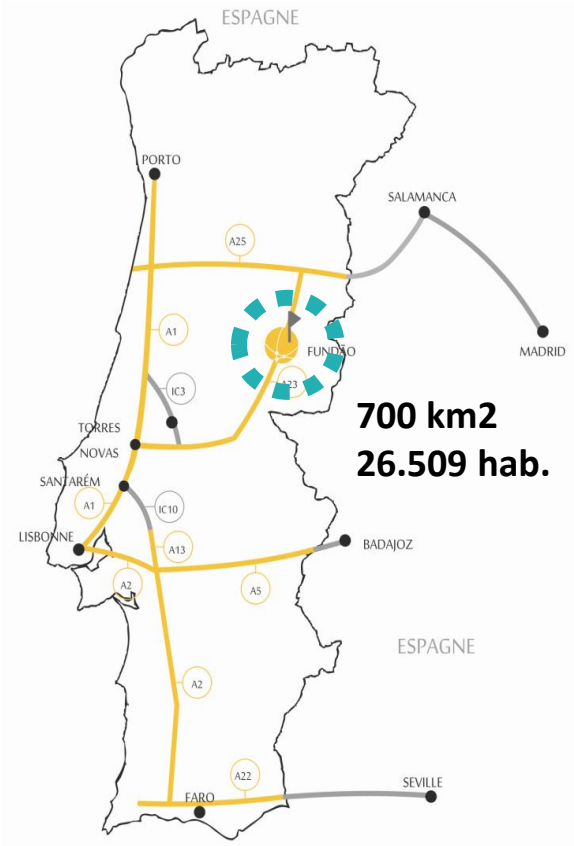
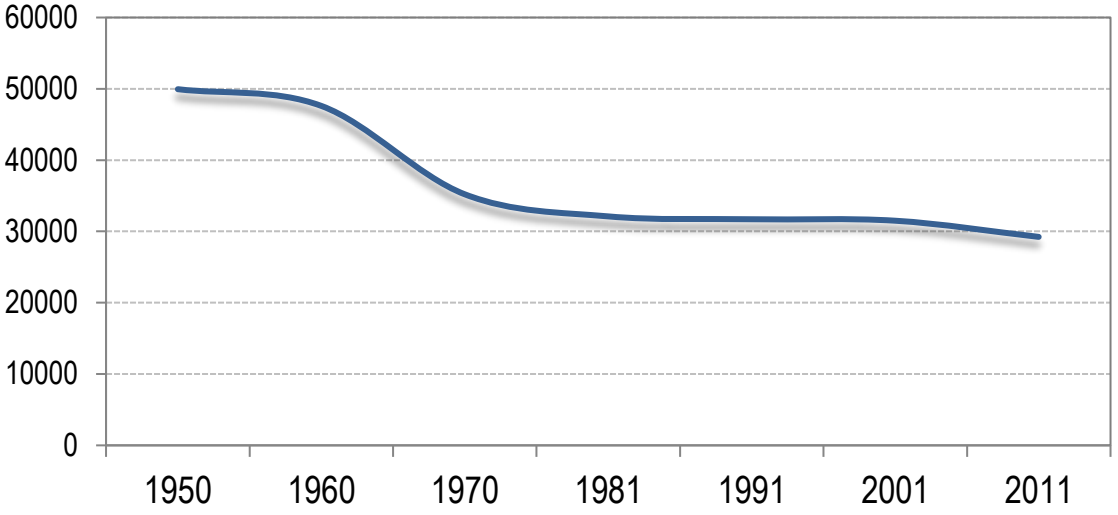
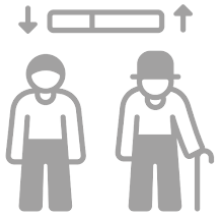
OLA!



700 km2
26.509 hab.


60000
50000
40000
30000
20000
10000
0
1950
1960
1970
1981
1991
2001
2011



fundão

innovation plan

OPEN
FOR BUSINESS

OPEN
GOVERNMENT

OPEN
ARMS

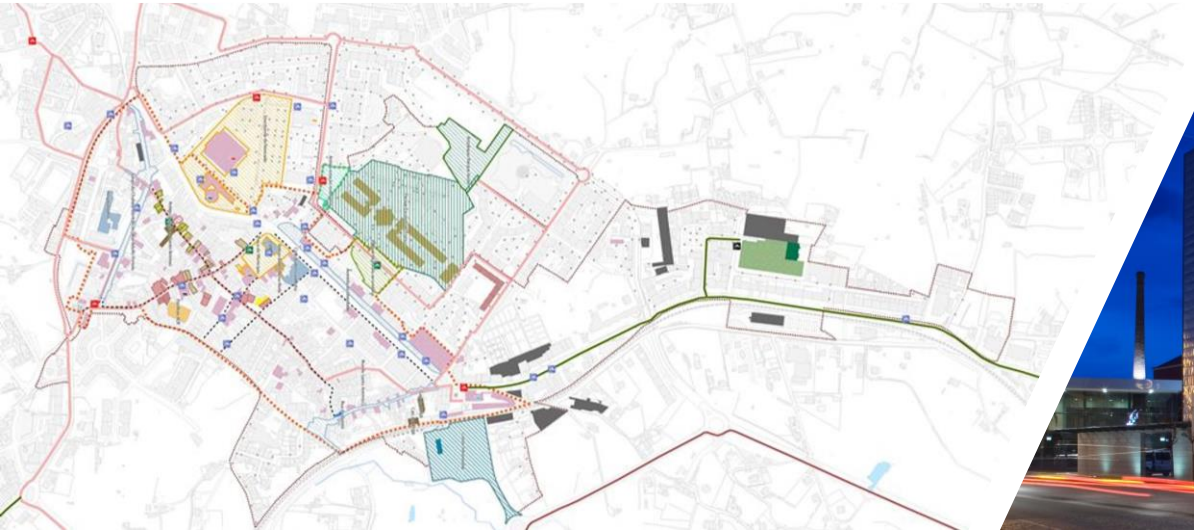
OPEN
MINDS

OPEN
SOURCE

OPEN
CULTURE

fundão

REGIOSTARS 2018
WINNER



P.P.D.
P.P.D.

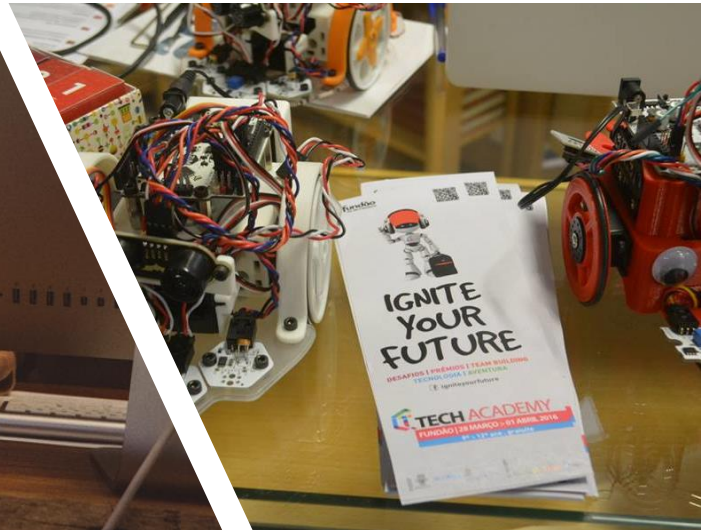
FUNDÃO GAMING CLUSTER

VOX

POLICE

PAULO

A TRADIÇÃO MANUAL
SE DESVANECE
APAGA-SE UMA PARTE
DA NOSSA MEMÓRIA
COLECTIVA.
UMA SOCIEDADE QUE
TRADITION FADES,
A PART OF OUR
COLLECTIVE MEMORY
IS ERASED.
A SOCIETY THAT
SUPPORTS ARTEFACT
MANIFESTATIONS
THEREBY MAINTAINS
ITS IDENTITY AND
SINGULARITY"


IGNITE
YOUR
FUTURE
TECH ACADEMY

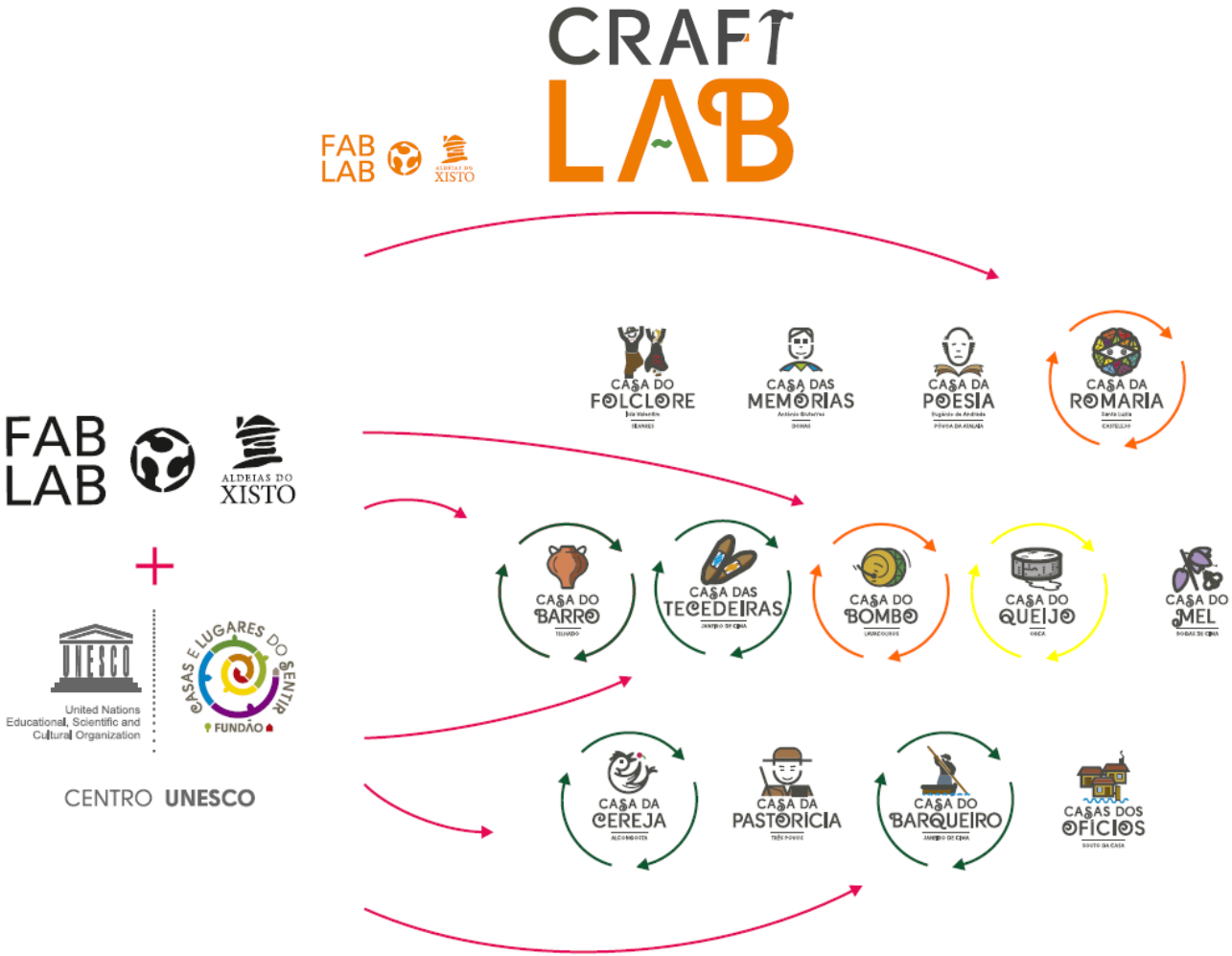
Advanced Training Center

INSTITUTO DO EMPREGO
E FORMAÇÃO PROFISSIONAL
(in partnership)

Graduated Students
(Since 2017)
> 1200

Available Courses:

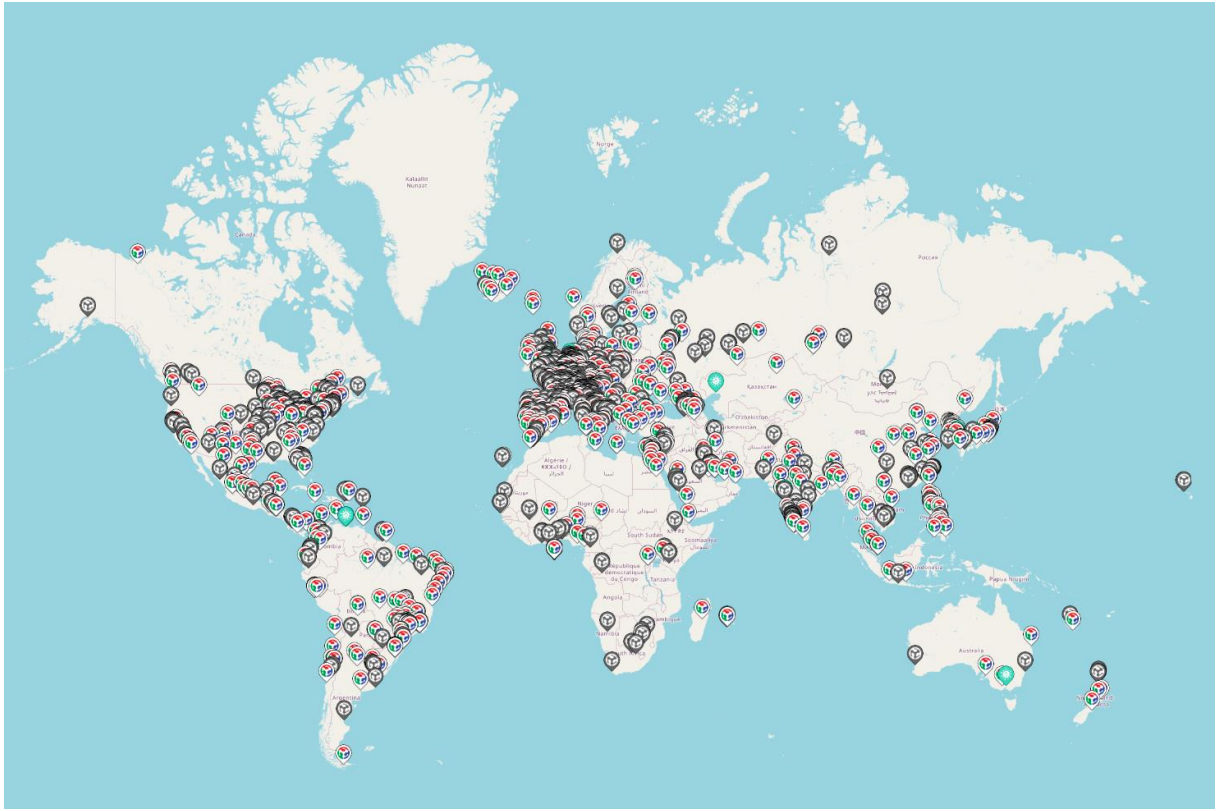
- IT
- Precision Metalworking
- Programming CNC
- Agriculture & Agri-food
- Textile
- Polishing

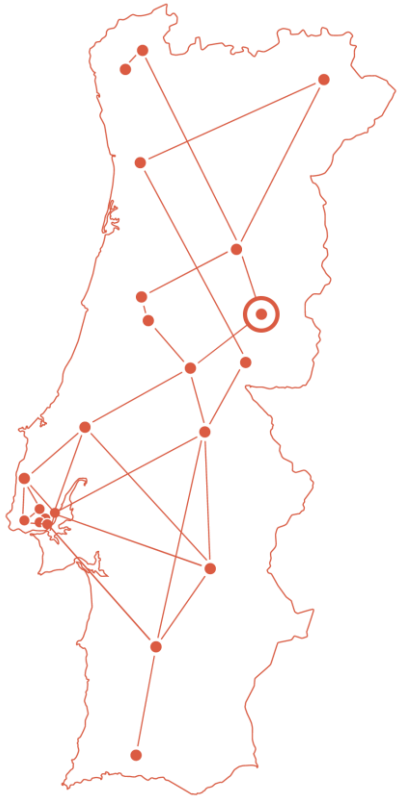

CRAFT
LAB
FAB LAB
ALDEIAS DO XISTO
CASA DO FOLCLORE
CASA DAS MEMÓRIAS
CASA DA POESIA
CASA DA ROMARIA
CASA DO BARRO
CASA DAS TECEDEIRAS
CASA DO BOMBO
CASA DO QUEIJO
CASA DO MEL
CASA DA CEREJA
CASA DA PASTORÍCIA
CASA DO BARQUEIRO
CASAS DOS OFÍCIOS
United Nations Educational, Scientific and Cultural Organization
CASAS E LUGARES DO SENTIR
FUNDÃO
CENTRO UNESCO

CRAFT LAB FUNDÃO

WITHIN THE SCOPE OF THE "CASAS E LUGARES DO SENTIR", THE CRAFT LAB WAS ESTABLISHED, IN PARTNERSHIP WITH THE FABLAB ALDEIAS DO XISTO AND CEARTE - PROFESSIONAL TRAINING CENTRE FOR HANDICRAFTS AND HERITAGE, AIMING TO PROMOTE THE USE OF DIGITAL FABRICATION TECHNOLOGIES AND DESIGN PROCESSES AS TOOLS TO SUPPORT AND VALUE THE HANDICRAFT PRODUCTION, AS WELL AS BRINGING INNOVATION TO OLD CRAFTS AND ADAPTING THE OBJECTS TO TODAY'S WORLD

FAB LAB | ALDEIAS DO XISTO





SMART RURAL TESTBED

AGROTECH CENTER

5G LAB
IoT OPEN LAB
DESIGN FACTORY
BUSINESS CENTER

COWORKING

INCUBATOR AND ACCELERATOR FAB LAB

SOCIAL INNOVATION LAB

ADVANCED TRAINING CENTER

LORA NETWORK (700 Km2)

BIOTECH PLANT LAB

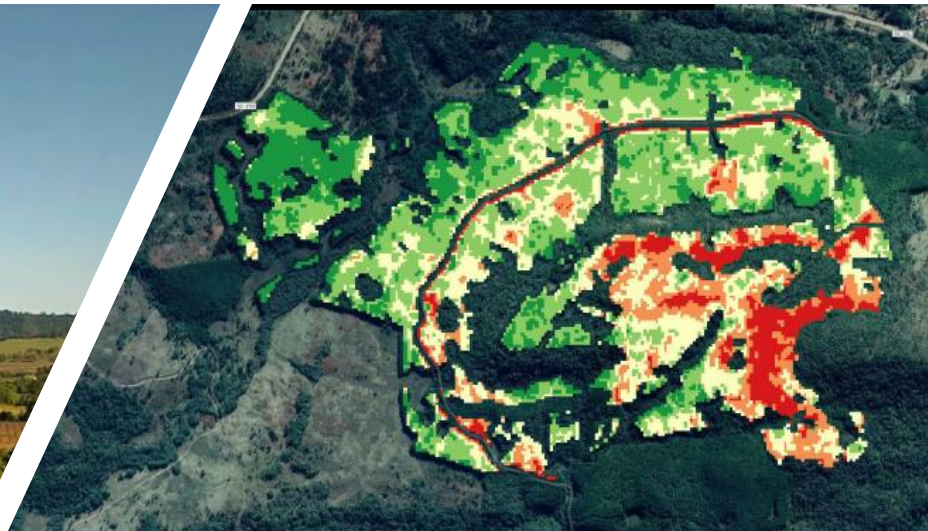
fundão
365 dias à descoberta

Agro IoT Centre

- Business Incubation Centre
- Scale-Up Seminars
- **Open Lab**
- Funding Hub
- IoT Showroom
- Networking Factory

THE THINGS NETWORK
Fundão

AgroTech
challenge



+ 80 projects in execution

MUV
MOBILITY URBAN VALUES

IoTXchange
CONNECTING CITIES FOR BETTER LIFE

METACITY

Horizon2020
European Union Funding
for Research & Innovation

URBACT

Co-funded by
the European Union
Interreg

nevers
Analyse des consommations par lot
TOP10 - Consommation /lots
Evolution de la consommation
Lab

URBACT
URBACT

WASTE HERO
Projects (1)
Dashboard
Asset Management
Operation Management
Fleet Management
User Management
Customer Management
Analytics
Notifications
Settings
Support
Fill Level
3D Graph

Road to Fundão Digital Twin

- **INNOVATION PLAN**
  - Innovation ecosystem
  - Smart City Strategy / IoT & LoRa
  - Mapping and Data gathering on GIS°
  - New Masterplan
- **NETWORKS AND PARTNERS**
  - OASC (Lordimas, LDT Helpdesk, DataSpaces)
  - ENOLL
  - Data CoLab – CIT
- **PROJECTS**
  - MUV
  - IoTXChange
  - Agendas Route 25 / Blockchain
  - Plenty-LIFE
- **INSPIRATION**
  - Benchmarking
  - MIPIM
  - SCWE Barcelona
- **FUNDING**
  - SSA URBACT
  - Municipal Budget
- **DIGITAL TWIN DEVELOPMENT**
  - June to December
  - Data: GIS, Google, IoT, LoRa, CIT, Copernicus
  - Pilot in Q1 2025
  - Ambitious and Ongoing process
- **BIM ACADEMY**

ROUTE 25 AMBITION & MOTTO

Bringing Portugal to the forefront of Connected and Automated Mobility

ROUTE PORTUGAL 25

- ASSISTED AUTONOMOUS DRIVING FOR SAFE MOBILITY
- DIGITAL EXPERIENCE & ADAPTIVE CONNECTIVITY
- CONNECTED INFRASTRUCTURE FOR RESILIENT AND INCLUSIVE CITIES
- INTELLIGENT INFRASTRUCTURE FOR LOW-CARBON INTERCITY MOBILITY
- LARGE-SCALE DEMONSTRATOR

+40M€ Investment

47 New PPS (Products, Process and Services)

+1000 New Jobs

+80M Turnover

Multi-site regional impact

3 LARGE-SCALE TECHNOLOGY DEMONSTRATORS

- **>300Km** connected in highway
- **3 urban regions** (Porto, Aveiro & Ílhavo, Fundão)

Technology Producers

VENIAM, smartlamppost, openvia, wavecom, soltrafego, ctt, antts, Capgemini engineering, vodafone, NOS, stratio, ADDVOLT, ubiwhere, CHARGEUP&GO, TIS, NORS, beta-i

Technology Takers

ASSOCIAÇÃO PORTO DIGITAL, AVEIRO, ANSR

Technology R&D

VORTEX CoLab, it instituto de telecomunicações

VISION 2030

EU Adaptation Mission Charter Signatories
Net Zero Cities Twinning Learning Programme
Soil Manifesto Signatories
+ Covenant of Mayors Signatories
+ New European Bauhaus (CrAFt Cities)

European Network of Living Labs (ENoLL)
Open and Agile Smart Cities (OASC)
LIVING-IN.EU
UNESCO Global Network of Learning Cities

+ SUSTAINABLE

+ SMART

SMART GOVERNANCE
INNOVATION ECOSYSTEM
DIGITAL SKILLS AND EDUCATION
COLLABORATION AND INNOVATION NETWORKS

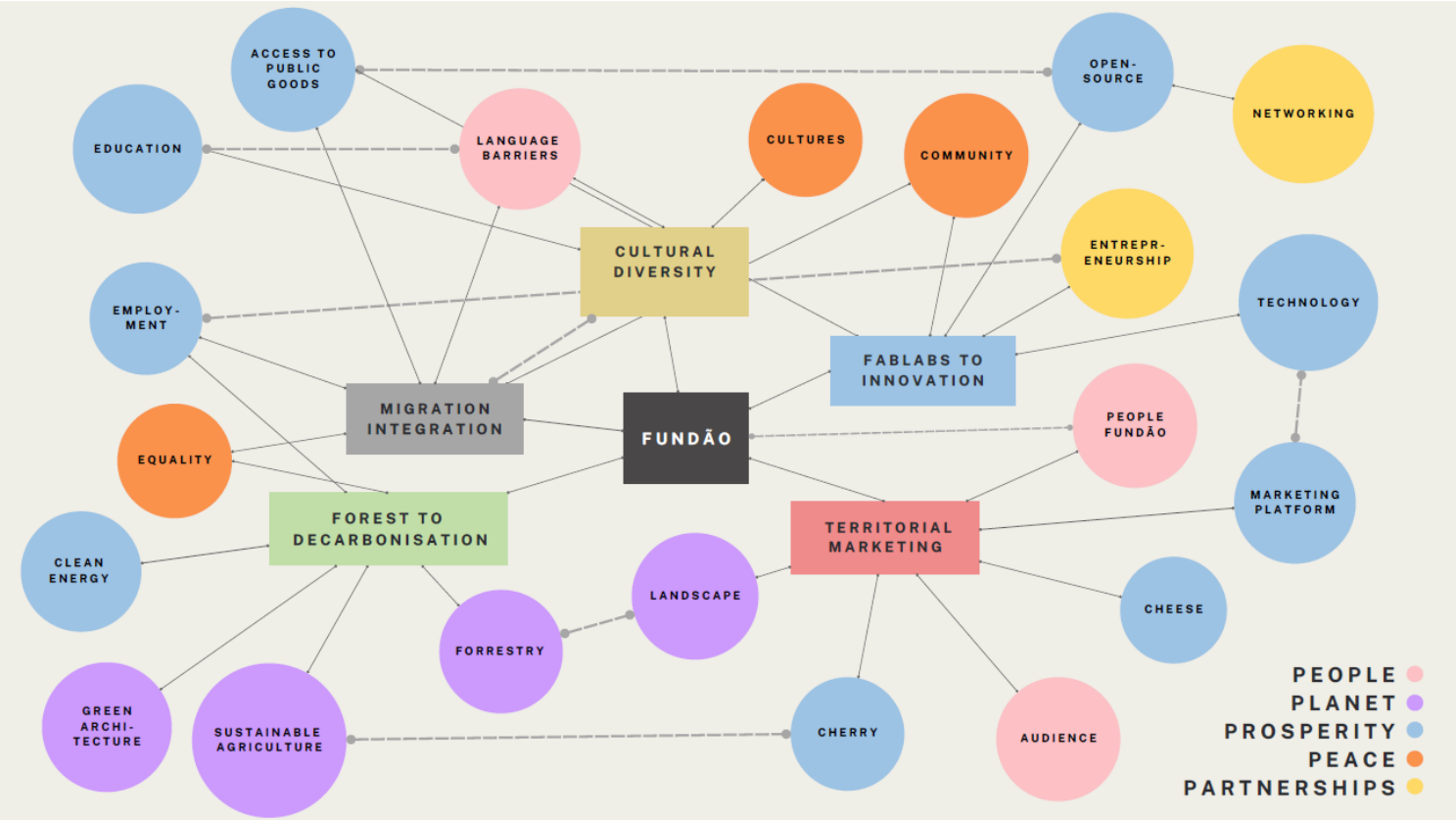
European Capitals of Diversity and Inclusion Award 2023

+ INCLUSIVE

WELCOMING LAND
AGELESS CITY
DECENT HOUSING
LEARNING CITY

CESOPlocal
ODSlocal

Fundão Voluntary Local Review



FUNDÃO + SUSTAINABLE

Commitment:

- Reduce CO2 (and possibly other greenhouse gas) emissions in the territory by at least 40% by 2030, in particular by improving energy efficiency and making greater use of renewable energy sources. Increase its resilience by adapting to the impacts of climate change.

EU Adaptation Mission Charter Signatories

Net Zero Cities Twinning Learning Programme

Soil Manifesto Signatories

+ Covenant of Mayors Signatories

+ New European Bauhaus (CrAFt Cities)

FUNDÃO + SUSTAINABLE

SUSTAINABLE BUILDINGS

SUSTAINABLE MOBILITY

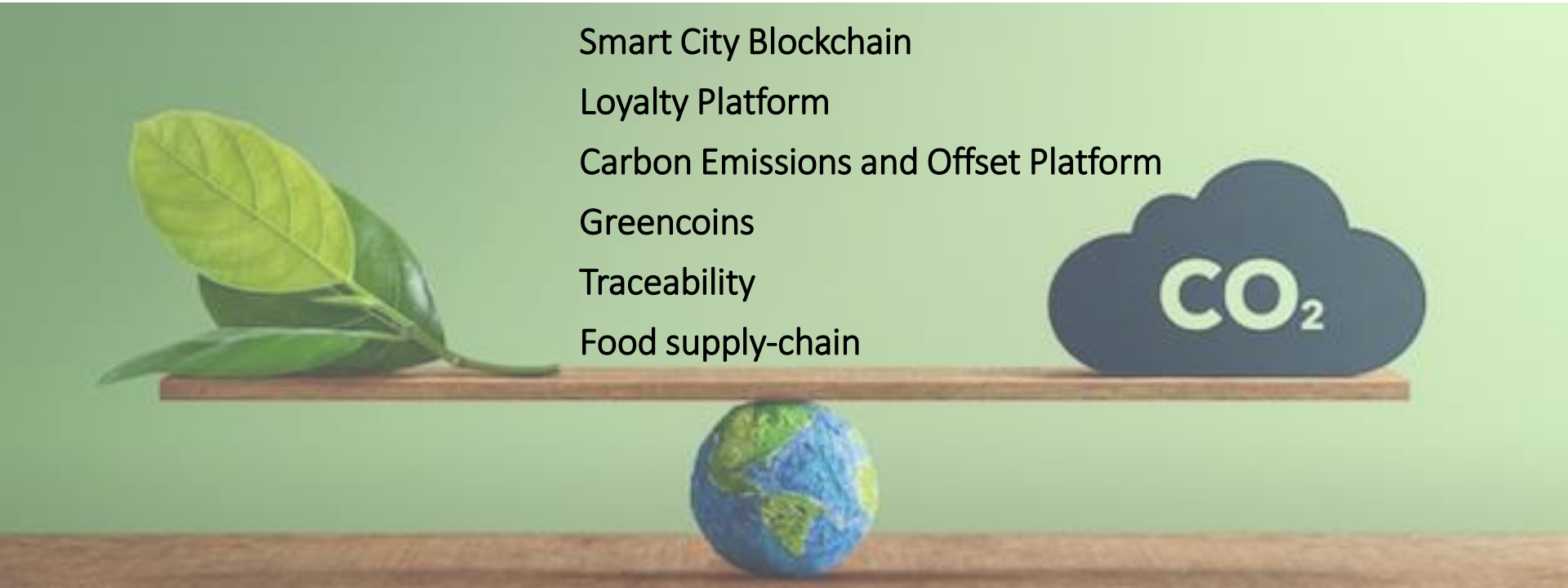
RENEWABLE ENERGY PRODUCTION

SUSTAINABLE NETWORKS

SUSTAINABLE NATURAL ASSETS

ECOLOGICAL, JUST AND COHESIVE TRANSITION

Blockchain PT
AGENDA DE INOVAÇÃO



Smart City Blockchain

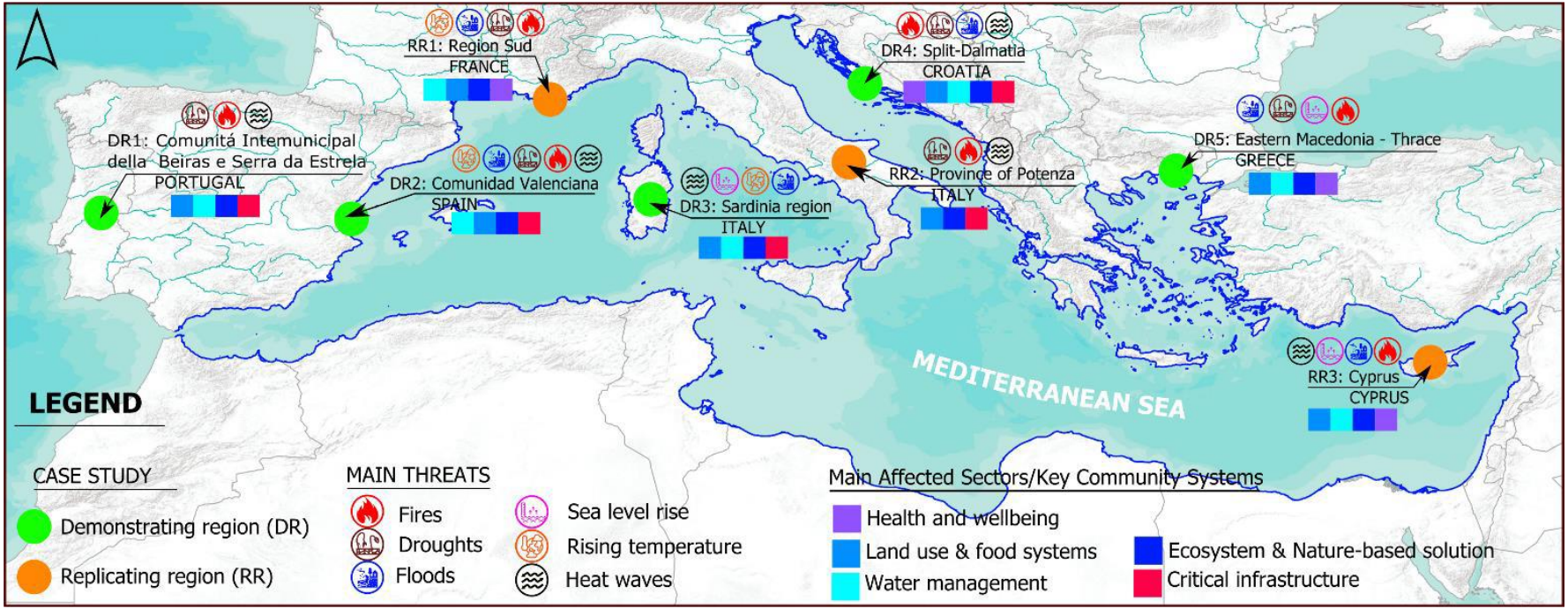
Loyalty Platform

Carbon Emissions and Offset Platform

Greencoins

Traceability

Food supply-chain



DesirMED

Demonstration and mainstreaming of nature-based Solutions for climate resilient transformation in the MEDiterranean

Funded by the European Union

FARCLIMATE

FARCLIMATE will **address the difficult challenges of developing and expanding climate-resilient measures**, making them available and understandable to everyone, while also paying special attention to the **social, political and economic barriers** that are commonly found.

	Universidade Vigo *Coordinator; contactica innovation; FUNDAMAR Fundación para la Pesca y el Marisqueo; inViable; cesefor
	C4G; Câmara Municipal; NOVA Universidade Nova de Lisboa
	GREEN GROWTH GENERATION
	LIÈGE université; European Network of Living Labs; * In progress
	IUCN *AP
	CERTH CENTRE FOR RESEARCH & TECHNOLOGY HELLAS; * In progress
	LAUREA; * In progress

To properly **identify most vulnerable to climate change regions and communities in Europe.**

To **conduct a deep analysis on them** (value chains, socio-economic factors, general public behaviour, key economic sectors).

To **perform transversal actions to empower them** (Living labs, training activities).

To **execute technical actions** in different economic sectors.

To **communicate results** using a knowledge that inspires approach.

Fundão, a smart rural city

- **Fundão's Cherry, recognized brand**
- **positive migratory balance**
- **73 nationalities**
- **innovation ecosystem reference in Portugal**
- **Digital nomads' home**
- **> 1,000 IT professionals**
- **16 IT companies**
- **90 start-ups since 2013**
- **supported 250 private investment projects**
- **Coding classes from age 6**
- **1ST Social Impact Bond in Portugal, Code Academy Bootcamps**
- **2015, 1ST place in the European Enterprise Promotion Awards**
- **2016, Municipality of the Year**
- **2018, 1st place in the RegioStars Awards**

EUROPEAN CAPITALS
OF INCLUSION
AND DIVERSITY
AWARD WINNER 2023