



EUROPEAN WEEK OF  
REGIONS & CITIES

2003 - 2022

New Challenges for  
Europe's Cohesion

# AVEIRO TECH CITY Technology for Better Living



12.OCT.2022 | José Ribau Esteves | Mayor of the City of Aveiro, Portugal





## — Aveiro

With a current population of around 80 thousand inhabitants, Aveiro over the last 18 years have registered a significant population increase (around 15%) compared to cities like Coimbra, Porto or Lisbon and to the country as a whole (7%).

**80 000**

inhabitants

**15%**

population increase



# — Aveiro Tech City

## Aveiro STEAM City

Main objectives:

- Support the development of a local economy based on technological innovation and knowledge
- Implement a STEAM Education Strategy to prepare our youngsters to the future job market
- Attract and Retain TALENT for our local economy

Co-Creation process with:

- University of Aveiro
- Instituto de Telecomunicações
- Altice Labs

# ACTIVITIES

1<sup>st</sup> AXIS

## EDUCATION

- Tech Labs in Schools – 1st, 2nd & 3rd Cycle
- Tech Labs in Schools – Secondary Level
- STEAM training for teachers
- STEAM resources platform UBBU
- *Escola Ciência Viva*
- STEAM RESIDENCES
- STEAM European Network

2<sup>nd</sup> AXIS

## TRAINING

- Tech City Bootcamp
- Criatech Artistic Residences
- MTF Labs
- Employment Office
- STEAM Training | Aveiro Social and Educational Alliance
- Regional Labour Observatory

3<sup>rd</sup> AXIS

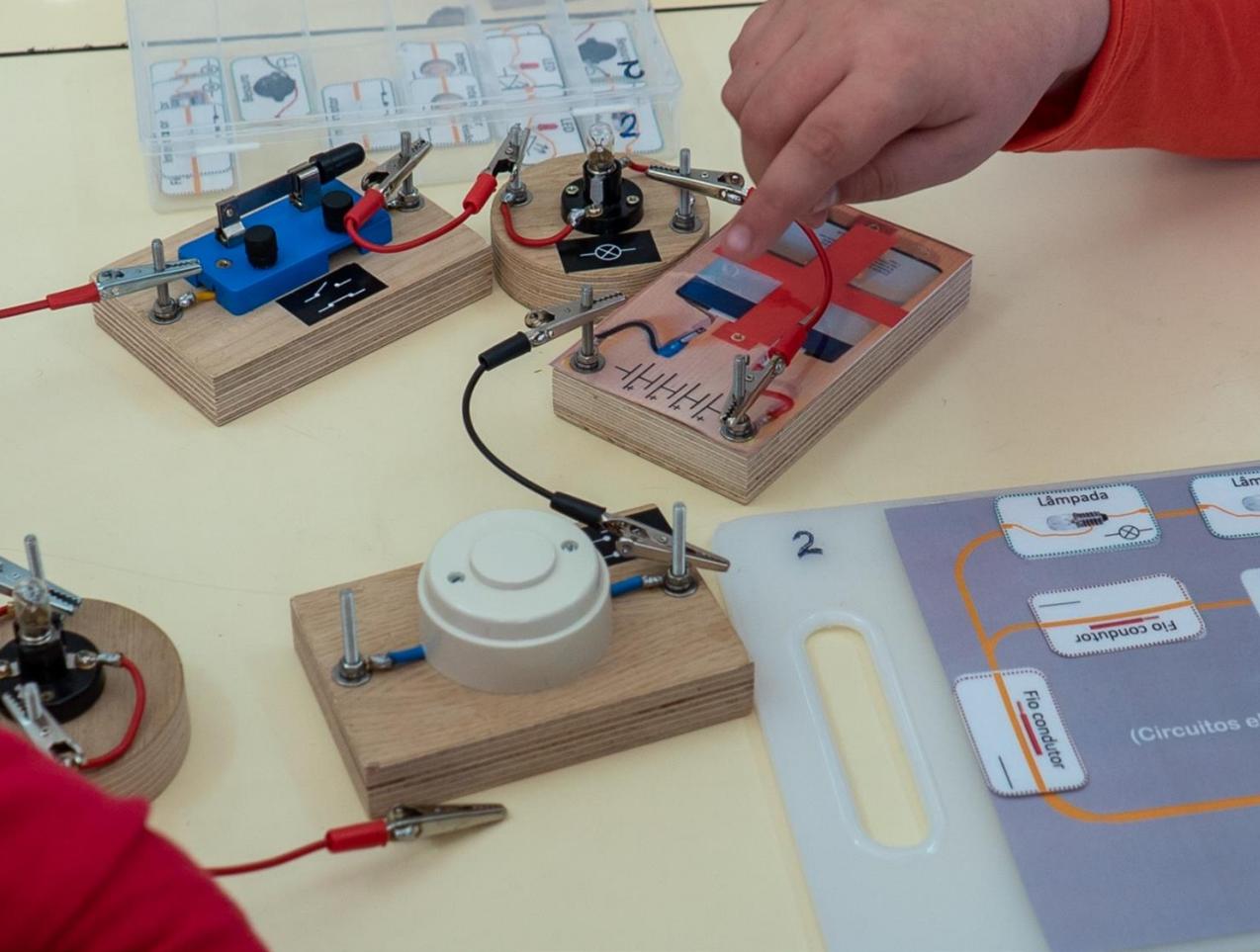
## TECH, SERVICES & APPS

- Aveiro Tech City Living Lab
- Urban Platform
- Aveiro Municipal Card
- Use Cases to Support Digital Transformation [Culture, Environment, Energy, Mobility]
- European Structural Funds Projects [Horizon Europe | P2030 | PRR | Others]

4<sup>th</sup> AXIS

## CHALLENGES

- .Aveiro Tech City Challenges
- Participatory Budget with Direct Intervention
- Aveiro Young Creator
- Art & Tech Events [Dance, Theatre, Music]
- Aveiro Tech City Open Days



# — STEAM EDUCATION Tech Labs

## 1<sup>st</sup> Cyle of Education:

- 31 Tech Labs
- + 2300 students from primary school engaged
- + 140 Engaged teachers

## 2<sup>nd</sup> and 3<sup>rd</sup> Cycle of Education:

- 7 Tech Labs
- + 1000 Students engaged
- + 50 Engaged teachers

## Secondary Level:

- 4 Tech Labs
- + 670 students engaged
- + 15 Engaged teachers





# — Aveiro Tech City Living Lab

The Living Lab infrastructure aims to be a space for testing innovative solutions, where multiple stakeholders collaborate in the development, validation and testing of novel technologies and services in a real context.

What do we have?

- . **16 kms** of the latest generation **fibre** technology
- . **44 reconfigurable radio units** with a different set of sensors for data collection
- . **5G network**, that includes 4 macro cells and 1 5G Core
- . Urban **digital platform**

To whom?

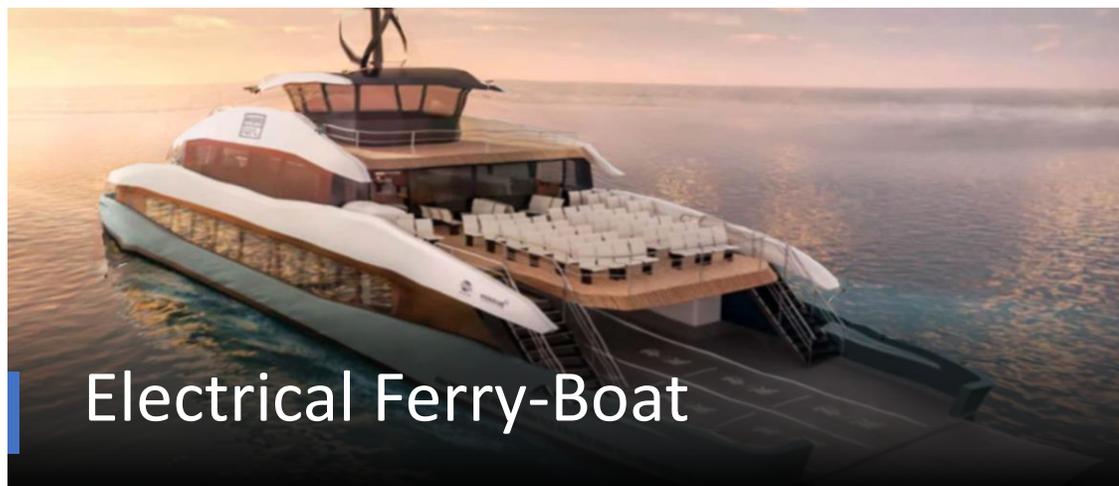
At the service of researchers, digital industries, startups, scaleups, R&D centres, entrepreneurs and other stakeholders interested in developing, testing or demonstrating new IoT and Smart Cities products or services.

# — ENERGY

## Aveiro has signed the Covenant of Mayors for Climate & Energy

### Objectives with 3 actions:

- . Reduce more than 1Millions Tons of CO2 emissions per year
- . Provide better MOBILITY services to our citizens and tourists





Criatech



TECHDAYS



PRISMA  
ART LIGHT TECH



TECH  
CiTY

MAYOR of the CITY of AVEIRO

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