

U.C.R.O.N.I.A.

Utility, Circular Economy, Real-time, Operation, Network, Integration, Assets

«Data IS Geo»



The company

Corporate data (2025)

AMA is the company wholly owned by Roma Capitale that manages the entire waste cycle, cemetery services, and other ancillary services for the city.



Net profit (Utile netto)

830.700 € (857.800€ - 2024)

Overall Revenues (Ricavi complessivi)

943,1 Mln € (870,2 Mln € - 2024)

Gross Operating Margin (Margine Operato Lordo)

94 Mln € (70 Mln € - 2024)

Investment (Investimenti)

123,6 Mln € (118,3 Mln € - 2024)

*(...x) proportion vs. Roma



Roma

Pop: **2,8 M**
Surface: **1.285 km²**
Roads: **11.000 km**
Waste collected: **1,7 Mton**

1

Milano

Pop: 1,4 M (**2,0x**)
Surface: 182 km² (**7,0x**)
Roads: 2.100 km (**2,6x**)
Waste collected: 0,6 Mton (**2,7x**)

2

Napoli

Pop: 0,9 M (**3,1x**)
Surface: 117 km² (**11,0x**)
Roads: 850 km (**6,5x**)
Waste collected: 0,5 Mton (**3,2x**)

3

Torino

Pop: 0,8 M (**3,5x**)*
Surface: 130 km² (**9,9x**)
Roads: 1.200 km (**4,6x**)
Waste collected: 0,4 Mton (**4,0x**)

4

Parigi

Pop: 2,1 M (**1,3x**)
Surface: 105 km² (**12x**)
Roads: 1.700 km (**3,2x**)
Waste collected: 1,1 Mton (**1,5x**)

5

Vienna

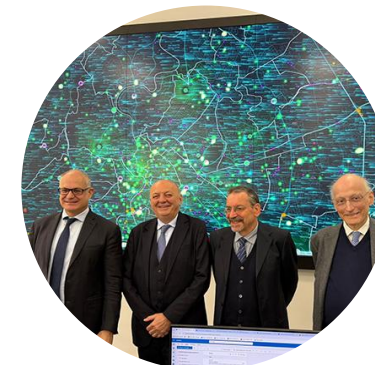
Pop: 2,0 M (**1,4x**)
Surface: 415 km² (**3,1x**)
Roads: 2.800 km (**2,0x**)
Waste collected: 1,0 Mton (**2,7x**)

6

Barcellona

Pop : 1,6 M (**1,8x**)
Surface: 102 km² (**13x**)
Roads: 1.300 km (**4,2**)
Waste collected: 0,7 Mton (**2,3x**)

UCRONIA – GeoWasteTwinCycle



~100
Interactive reports



~3.000
Vehicles on the road



~100
Geographic layers



~1.300 kmq
Territorial extension



~900 Mln
Geo-spatial data



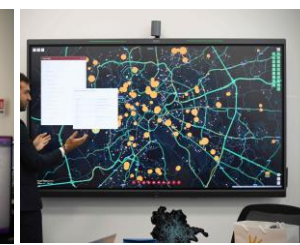
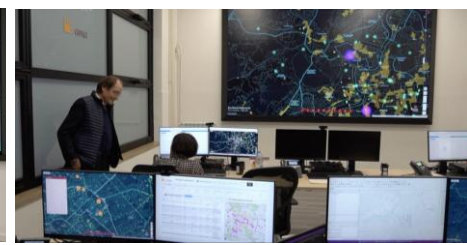
~11.000 km
Managed roads

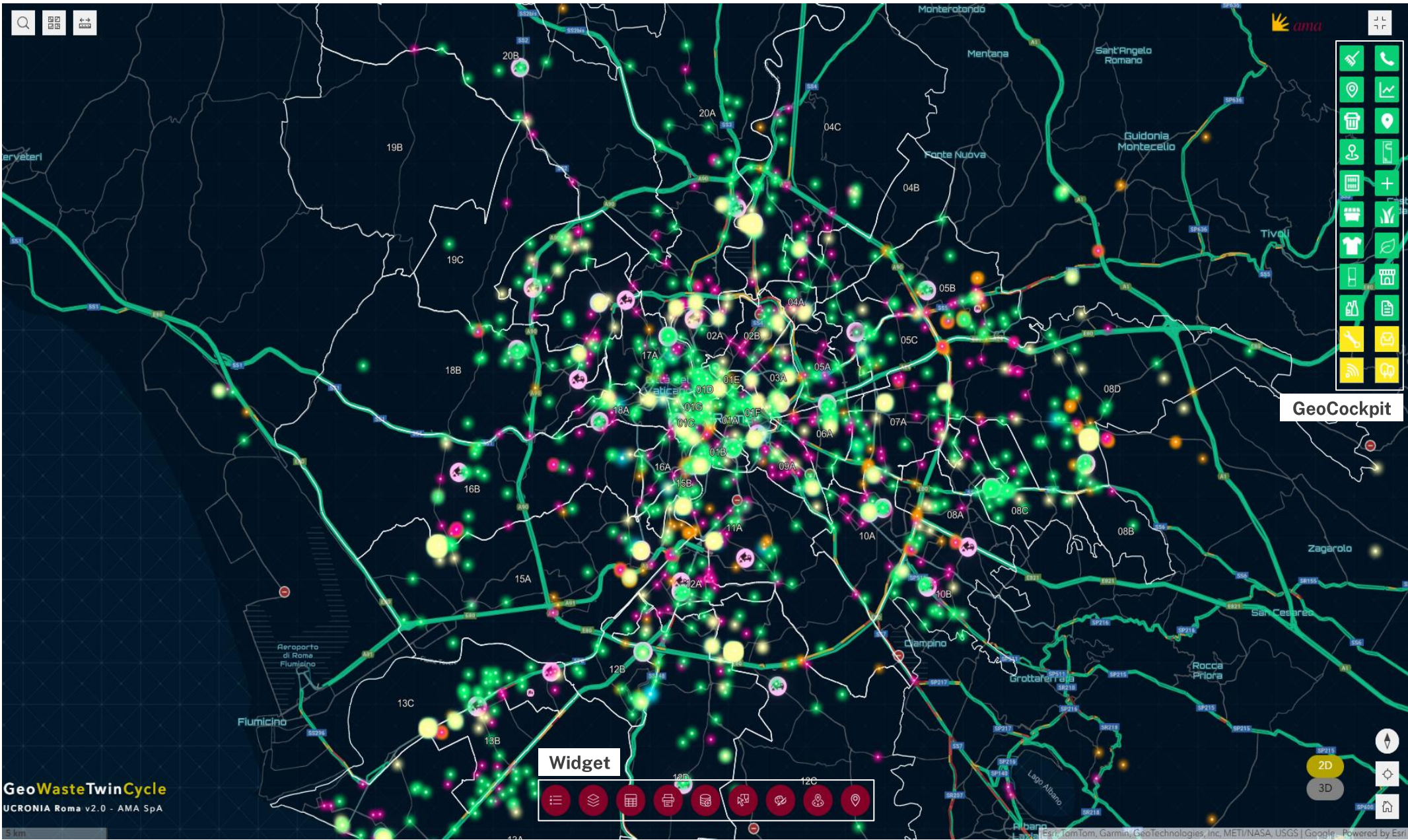


~1,7 Mln
Tons of waste/year

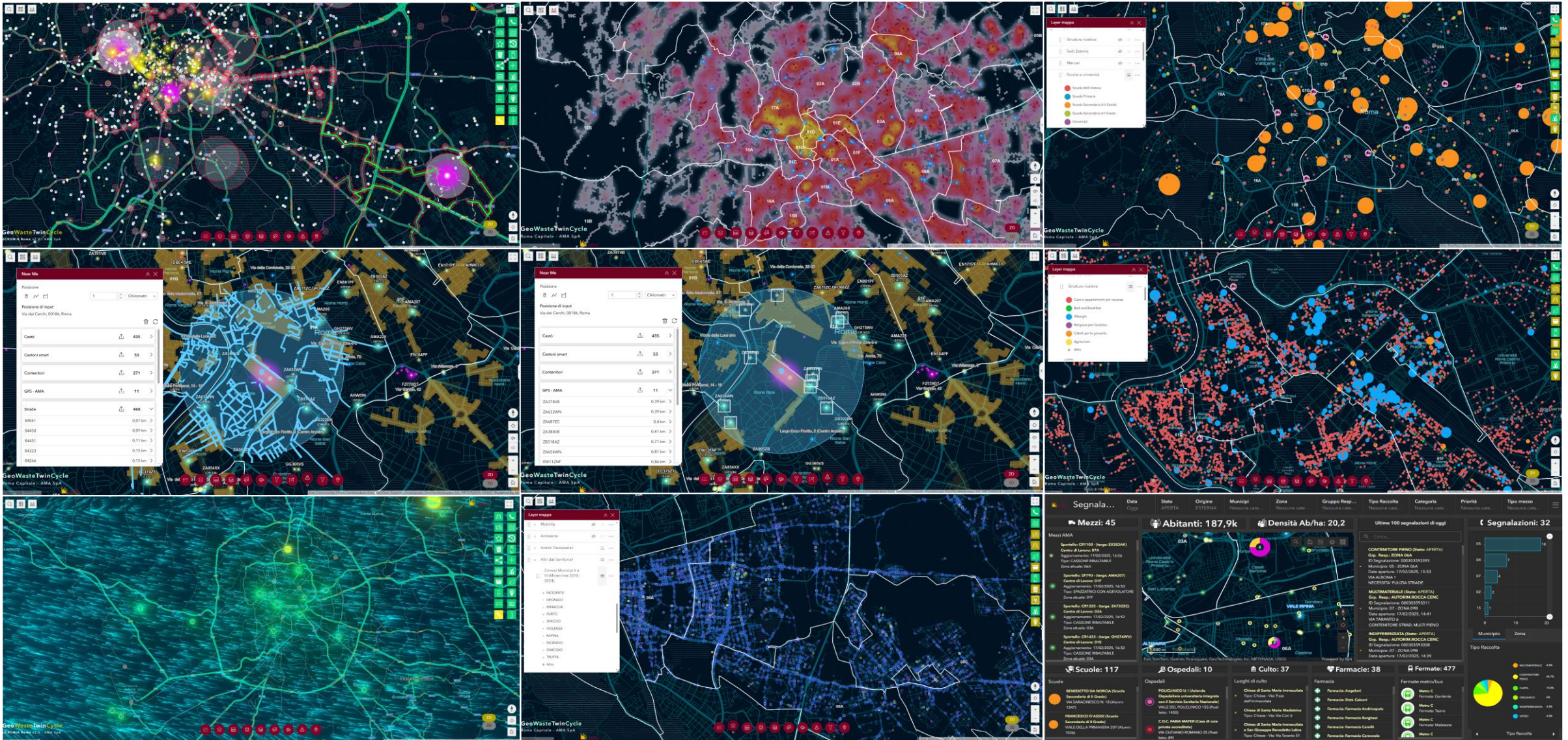


~3 Mln
Inhabitants served

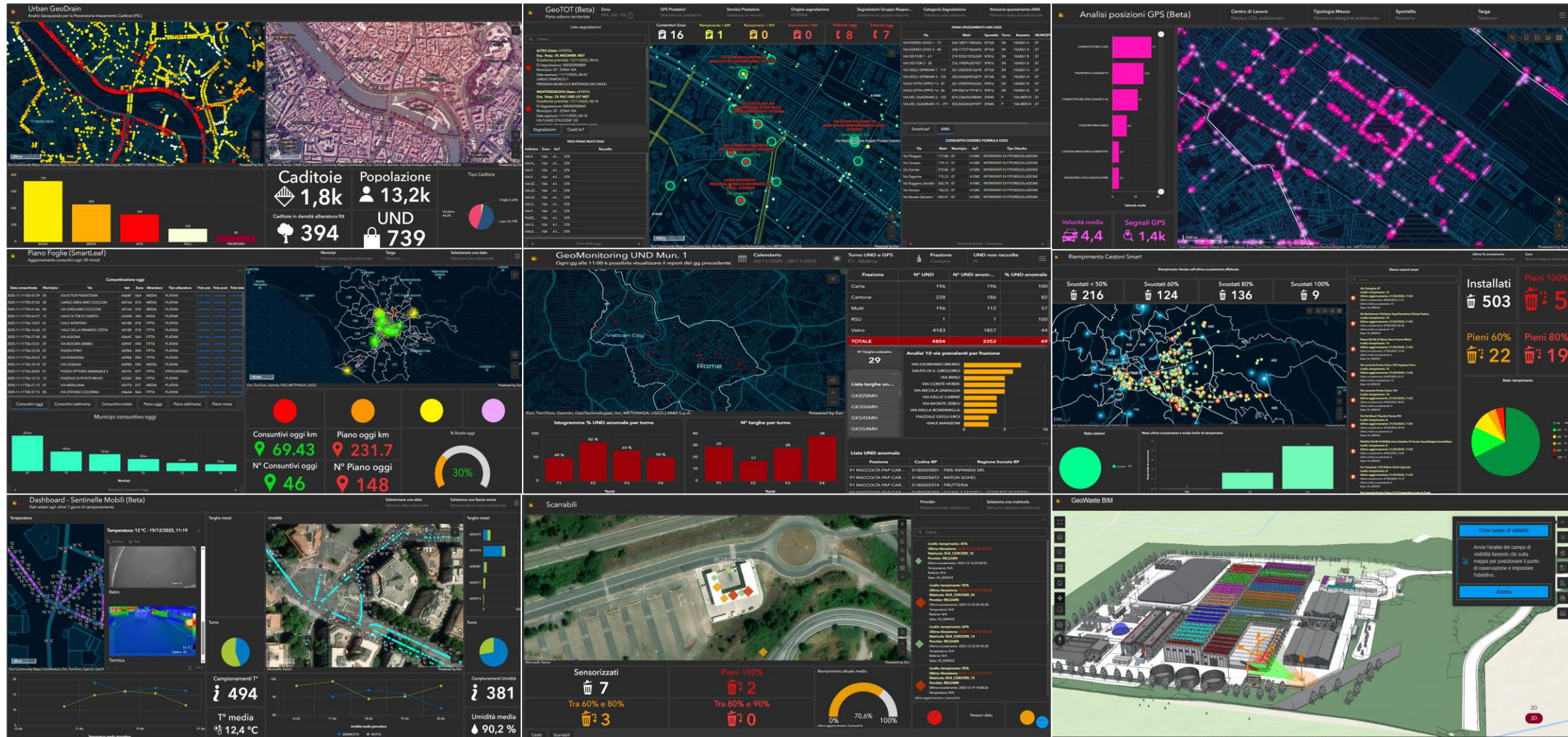


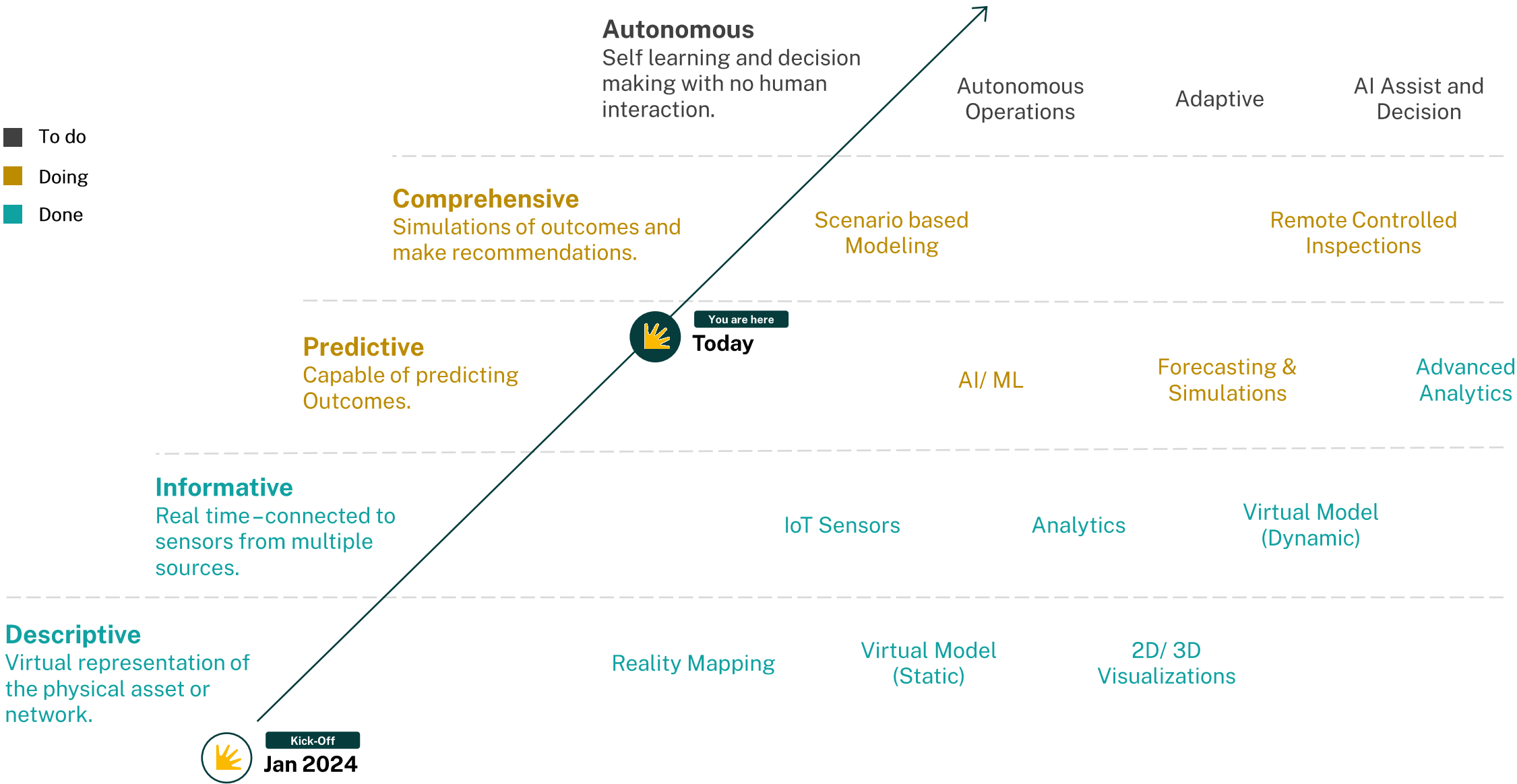


UCRONIA – GeoWasteTwinCycle | Overview



UCRONIA – GeoWasteTwinCycle | Overview





UCRONIA – Scalability

UCRONIA is an ecosystem that enables the virtual replication of cities and territories using the **Multi-Scale Convergence Framework**

Space Satellites

Lev 4

Macroscopic, continuous Earth observation for large-scale environmental and territorial analysis.

Air Drones

Lev 3

High-resolution aerial surveys and targeted inspections to capture urban details and infrastructure from above.

Street

IoT & Mobile Sentinel

Lev 2

Intelligent sensors and instrumented vehicles for real-time monitoring of assets and services like waste, traffic, and maintenance.

People

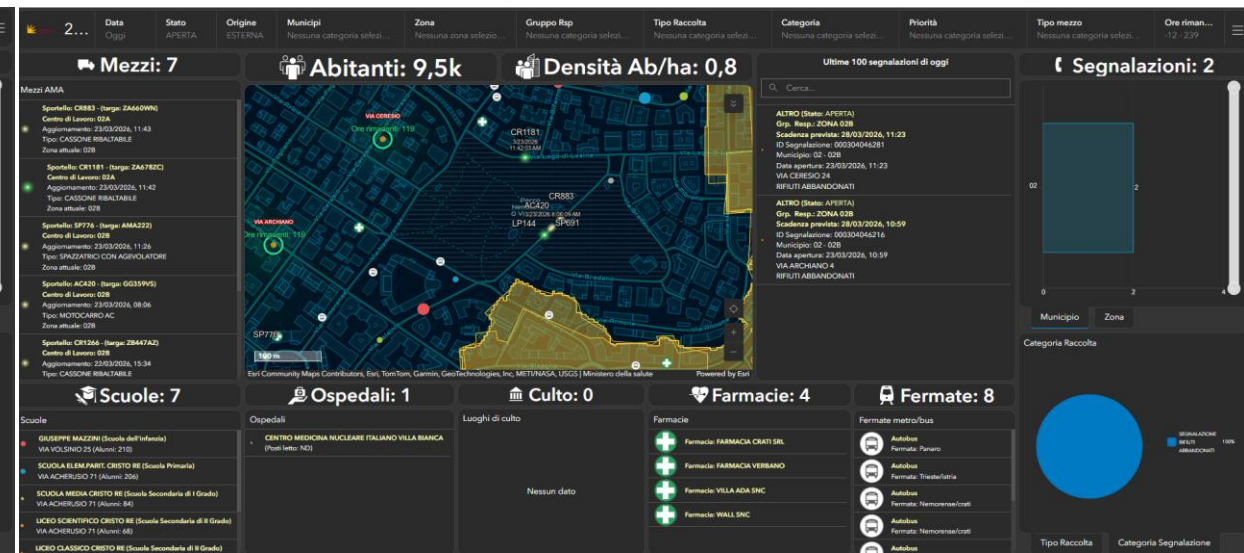
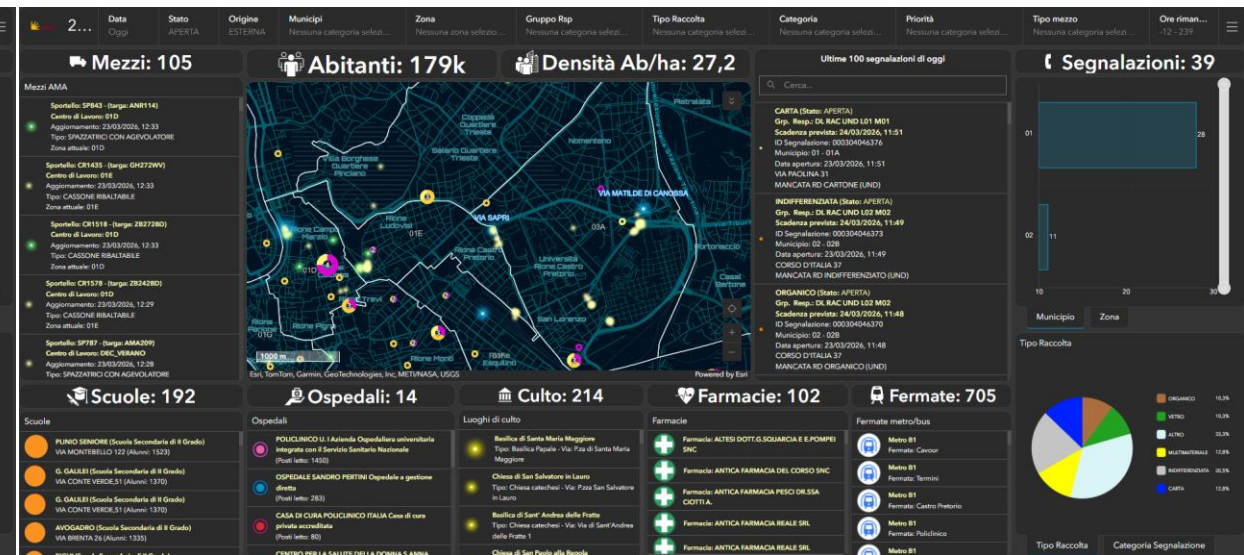
Citizens & Operators

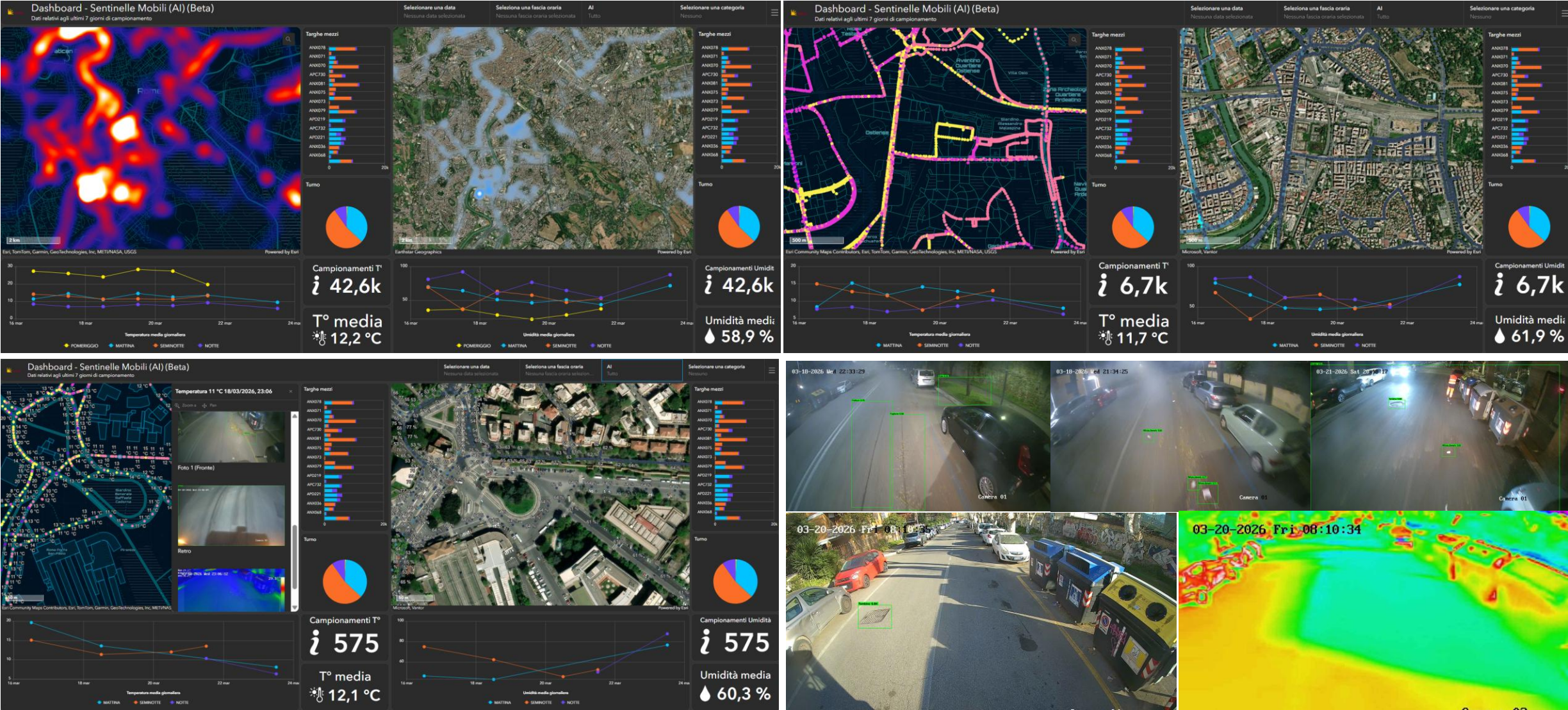
Lev 1

Collective human intelligence providing real-time field reports, making the system responsive and participatory.

Through Geospatial Intelligence, UCRONIA transforms data into instant action: the city ceases to be a static model and becomes an intelligent nervous system.

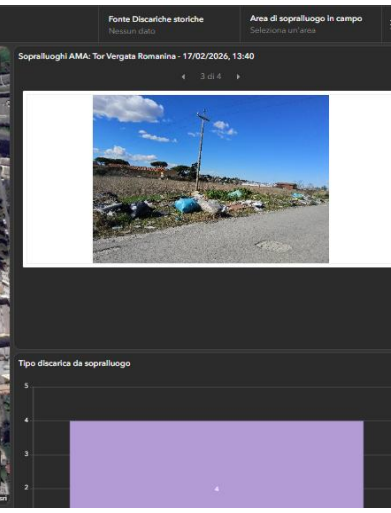
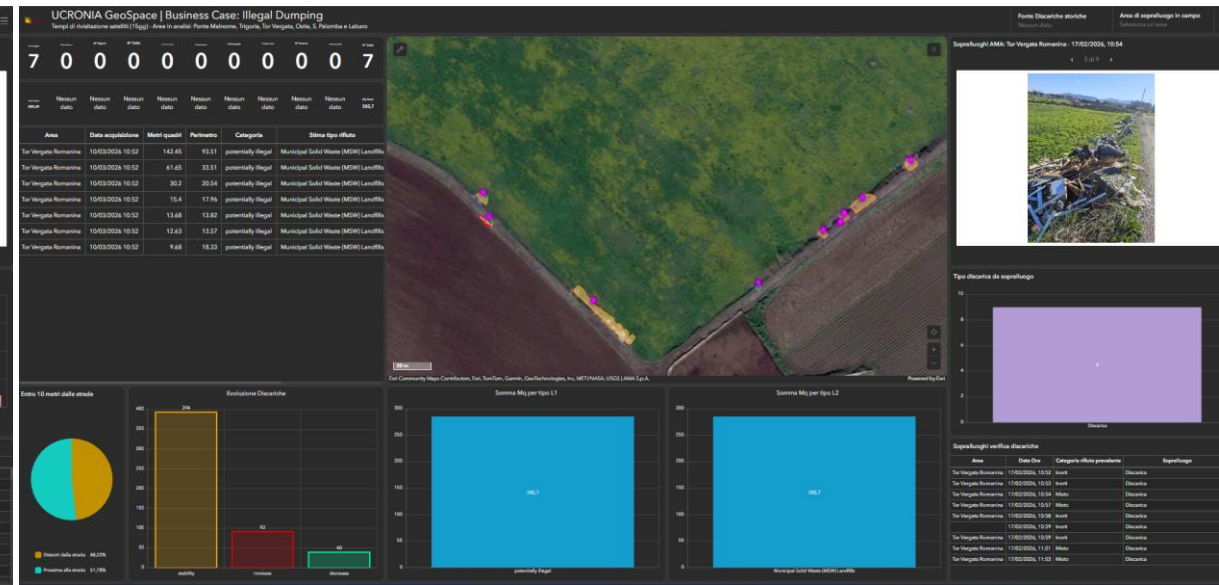




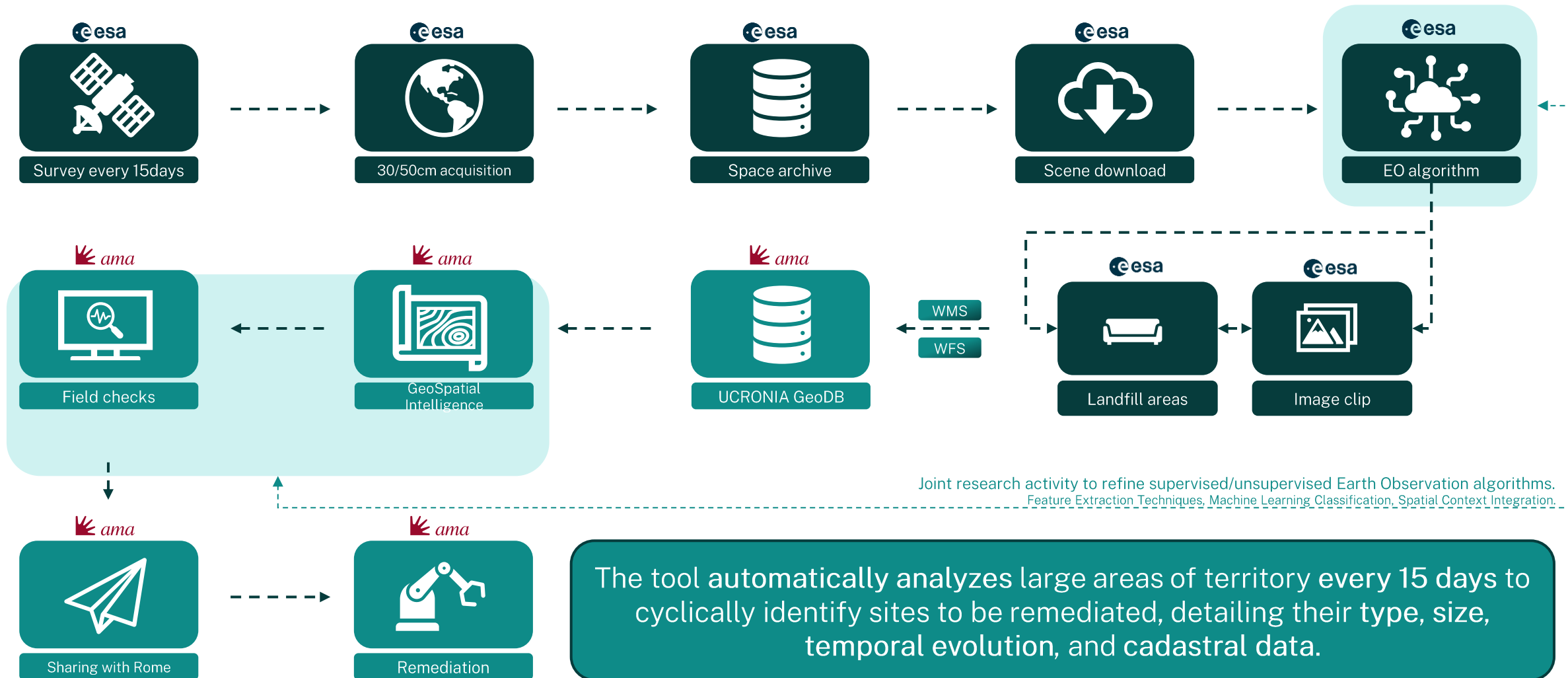




Space - (Satellites)



Automated satellite data processing chain for operational activities





28/07/2025

Agreement



20/07/2026

Progress



Geospatial Technologies



Earth Observation (EO)



GeoSpatial & Geo-Artificial
Intelligence



Research & Applications



Grazie!

