



POLYTECHNIC
OF PORTALEGRE



VALORIZA

Research Centre for Endogenous
Resource Valorization



Research Centre for Endogenous Resource Valorization

SUMMARY

01. Overview
02. Thematic areas
03. Statistics
04. Projects and funding
05. Structural activities and development
06. Resources

VALORIZA is a multidisciplinary Research Unit (RU), whose scope of activity and strategic objectives converge towards the valorization of endogenous resources, in compliance with the principles of circular economy, in low-density territories with a rural and cross-border matrix.

THEMATIC AREAS

01. Energy and waste valorization
02. Sustainable production and the environment;
03. Valorization of low-density cross-border territories.

01. Energy and waste valorization

- Efficient energy use
- Waste valorization in a Circular Economy
- Waste-to-Energy
- New generation of biofuels production
- Hydrogen energy vector

02. Sustainable production and the environment

- Efficient water use and storage
- Crossing biotechnology
- Innovation for agriculture



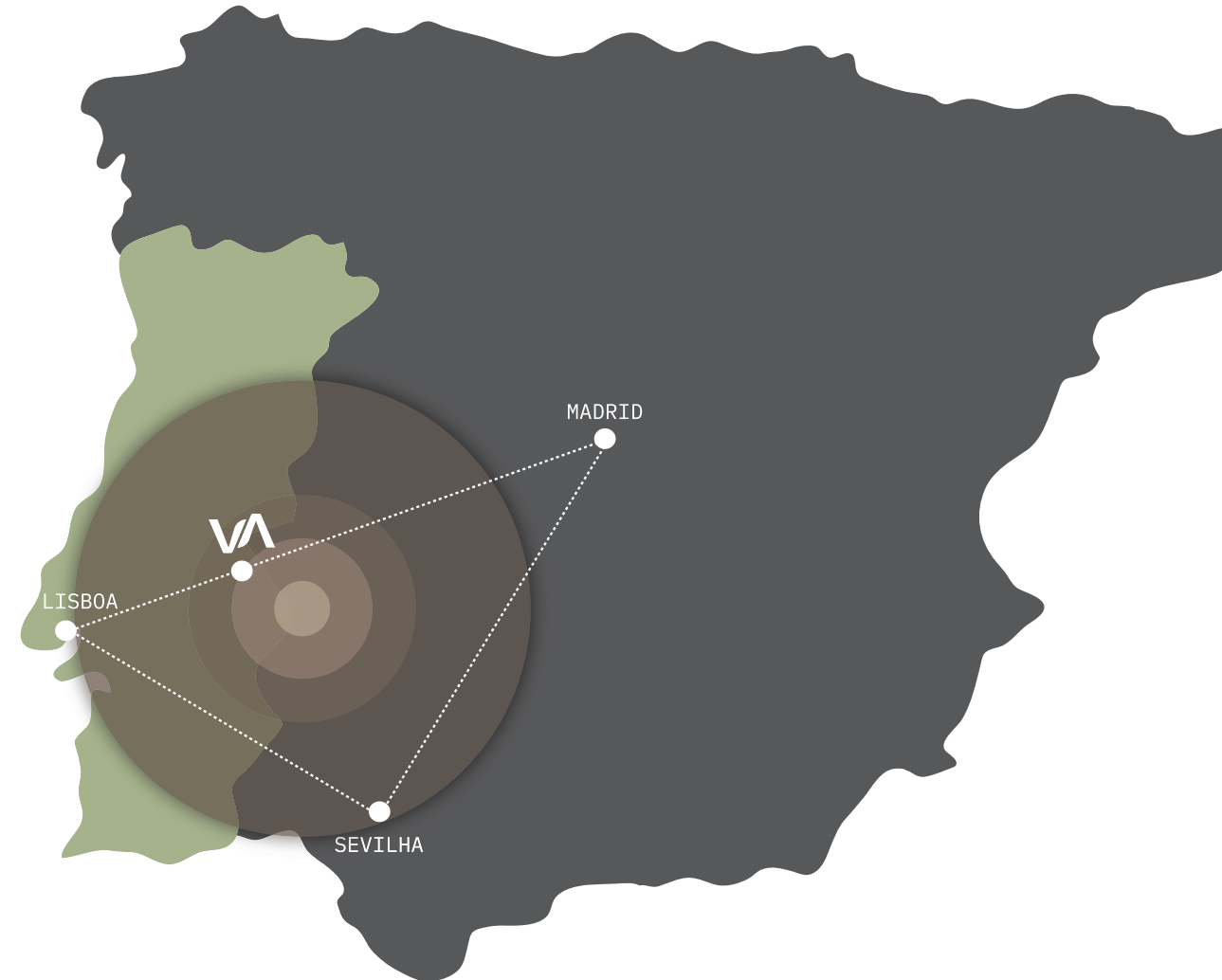
03. Valorization of low-density cross-border territories

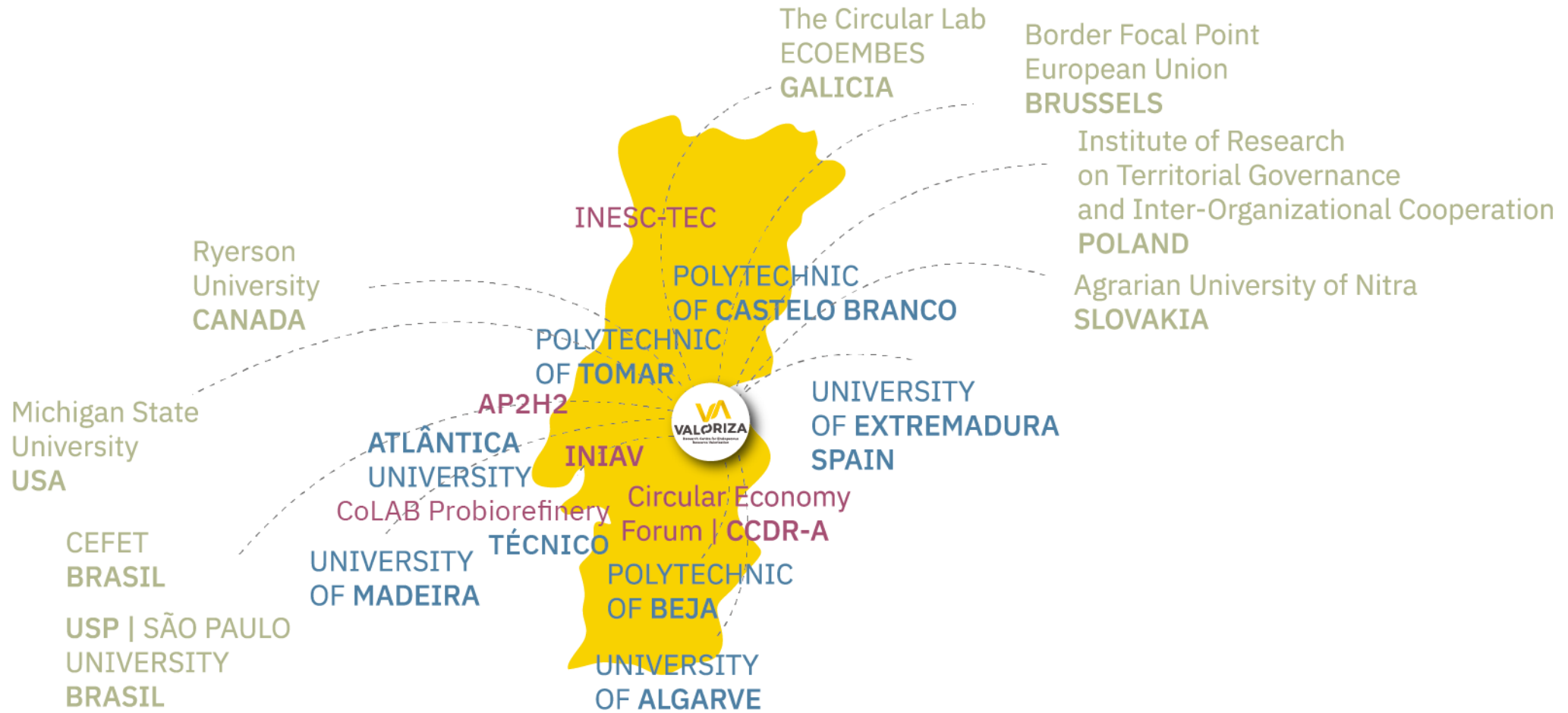
- Integrated solutions for critical and very sensitive low-density areas
- Comparative empirical analysis of low-density rural region
- Establishment of network-territories

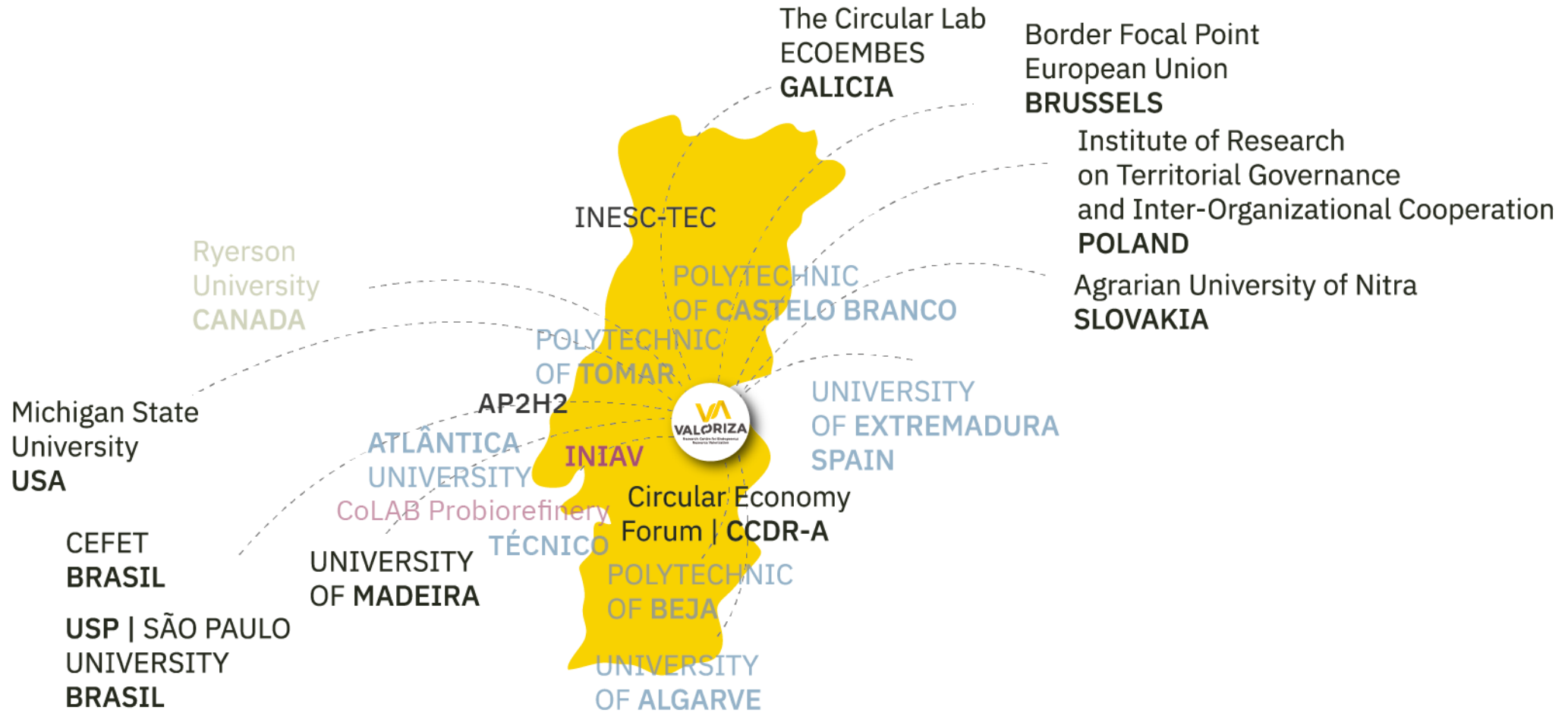
Valorization of low-density cross-border territories

The area in which the RU is located constitutes a living lab in which the 3 identified domains are totally interconnected.

This area, though representing more than 2/3rd of the territory, it houses less than 5% of the population.







RESEARCHERS


INTEGRATED
RESEARCHER

24


COLLABORATIVE
RESEARCHER

28


PhD
STUDENT

2


FELLOW
RESEARCHERS

4

THE STARTING POINT

DECEMBER 2018


INTEGRATED
RESEARCHER

24


COLLABORATIVE
RESEARCHER

36

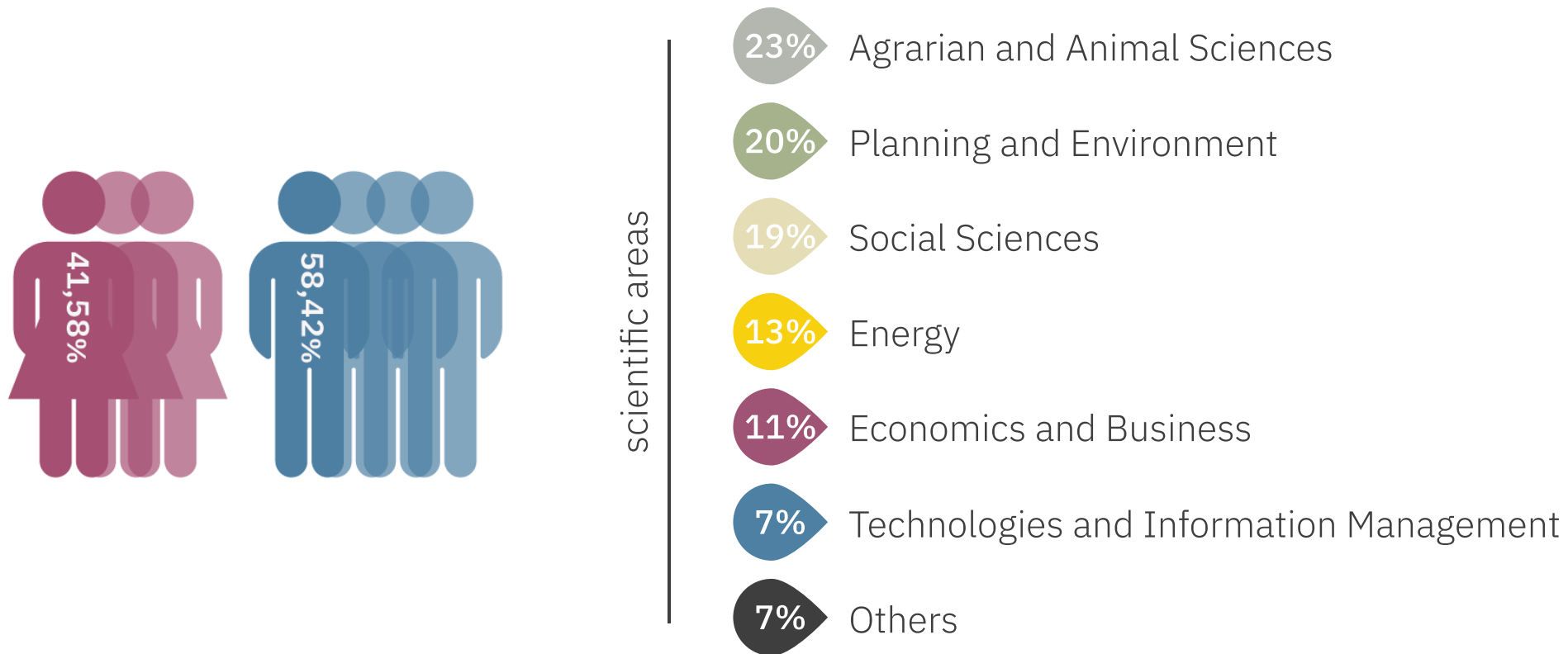

PhD
STUDENT

4


FELLOW
RESEARCHERS

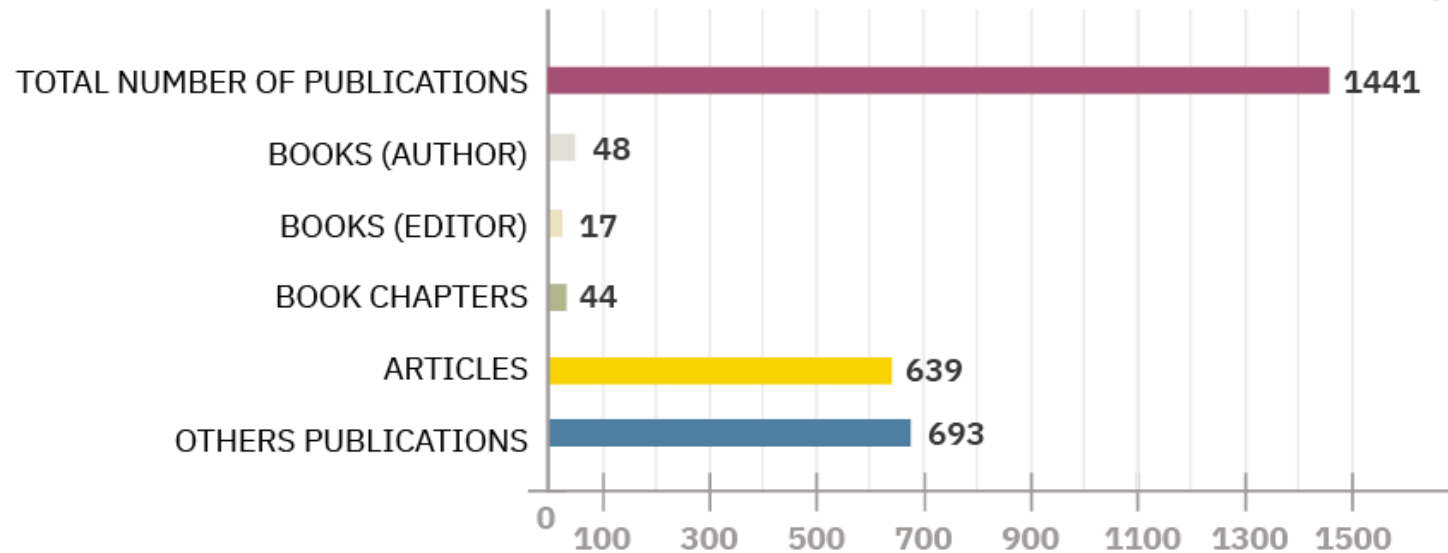
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RESEARCHERS' SCIENTIFIC DOMAINS

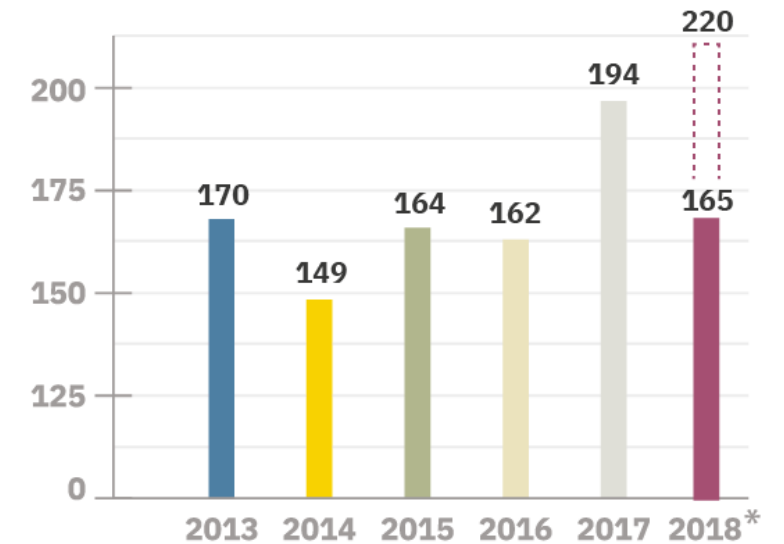


PUBLICATIONS

Publications 2013 - 2018

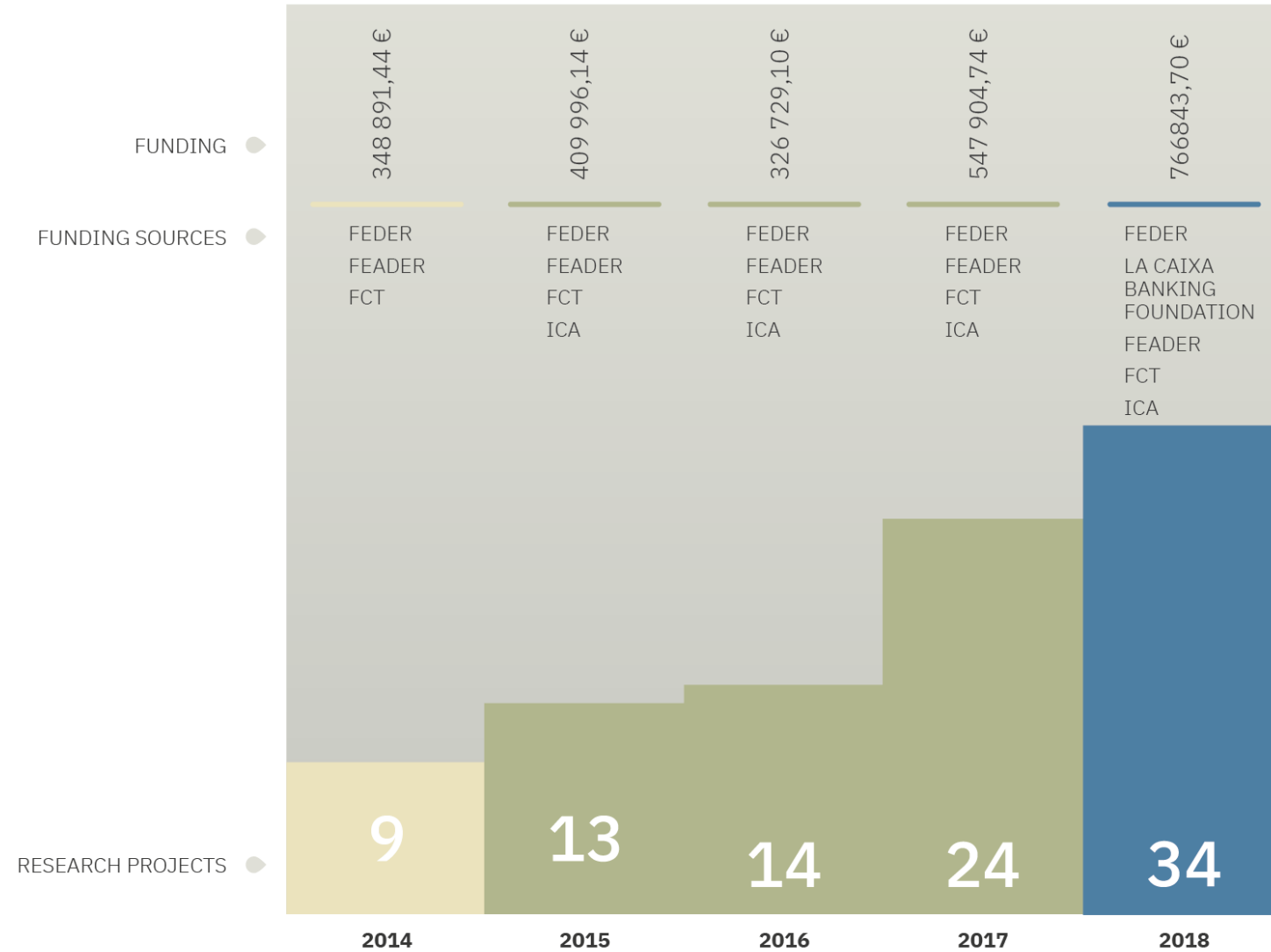


Articles in indexed journals | SCOPUS



* 1st. Semester

RESEARCH PROJECTS



STRUCTURAL PROJECTS

- CoLAB - PROBioRefinery
- Alentejo Circular LAB
- Institute of Research on Territorial Governance and Inter-Organizational Cooperation
- MEDIO-TEJO Hydrogen Region – FCH-JU
- BioBIP 2 TECHTRANSFER | Technology-based incubator

ACTIVITIES | 2019

- International Congress on Sustainable Development, Public Management and Territorial Planning - 2019
- CIEEMAT - V CONGRESSO IBERO-AMERICANO DE EMPREENDEDORISMO, ENERGIA, AMBIENTE E TECNOLOGIA - 2019
- International Conference on BioEnergy - 2019
- International WORKSHOP – rethinking derelict landscapes in low density areas – 2019
- VALORIZAr – Low Density Territories - 2019



IN SUMMARY

