

ubiwhere

Suiting the future of smart communities



hello@ubiwhere.com

ubiwhere

From
Portugal
to the world
with love.



ubiwhere

We believe that great partners empower great ideas and build the best business.

Meet some of them.



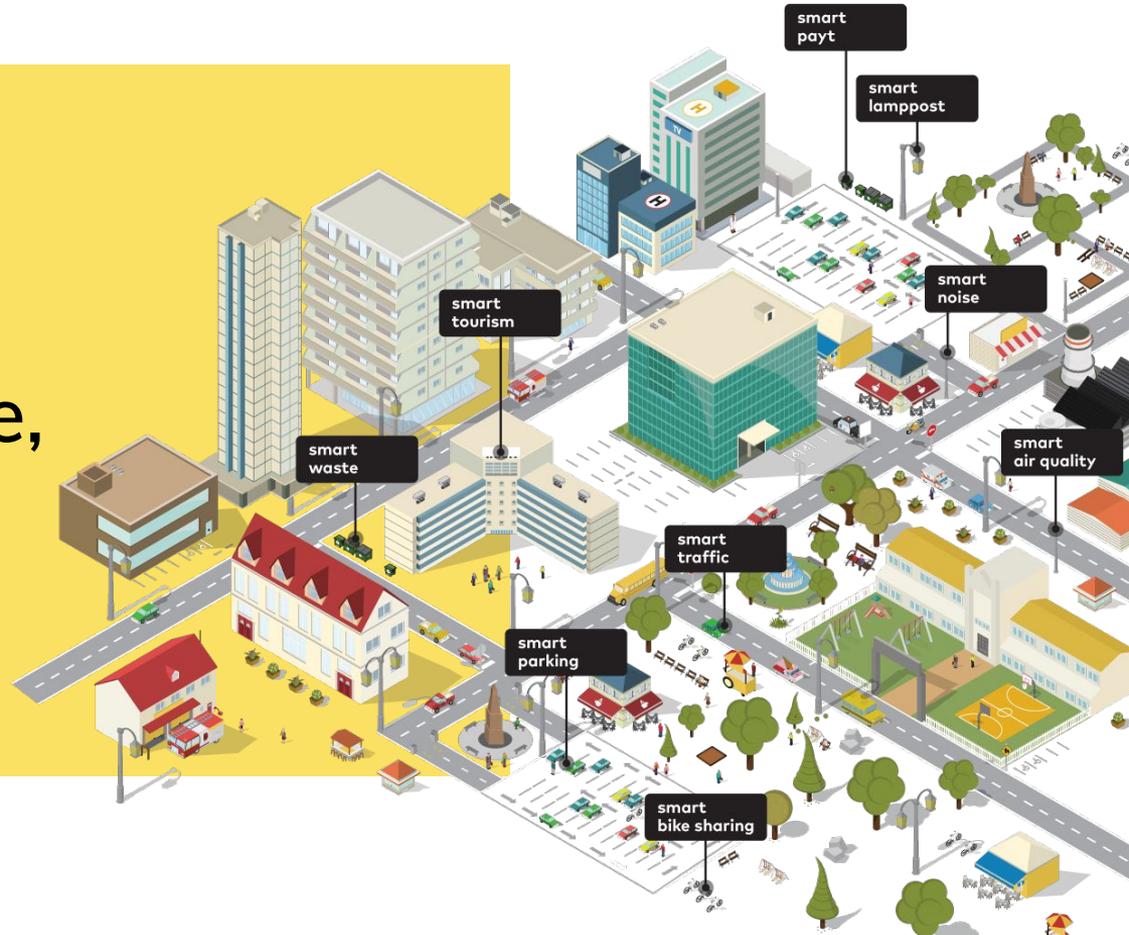
ubiwhere

We have
solutions in
more than 60
cities.



ubiwhere

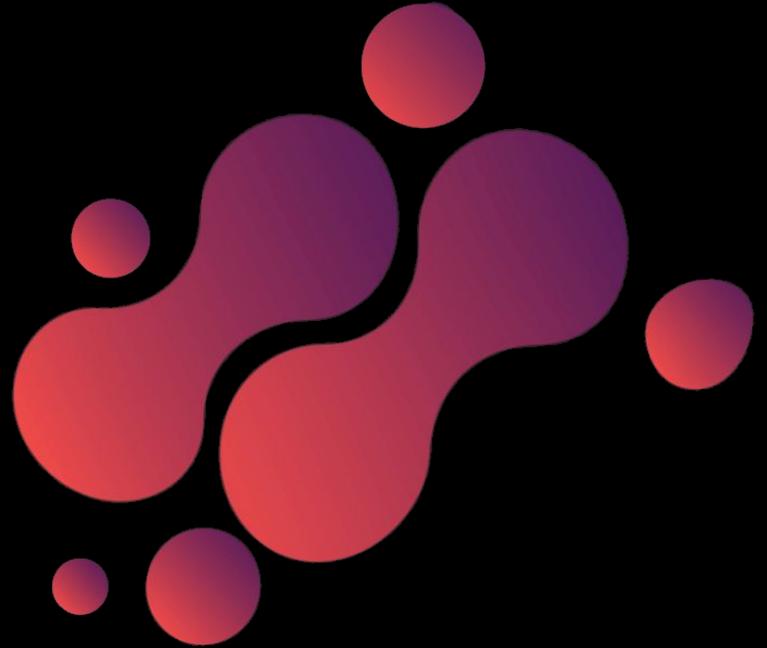
Can you imagine
your city as a single,
integrated system?



ubiwhere

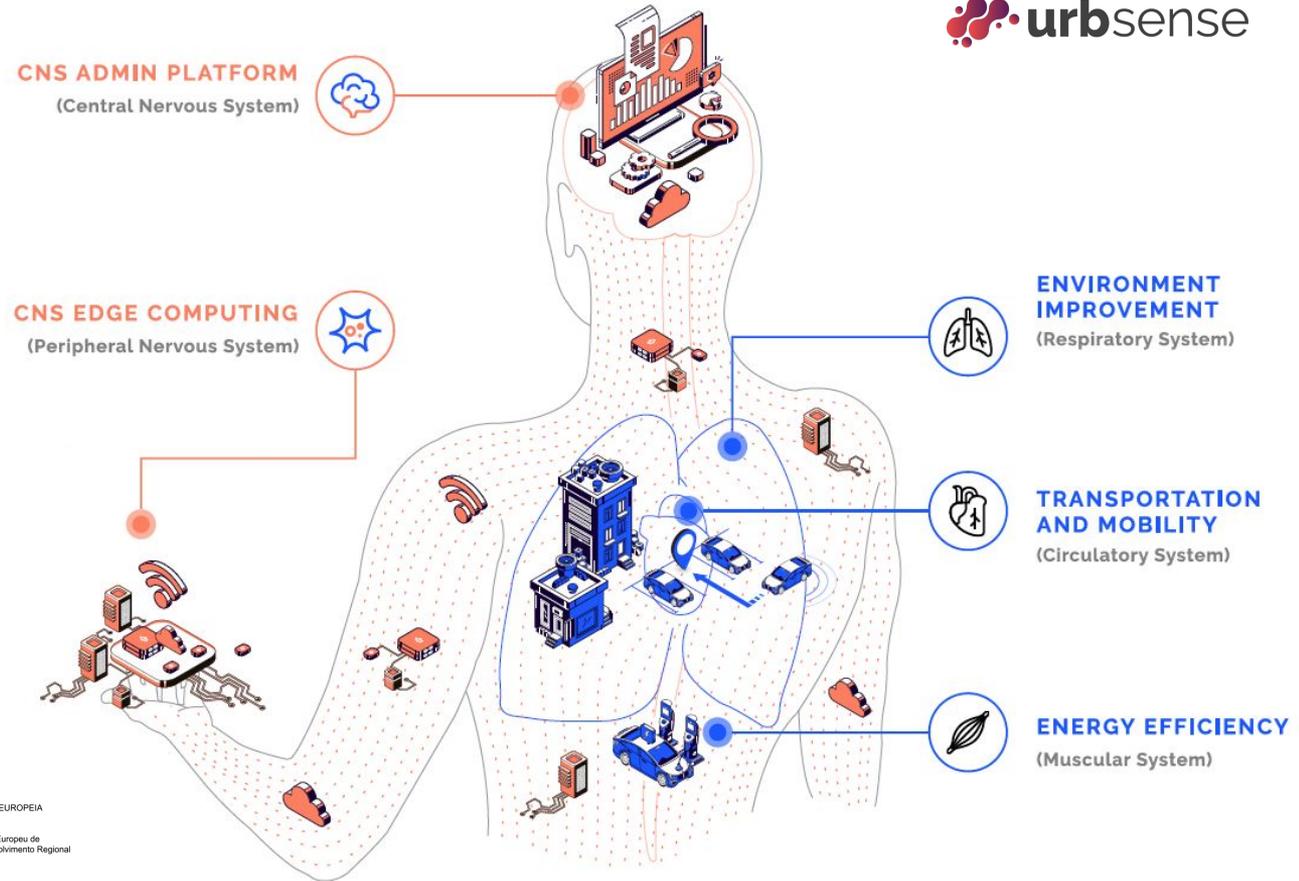
CITY NERVOUS SYSTEM

An organic approach to City Management



The nervous system
transmits signals to every
part of the body to
coordinate its actions.

→ [urbSense.com](https://www.urbSense.com)



ubiwhere

The Peripheral Nervous System.



ubiwhere

A modular approach for shared smart infrastructure.

Easy to mix-and-match different modules into an elegant and clean solution, targeting both municipalities and different businesses across various domains.



+ 5G connectivity

+ IoT sensing

+ EV Charging

+ New business models

ubiwhere



Computing unit detects and blurs sensitive information while retrieving metadata

CCTV captures video streams to support city operations (parking, traffic)

Privacy-preserving (Computer Vision) algorithms for Smart Cities

fogprotect.eu

This project has received funding from the EU's Horizon 2020 Programme



ubiwhere

The Central Nervous System.



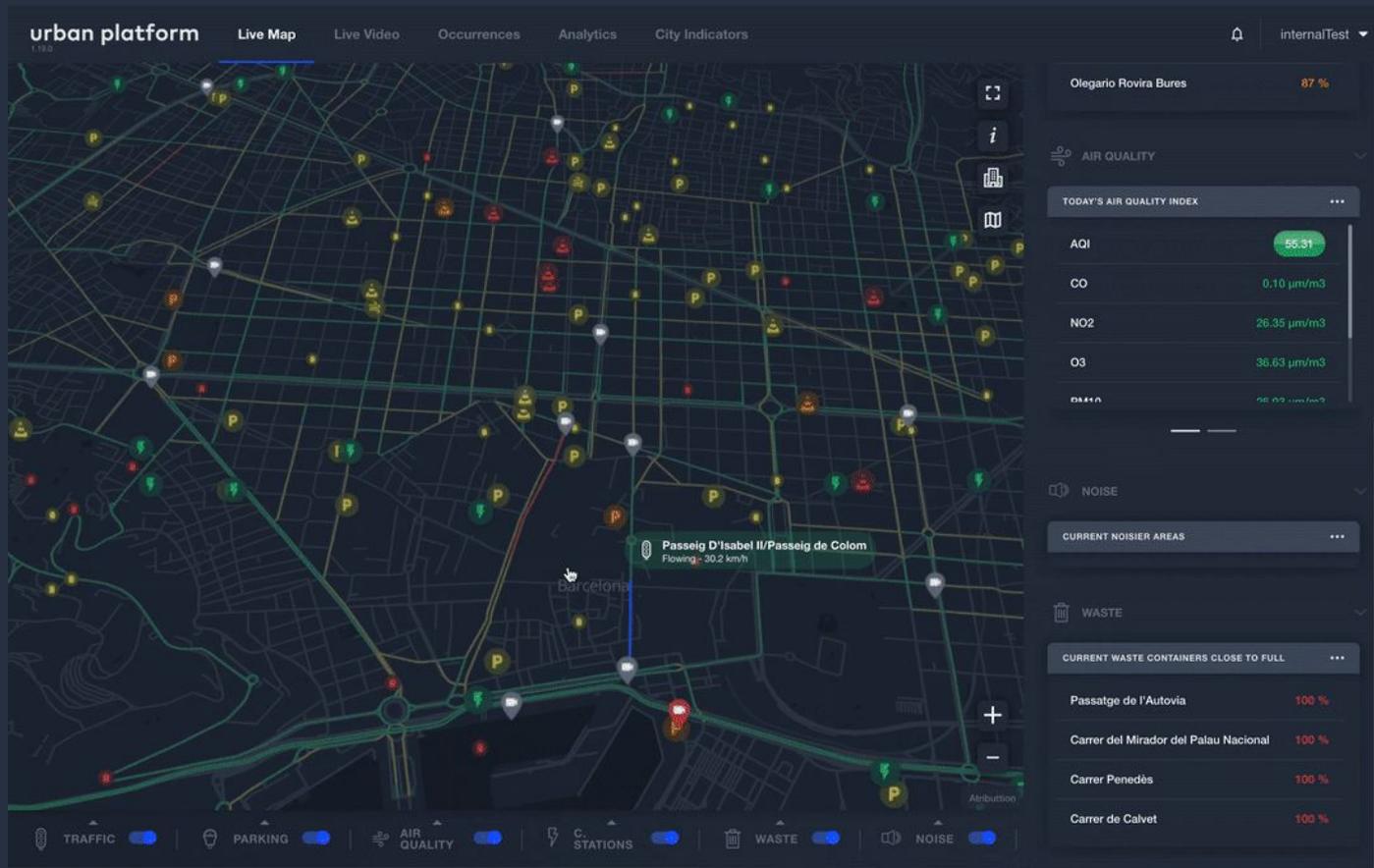
ubiwhere

Urban digital twin, a real-time status of the city

+ information from several domains and sources (traffic, electricity, pollution, waste management, urban infrastructure)

+ general overview of short-term historical data for comparison

+ capability to make decisions in real-time



ubiwhere

Provide better public services to citizens

+ custom workflows to make data analysis easier and more efficient

+ identify closest law enforcement units for route planning and operational efficiency

+ improving transparency and accountability

The screenshot displays the 'urban platform' interface with a navigation bar at the top containing 'Live Map', 'Occurrences', 'Analytics', and 'Indicators'. The 'Occurrences' section is active, showing a list of 400 ongoing events. A sidebar on the left provides filters for keyword, status, event type, source, and severity level. The main content area is titled 'Occurrences and incidents' and contains a table with the following data:

#	Category	Location	Status	Assignee	Creation	Last modification
#719	Outros Segurança Rodoviária	Rua Francisco Santos Guimarães, Urgezes, Guimarães, Brilha, Ave, Norte, 4800, Portugal	Received	-	01/06/2020 09:24:00	01/06/2020 08:25:25
#718	Em falta ou danificado Sinalização de trânsito	Padaria Lugarinho, Rua Doutor Raul Alves da Cunha, Costa, Guimarães, Braga, Ave, Norte, 4810-257, Portugal	Received	-	31/05/2020 20:30:00	31/05/2020 19:35:37
#717	Outros Danos no espaço público	Oliveira do Castelo, Oliveira, São Paio e São Sebastião, Guimarães, Braga, Ave, Norte, 4800-024, Portugal	Received	-	31/05/2020 00:10:00	30/05/2020 23:10:11
#716	Estrada ou passeio danificado Danos no espaço público	Talho Vitória, Rua Paulino Lobo, Urgezes, Guimarães, Braga, Ave, Norte, 4810, Portugal	Received	-	30/05/2020 13:30:00	30/05/2020 12:35:38
#715	Candeeiros danificados Danos no espaço público	Igreja de São Dâmaso, Rua Doutor Joaquim Meira, Oliveira do Castelo, Oliveira, São Paio e São Sebastião, Guimarães, Braga, Ave, Norte, 4800-024, Portugal	Received	-	29/05/2020 18:26:00	29/05/2020 17:31:00
#714	Candeeiros danificados Danos no espaço público	Rua Comandante João de Paiva Faria Leite Brandão, Carvalhos, Polvoreira, Guimarães, Braga, Ave, Norte, 4835-449, Portugal	Received	-	29/05/2020 14:12:00	29/05/2020 13:15:16
#713	Outros	Largo da Carvalha, Fermentões, Guimarães, Braga, Ave, Norte	Received	-	29/05/2020	29/05/2020

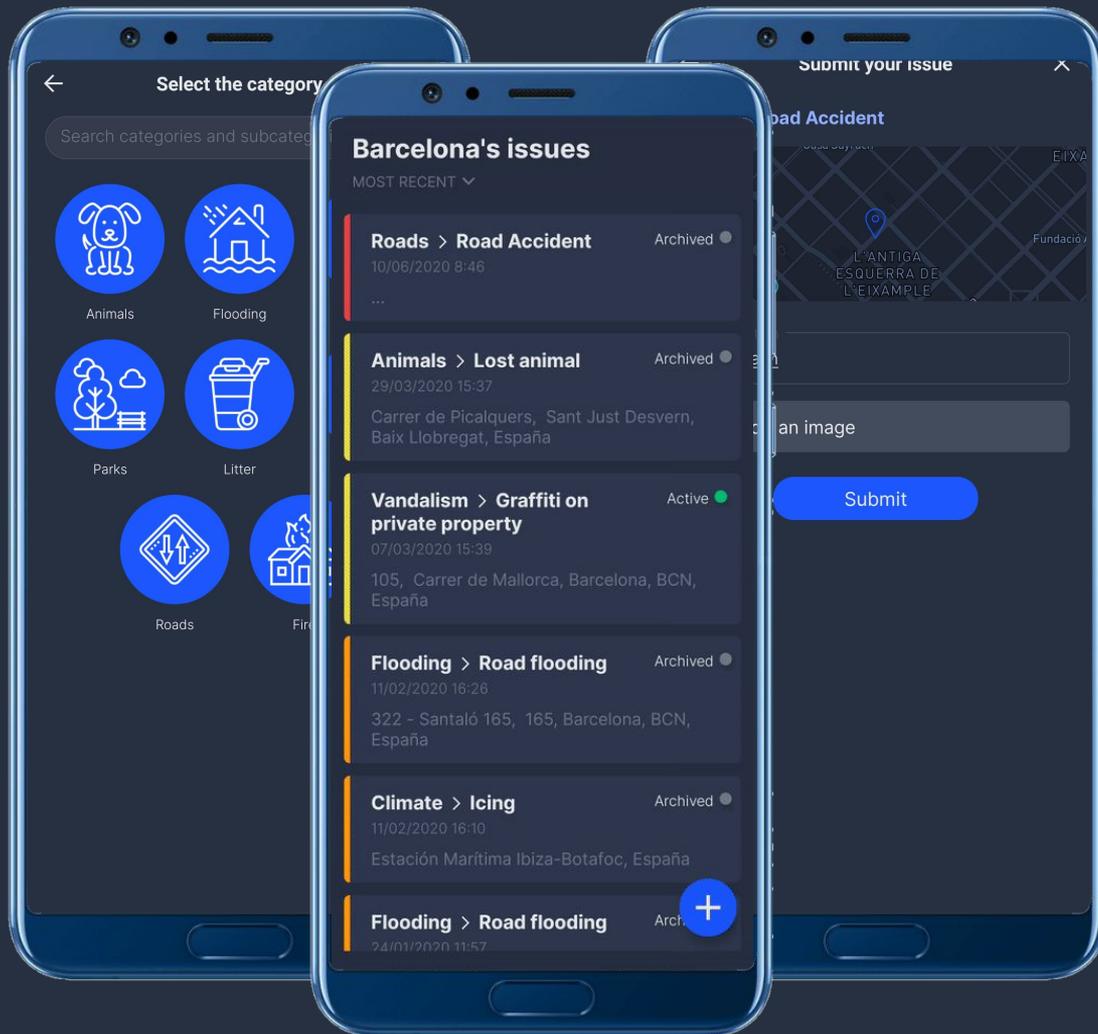
At the bottom of the interface, there is a pagination control showing page 1 of 6.

ubiwhere

Digital tools for the community

+ usable mobile applications for citizens to be able to provide feedback and report issues

+ easy integration with existing apps (SmartAppCity, CKAN, Open311)



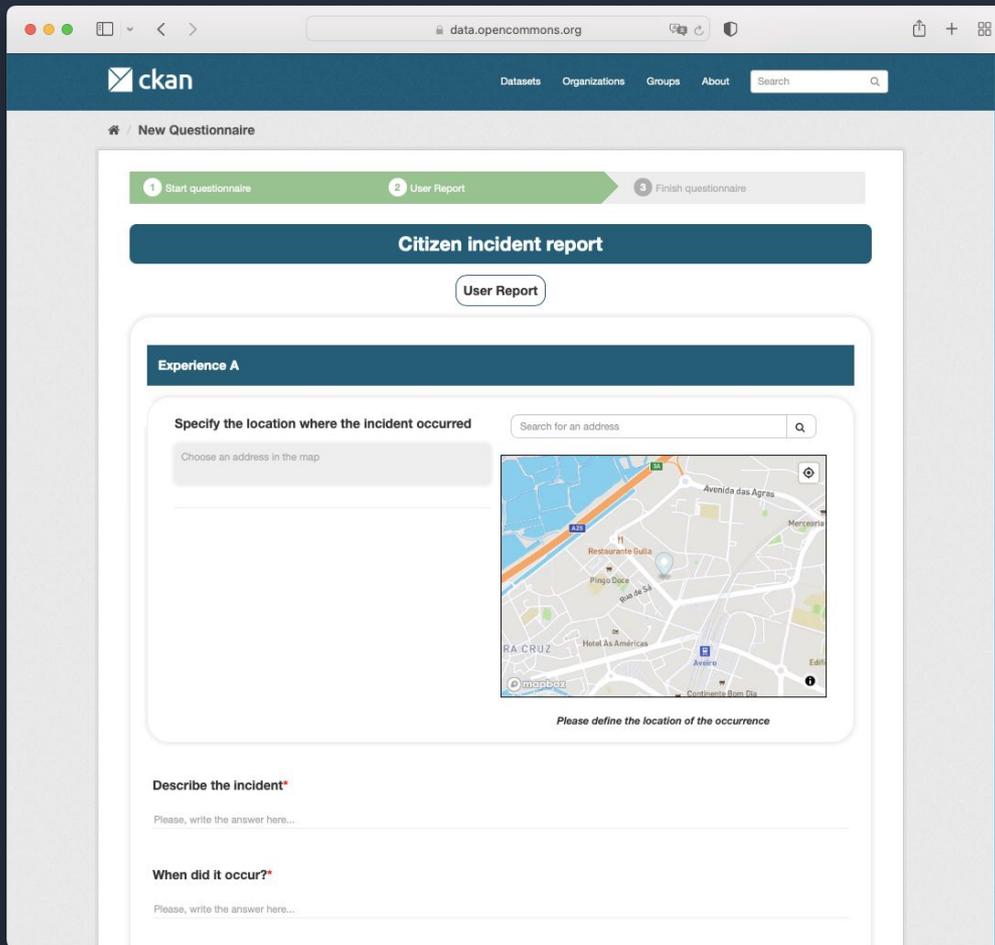
ubiwhere

Fostering Open Data (citizen-centric)

+ enhanced open-source
technology (CKAN) from
FIWARE ecosystem

+ engaging civic
participation and open
data publication

+ customisable surveys
for any data and context



Enabling AI

+ time-series forecasting of different datasets

+ explainable AI to help users understand the outcomes

+ estimating GHG emissions to encourage Green Deal policies

Traffic Emissions - Stavanger, Norway

Select the pollutant or Traffic Volume

CO2 (g/km)

CO2 (g/km) emissions for Traffic



Select the pollutant or Traffic Volume

Number of vehicles

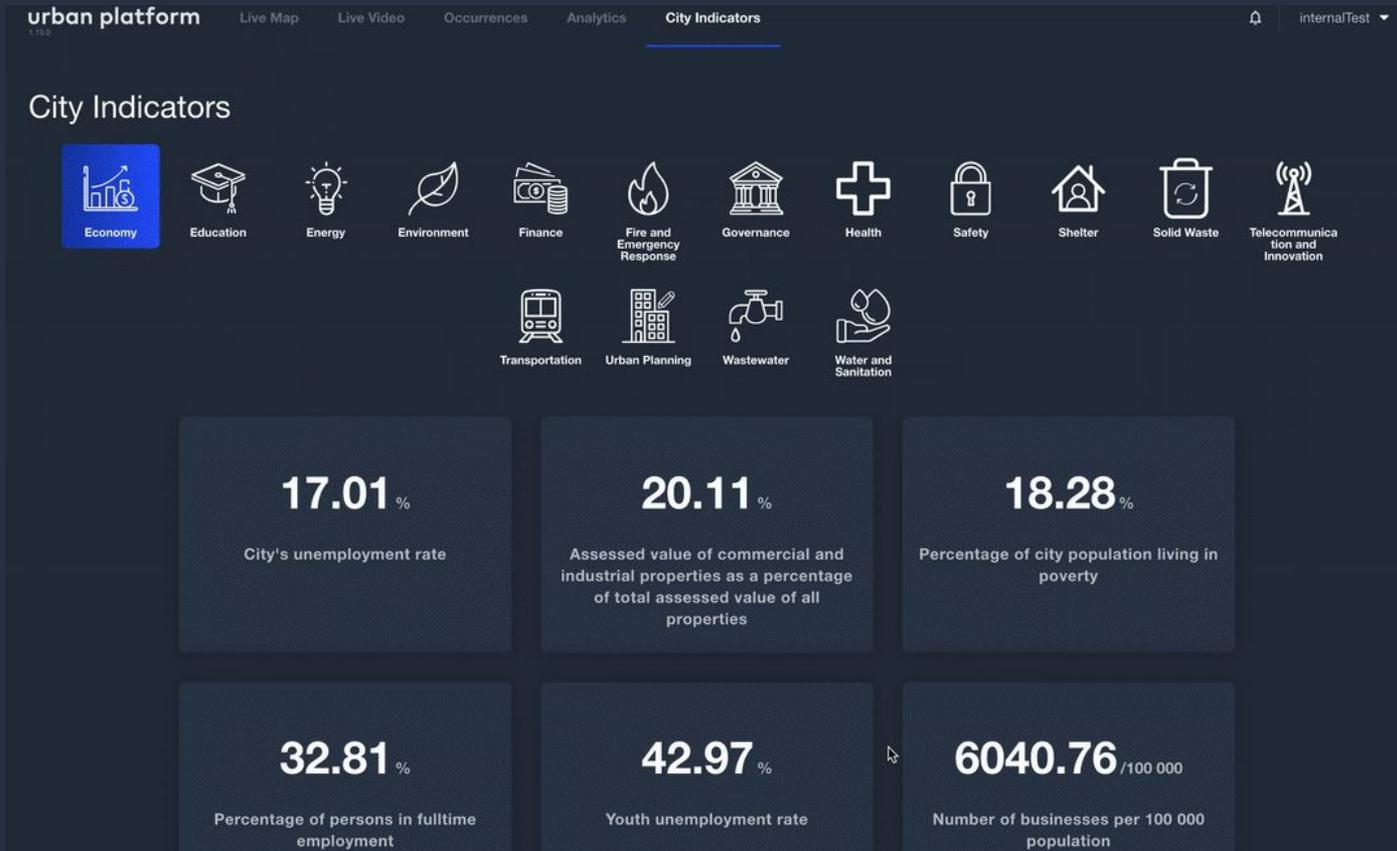
Total Number of Vehicles



Sustainability Indicators

+ Well-defined metrics to help cities benchmark their progress towards United Nations' Sustainable Development Goals

+ Benchmark the city throughout time with Sustainable Cities and Communities Indicators from ISO 37120 and 37122



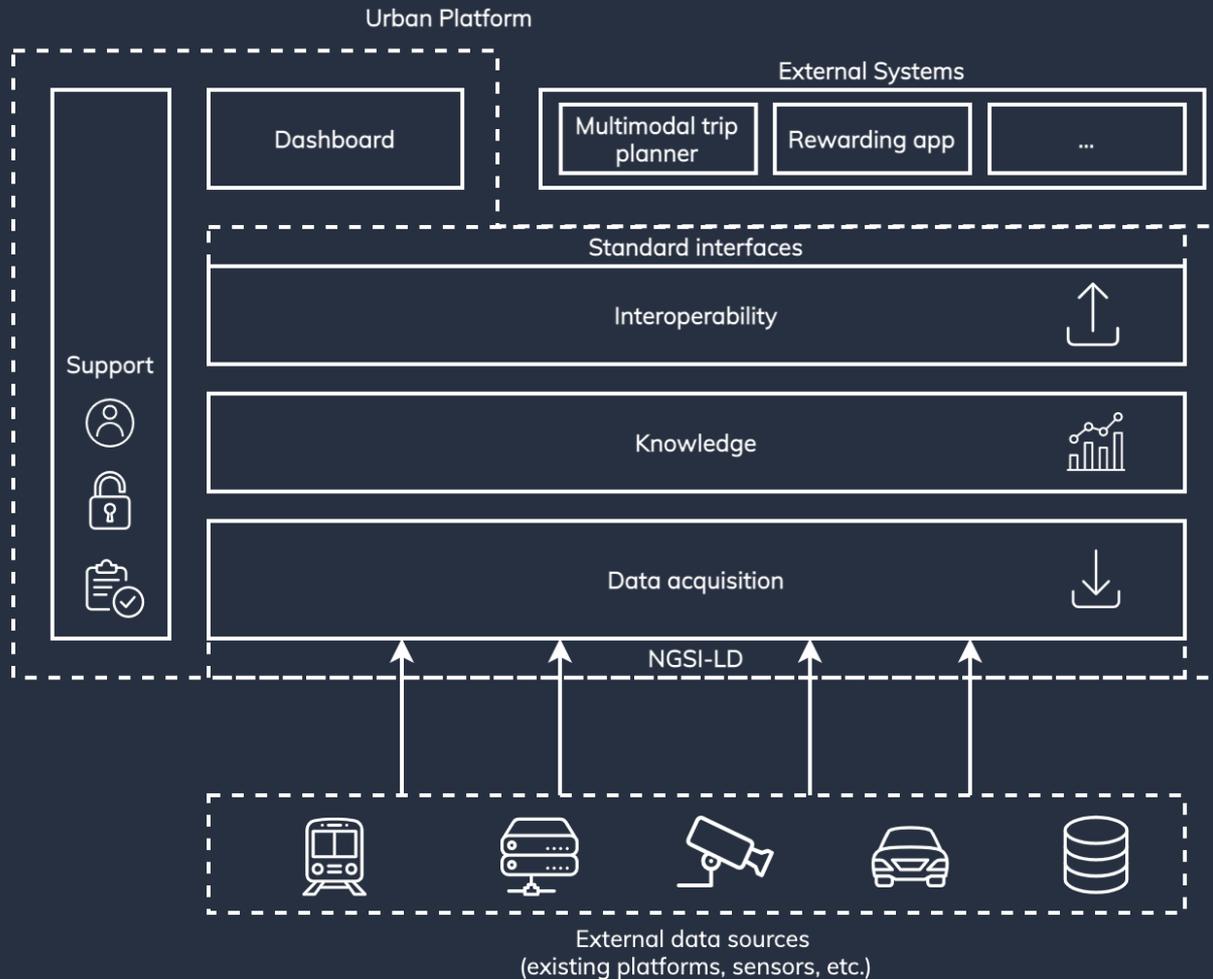
ubiwhere

Proven blueprint

+ open architecture approach with open-source technology and common standards

+ compliance with OASC MIMs, open APIs and FIWARE Smart Data Models

+ interoperable data formats promoting and fostering open data



ubiwhere

Suiting the future of sustainable communities.



ubiwhere

Guimarães

a best practice of
multi-stakeholder collaboration
by the European Commission



→ ELISE
European Location Interoperability
Solutions for e-Government

→ Gartner
Location Intelligence
Benchmark Case Study

ubiwhere



The image shows a colorful award certificate with a white center and a border of red, yellow, green, and blue. The text on the certificate is as follows:

 **WSA**
Portugal

urban platform

 **GOVERNMENT &
CITIZEN ENGAGEMENT**

 **Portugal**
WINNER 2021



We create
the future.

ubiwhere

Suiting the future of
cities and regions.

+ blueprint and reference
architecture for EU data space
for smart cities

+ real-time data collection and
analysis and digital tools for
the community

+ citizen-centric approaches
for transparency and better
governance

+ improving energy efficiency
and reducing GHG emissions

We're here for
the long run.

ubiwhere

Let's go for it?

Ricardo Vitorino

Head of Innovation (Smart Cities)

innovation@ubiwhere.com



ubiwhere