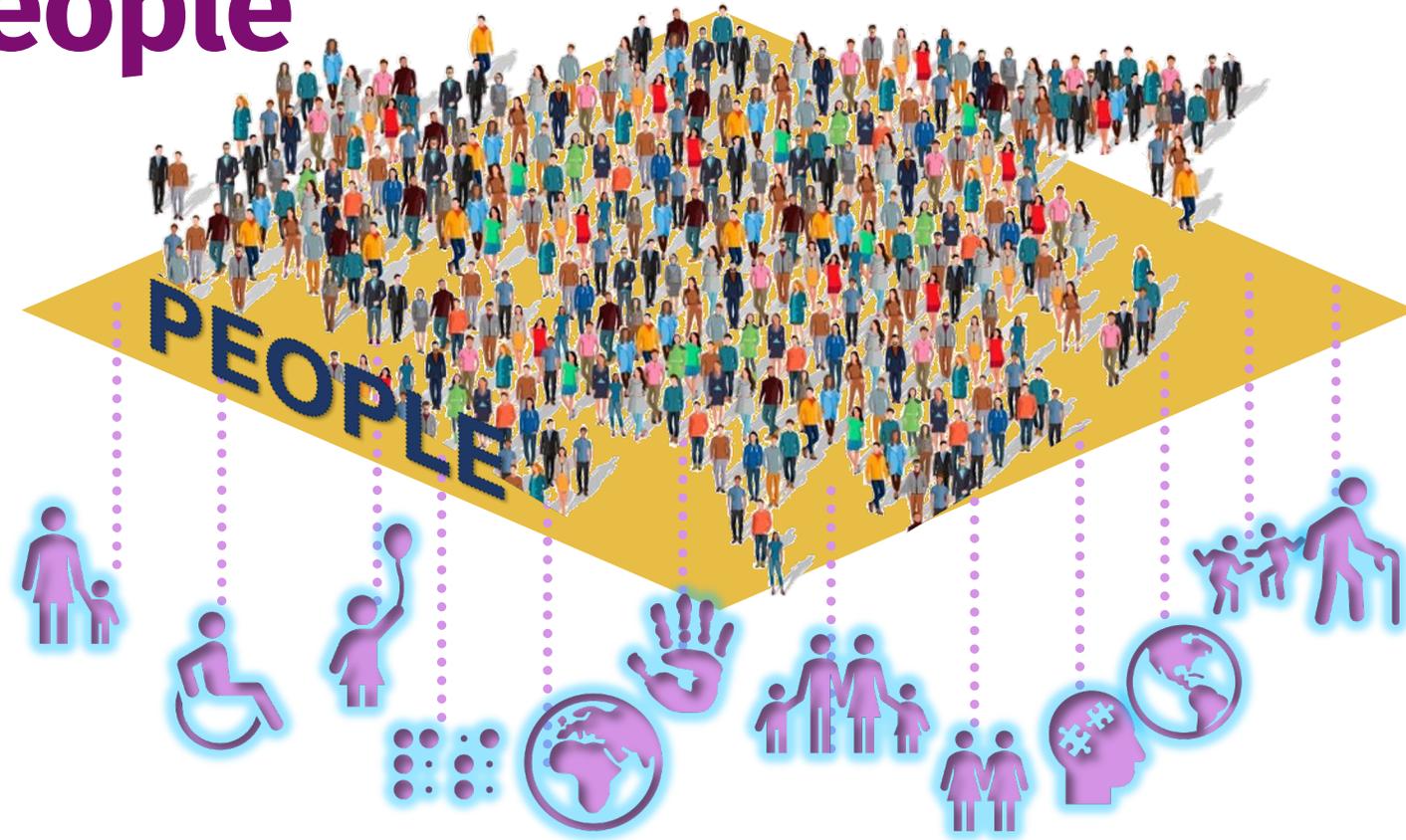
Layer 1. Environment

Open data
compongono
«Clusters»
territoriali



Layer 3. People

Dati
individuali
anonimizzati
gruppi
«Personas»



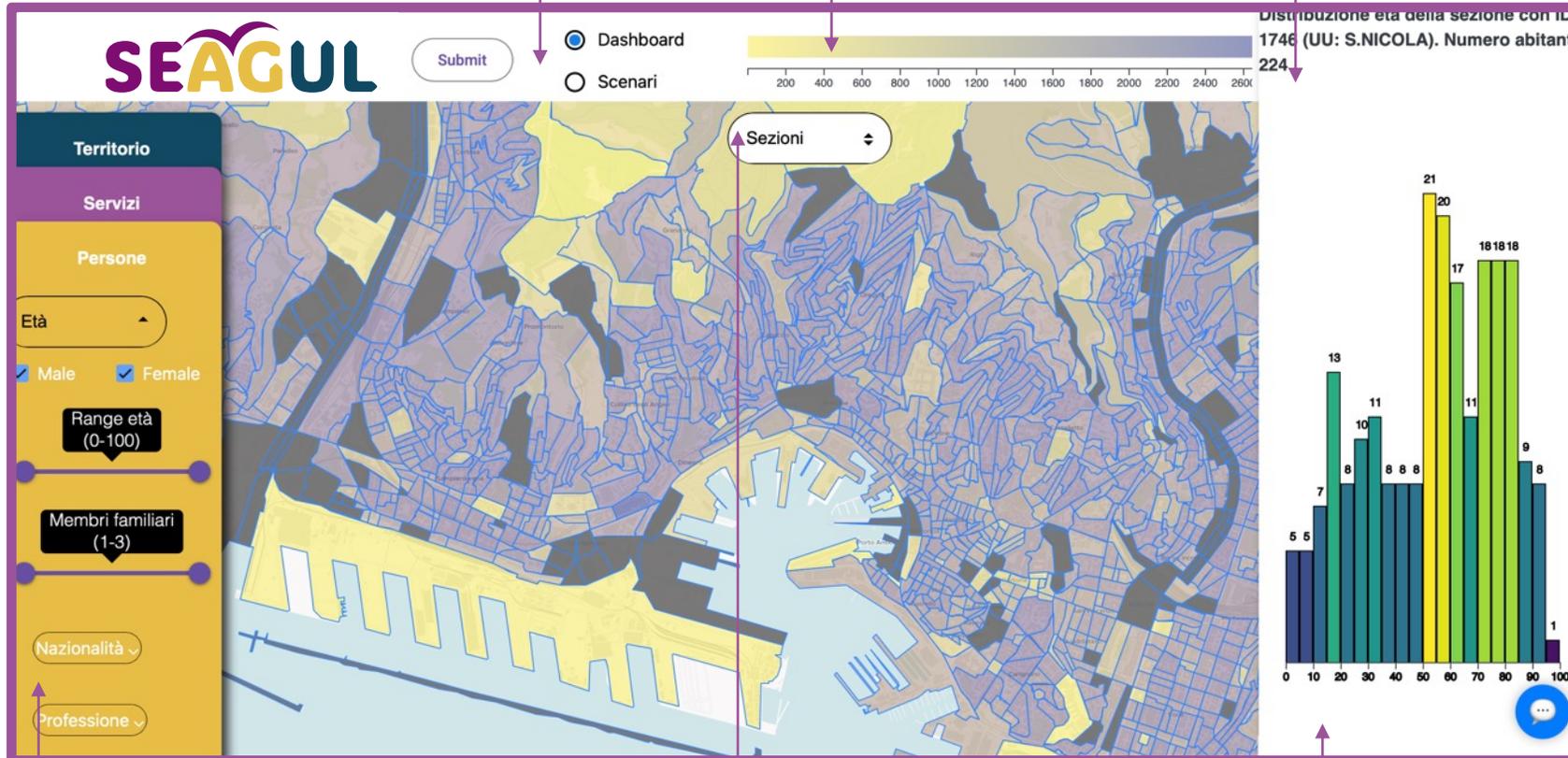
Multilevel Framework



SURF THE DASHBOARD, OR
USE SCENARIOS OF FRAGILITY:
MINORS, SENJORS, ADULTS

READ THE HEATMAP AND
SELECT THE CITIZENS
CLUSTERS

HAVE A LOOK ON THE DEMOGRAPHIC
COMPOSITION OF THE CITY DISTRICTS
(select the Age composition,
The nationality composition,
The job composition)



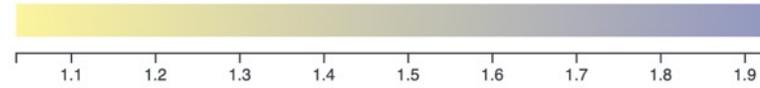
SELECT THE CLUSTER OF
CITIZENS LIVING THE CITY (FOR
AGE, GENDER, NATIONALITY,
FAMILY....) AND THE MAIN
CHARACTERISTICS AND
SERVICES OF THE CITY

SELECT A CITY DIMENSION.
DISTRICTS NEIGHBORHOODS,
OR BLOCKS UNITS

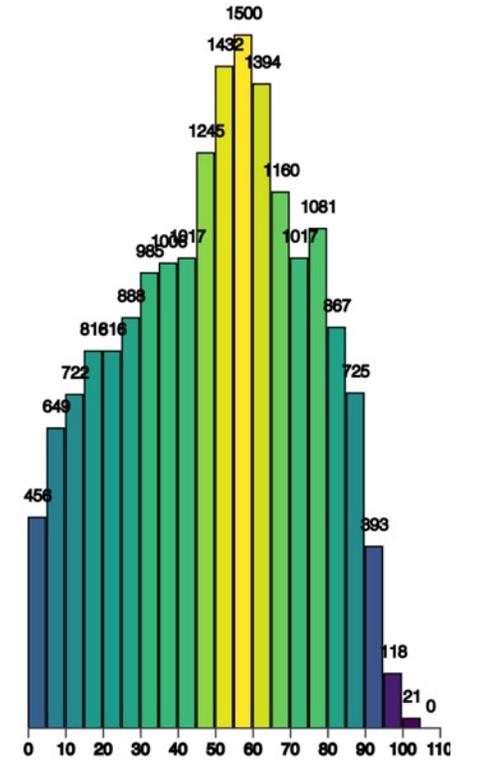
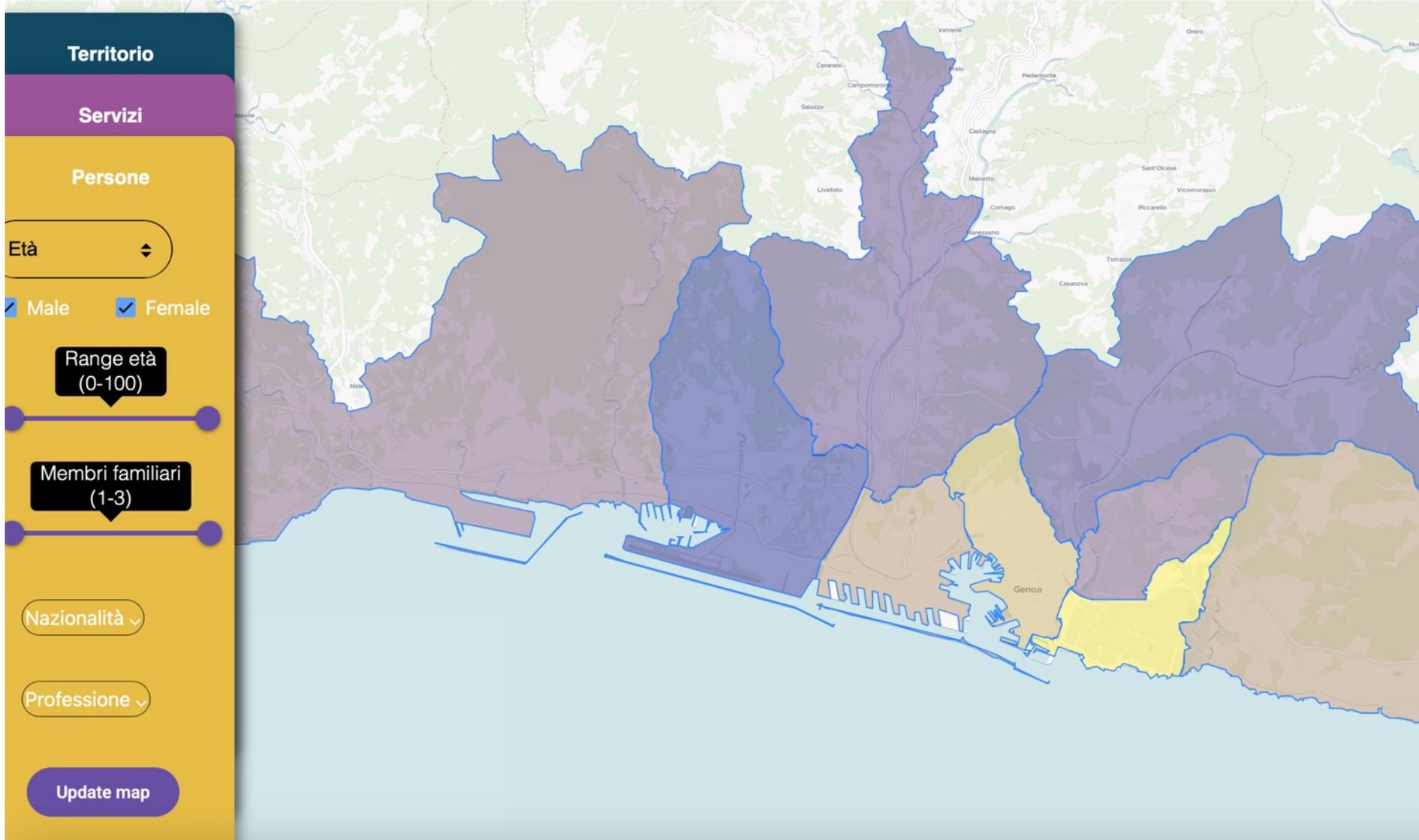
CHATBOT TOOL.
INTERACT WITH THE SELECTION
FILTERS USING GENERATIVE AI

Submit

- Dashboard
- Scenari



Distribuzione età dell'unità urbanistic
SESTRI



Territorio

Servizi

Persone

Età ▾

Male Female

Range età (0-100)

Membri familiari (1-3)

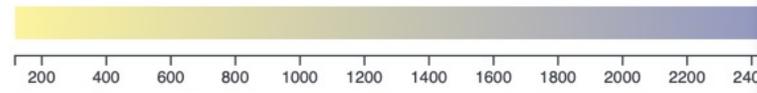
Nazionalità ▾

Professione ▾

Update map

Submit

- Dashboard
- Scenari



Territorio

Servizi

Persone

Nazionalità ▾

Male Female

Range età (0-100)

Membri familiari (1-3)

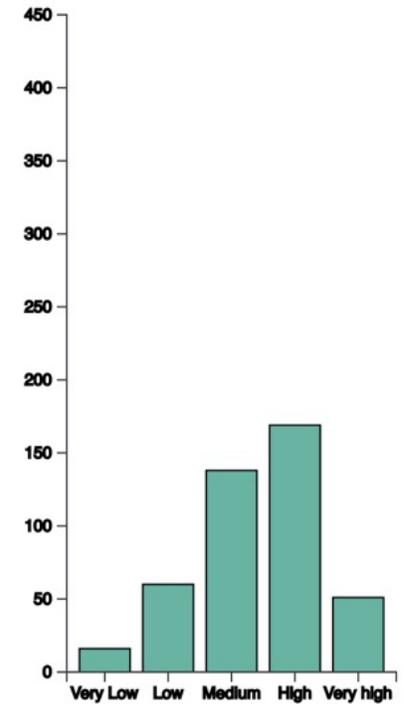
Nazionalità ▾

Professione ▾

Update map



Escludi italiani



GRAZIE PER L'ATTENZIONE

UniGe

DIEC

Contatti:

monica.bruzzo@economia.unige.it