



CISMOB

Interreg Europe



European Union
European Regional
Development Fund

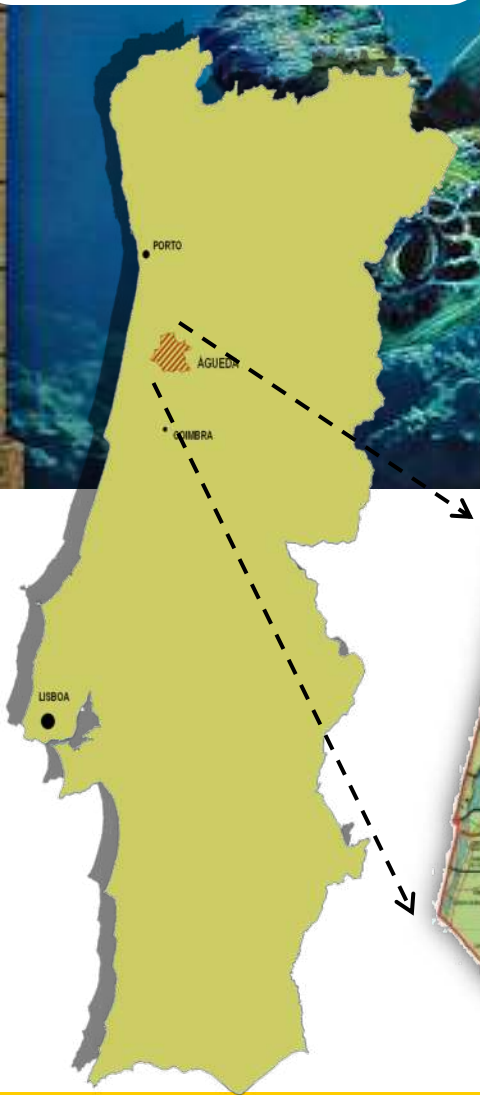
CISMOB

Cooperative information platform for low carbon
and sustainable mobility – Pilot action on Real
time Information for public Transport

Municipality of Águeda

Célia Laranjeira, Carlos Rodrigues, Carla Couceiro &
Edson Santos

Águeda



Main vision

Improving policy instruments to take advantage of new ICT, digital and interoperable platforms to increase the efficiency in the use of transport networks.

Action plans for Policy Instruments



Achievements

Águeda's Action Plan for Mobility: Actions Definition

In the scope of CISMOB's project, CMA established the following priorities:

- Optimization of the walking and cycling network;
- Restructuring of the public transport network;
- Expanding the shared electric bicycle system to new places;
- Improve the accessibility to everyone;
- Promote the increase of the number of electric vehicles;
- Promote actions to change the behaviour towards sustainable mobility.

These guidelines match with the ones presented in PIMTRA and EMSA 2020, with "only" the update of the measures and proposals to be made, considering the projects and actions CMA aims to undertake.

1.2.7. Monitoring of Performance

The following environmental and performance indicators are proposed:

Action	Environmental and performance indicators
Partnerships in the Business Mobility field	<ul style="list-style-type: none"> • Number of Business Mobility Plans implemented; • IP of people that started using soft transport modes due to the action plans; • Kilometres made in private car reduced due to mode transfer.
Partnerships in the School Mobility Area	<ul style="list-style-type: none"> • Number of School Mobility Plans implemented; • IP of students that started using soft transport modes due to the action plans; • Kilometres made in private car reduced due to mode transfer.
Attractive and Efficient Collective Transport Network	<ul style="list-style-type: none"> • Number of passengers transported by the bus network; • Number of students that use the train as school transport.
Electric Bikes Network	<ul style="list-style-type: none"> • Number of users of this network; • Kilometers made in trips that use this network.
"Mover-me na minha freguesia"	<ul style="list-style-type: none"> • Number of people that participate in this initiative



Other achievements...

CISMOB international events



**Smart cities:
How Intelligent
is transport?**

**Stockholm
SEP 2016**



**Explore targeted
policy strategies
to support the
use of ICT and
e-mobility**

**Extremadura
MAR 2017**



**Intelligent
transport
systems
towards a low
carbon mobility**

**Bucharest
OCT 2017**



**ICT, soft and
connected
mobility**
**From science to
policy and from
policy to real
world**

**Centro
MAR 2018**

Project Events

2nd Regional Stakeholder Meeting - Portugal Centro

Organised By: University of Aveiro, City of Agueda



APR
07
2017



Project Events

4th main CISMOB Interregional event in Centro Region

Organised By: University of Aveiro, Municipality of Águeda

MAR
07-09
2018



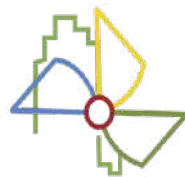
Staff Exchange

Estocolmo



Águeda





Águeda Sm@rt City Lab



ÁGUEDA SM@RT CITY LAB Living Lab for a low carbon city



Act LOCAL

Thinking

GLOBAL



Águeda Sm@rt City Lab

Laboratório Vivo para a Descarbonização

Águeda Sm@rt City Lab is a living lab that is developed in an open environment of innovation, where the municipality, citizens, companies and schools collaborate in the development, implementation, validation and testing of new technologies, services and their applications in a particular area of the city.





Águeda Sm@rt City Lab

Laboratório Vivo para a Descarbonização





ECONOMIA CIRCULAR
E AMBIENTE



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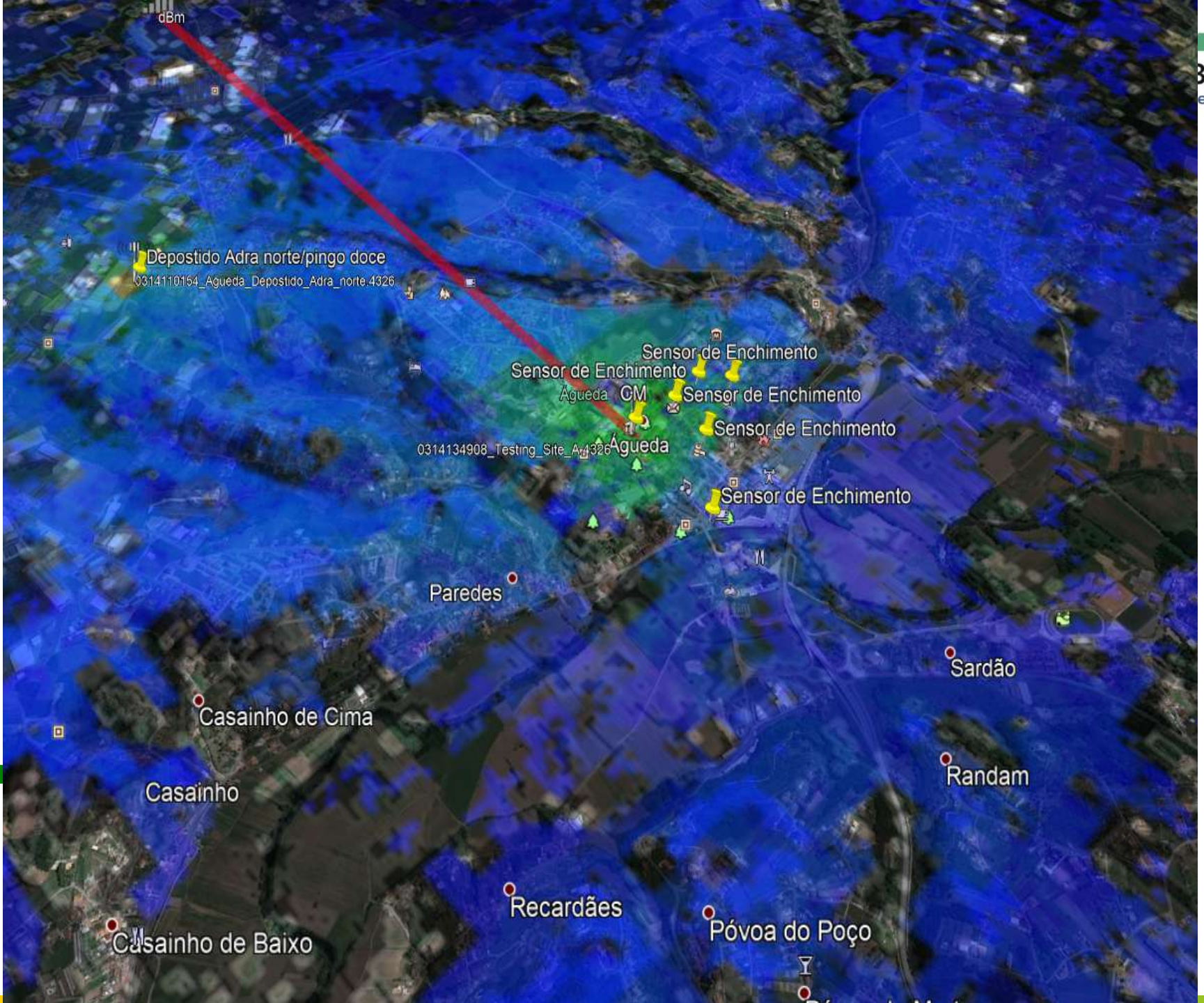
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Smart meters for waste

- 20 smart meters implemented in the containers





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Laboratório Vivo para a Descarbonização



Remission reducers

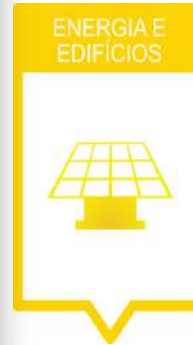
- 21 vehicles of the municipality's passenger car fleet





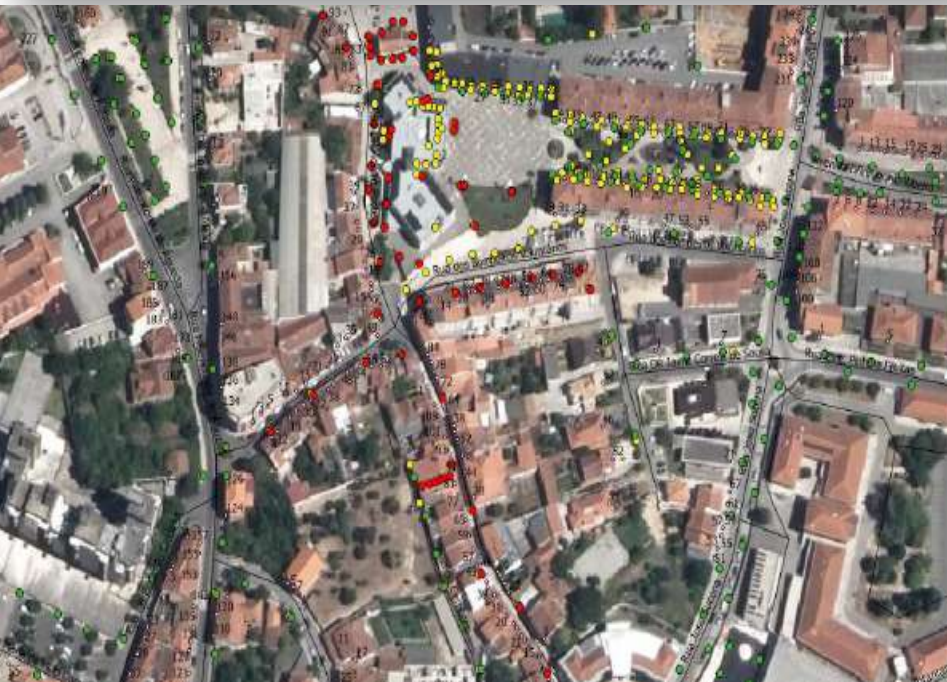
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Energy efficiency in street lighting

- Replacement of PT 150 luminaires with LED, incorporating flow management and regulation system





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ENERGIA E
EDIFÍCIOS



Self-Consumption Production Units

- 20 kW
- 16 tons of CO₂ avoided annually
- Savings ~ 5.400,00 €

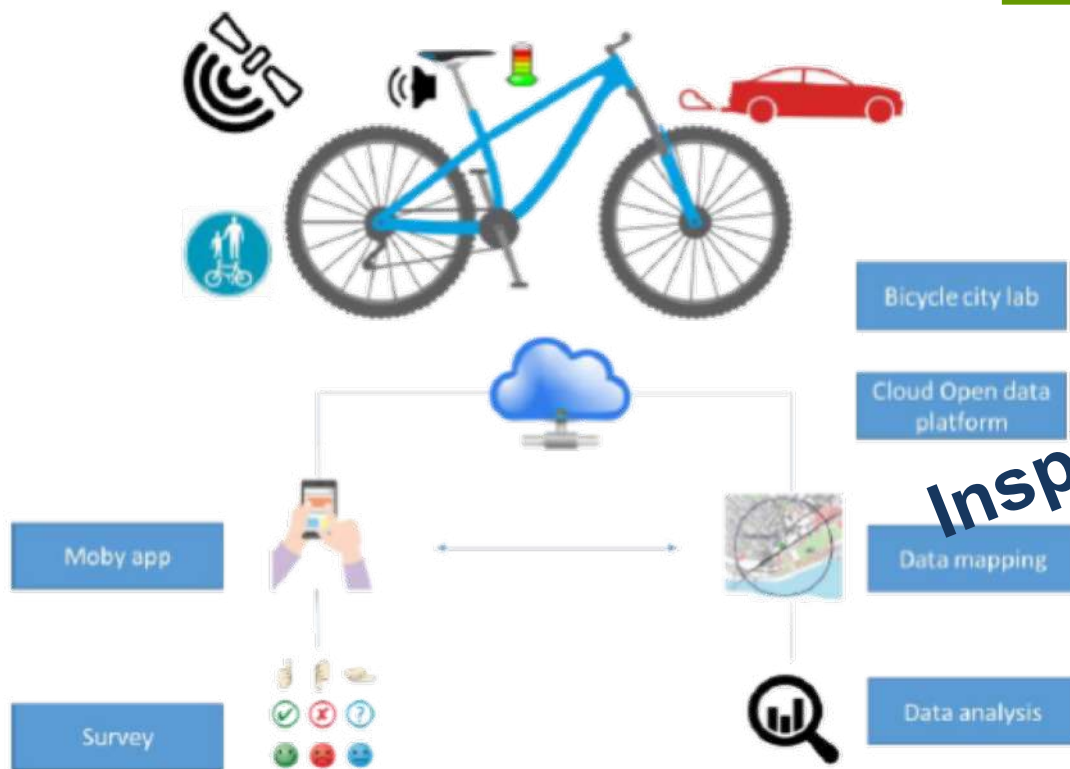
Humanitarian Association of Águeda
Volunteer Firefighters



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Laboratório Vivo para a Descarbonização

Connected Bikes





Smart city Platform

Data aggregation platform from the various intelligent systems (parking, mobility, air quality, water, waste, lighting)

App

Application for recording by the population of their daily behavior in various thematic areas (energy, mobility, waste, buildings)



Inspired by... CISMOB



0 mm/m²

12.9 km/h

14°C

101

0 W

Risco Incêndio Reduzido

Fechado

CÁMERA MUNICIPAL

234.31 Kwh/dia

1.5 db

148 CO µg/m³

8 m

SMART CITY

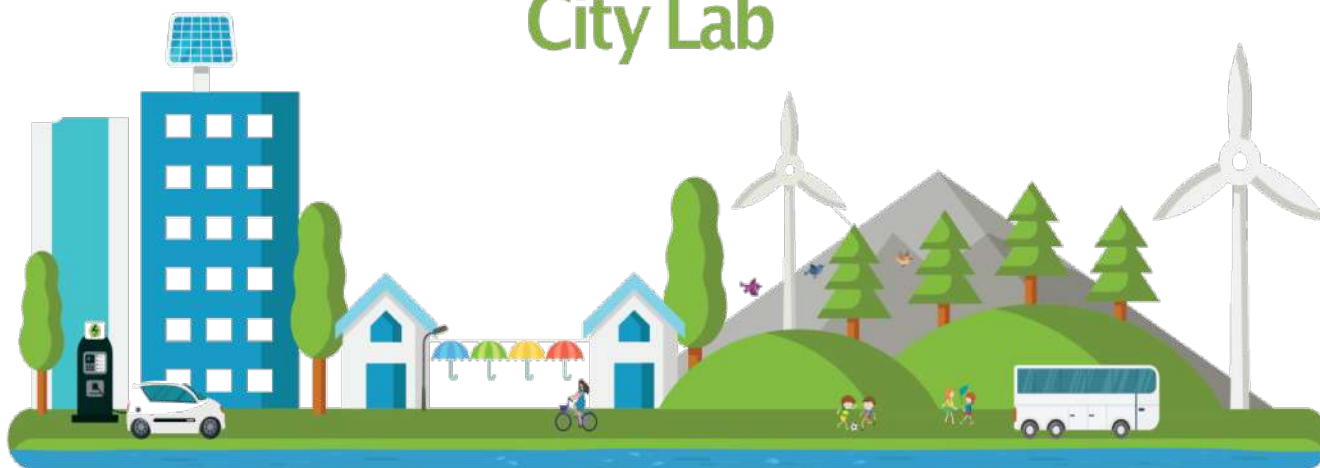
More challenges

Mobilize the entire community, with a special focus on those residing, working or using the demarcated area to, together with the municipality and other partners, think, develop and implement innovative actions that promote the reduction of Greenhouse Gas emissions (GHG) and the adoption of climate change mitigation measures.





Águeda Sm@rt City Lab



ÁGUEDA SM@RT CITY LAB

Águeda a city Low-carbon

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