



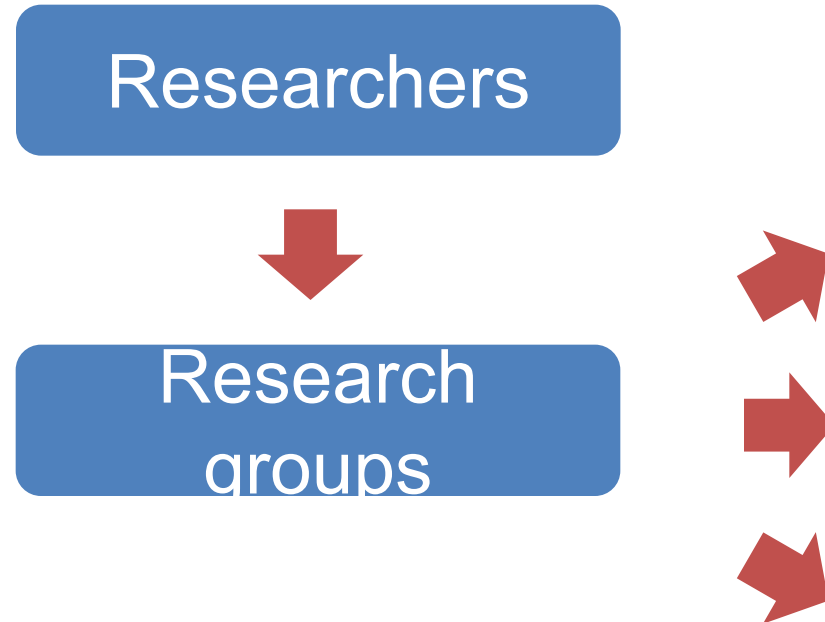
Universidad
Zaragoza

Research at UNIZAR

Internationalization Strategies

Juan Ignacio Garcés, Director of International Research Projects
2022, September 12th

Structure of research



University of Zaragoza Research Institutes

University Institute for Research in Cultural Heritage and Humanities (IPH)
University Institute for Research in Employment, Digital Society and Sustainability (IEDIS)
University Institute for Research in Mathematics and Applications (IUMA)
University Institute for Research in Engineering of Aragon (I3A)
University Institute for Research in Biocomputing and Physics of Complex Systems (BIFI)
University Institute for Research in Environmental Sciences of Aragon (IUCA)

Joint University Research Institutes

Agri-Food Research Institute of Aragon (IA2)
Nanoscience and Materials Research Institute of Aragon (INMA)
Joint Research Institute for Energy Resources and Consumption Research Centre (CIRCE)
Chemical Synthesis and Homogeneous Catalysis research Institute (ISQCH)

Other Research Institutes with the participation of UZ

Zaragoza Logistics Center (ZLC)
Aragon Institute for Health Research (IIS Aragón)

Research Centres

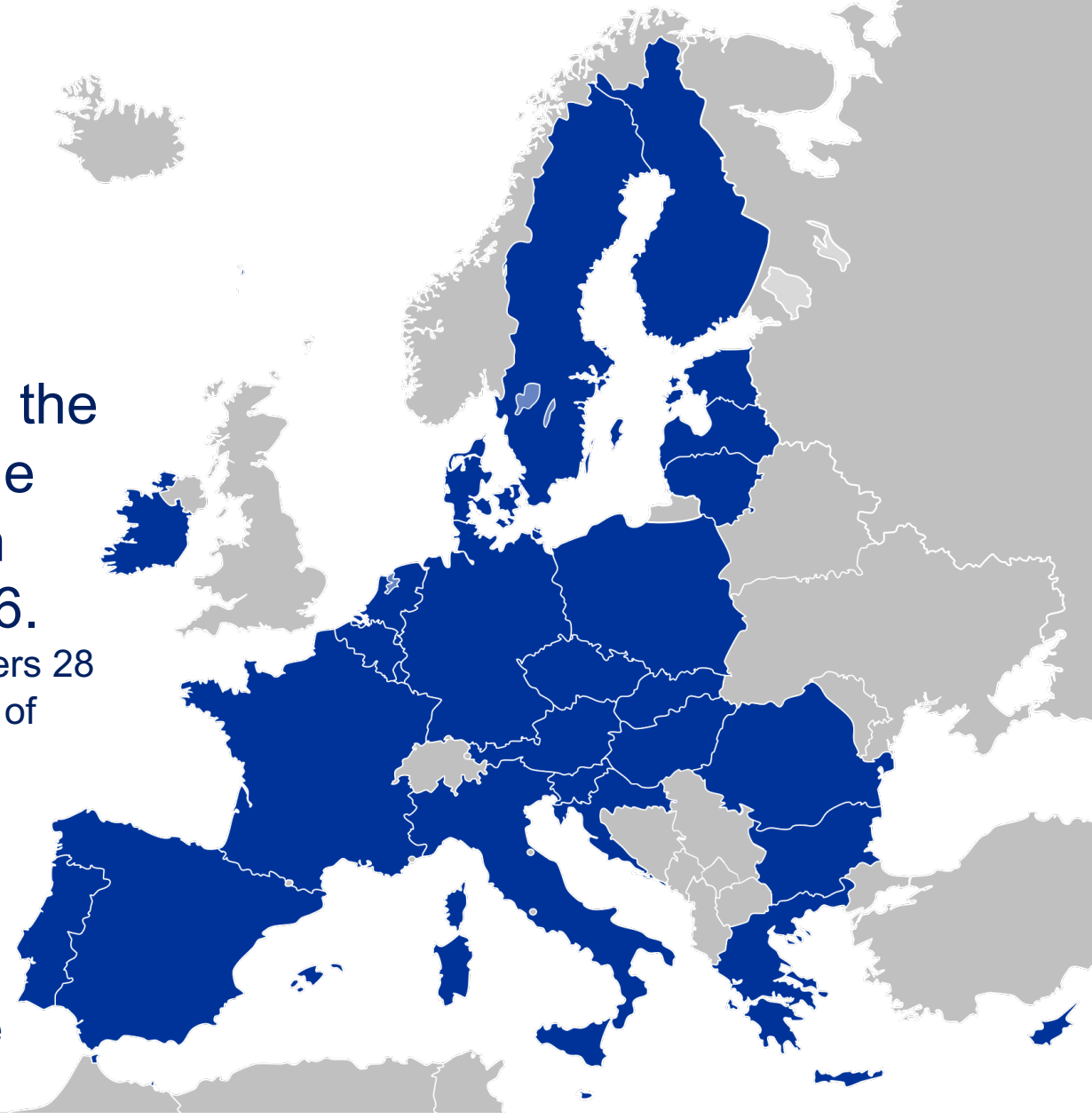
Laboratory for Research in Fluid Dynamics and Combustion Technologies (LIFTEC)
Centre for Encephalopathies and Emerging Diseases
Centre for Astroparticle and High Energy Physics (CAPA)

European projects

63 years ago, on 25 March 1957, the six founding Member States of the European Union (Belgium, France, Italy, Luxembourg, the Netherlands and West Germany) signed the Treaty of Rome, establishing the European Economic Community. Spain joined in 1986.

This forms the legal basis of today's European Union which covers 28 countries in economic and political cooperation through a series of treaties, institutions, the single market, free movement of goods, services, people and money.

Research is considered a **key objective** since the beginning, and it is structured through the ERA (European Research Area) and specifically through the different Research Programs and Organizations depending on the European Commission



European projects

Funding for our research must come through different channels and European Projects may be one of them. Moreover, participation in European projects is being considered a measure of:

- the research capacity of researchers and groups
- their impact beyond our laboratories and offices
- positioning of our work under international standards

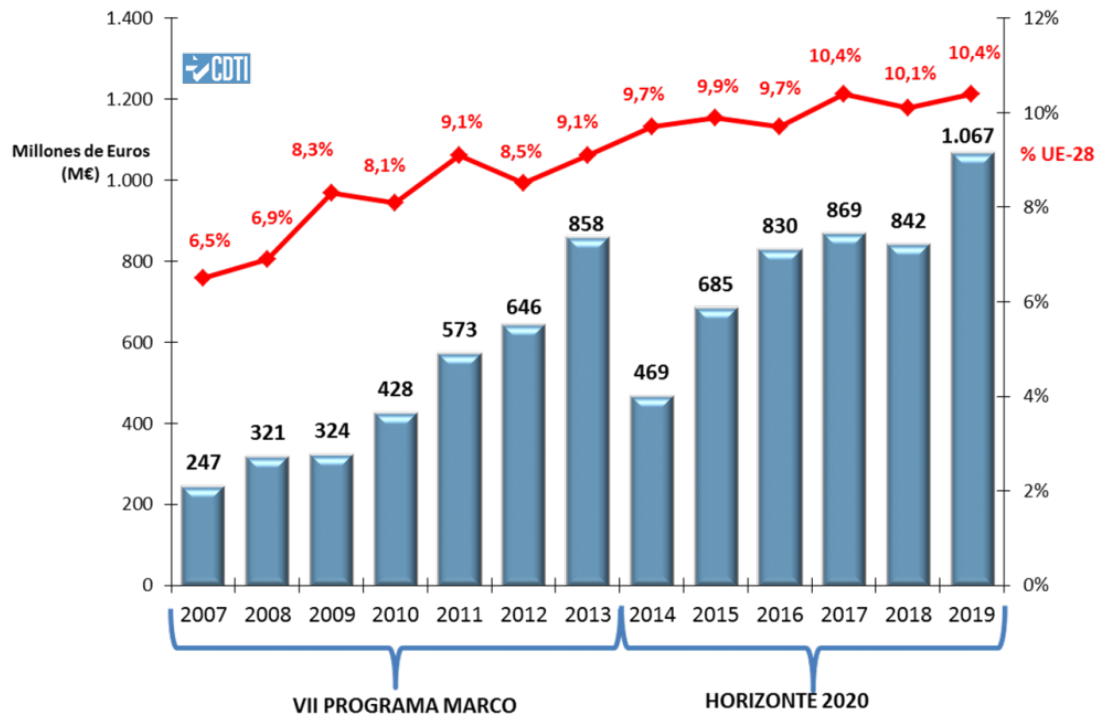


European projects have a lower success rate than other national calls, but they imply a deep reflection on what we are doing, what impact it has on our Society, with whom we can relate to advance our objectives and how we coordinate with them. In short, how we improve and fund our research.

Horizon 2020 (2014-2020)



Funded with 76B€ it was the biggest research program to the date



Spain was the 4th country in terms of funding (~10% of the Budget), and Aragon received around 144M€ (3x funds received in the last research program)



The **University of Zaragoza** participated in 113 projects with a Budget of 41,5M€ (first institution in Aragon and #23 in Spain)

University of Zaragoza and Horizon2020

H2020	Number of projects	Budget
Pilar I- Excellence Science	62	25 M€
Pilar II- Industrial Leadership	16	8.8 M€
Pilar III- Social Challenges	22	6.3 M€
ERA-Net	9	1.09 M€
CEF-Telecom	4	0.61 M€
TOTAL	113	41.8 M€

University of Zaragoza and Horizon2020



European
Research
Council

Flagship Projects

Given to outstanding researchers with cutting-edge projects

SUBPROGRAMA- ERC	Nº PROYECTOS	IMPORTE
ERC - STARTING GRANT	1	1.498.636 €
ERC - CONSOLIDATOR GRANT	1	1.629.520 €
ERC-ADVANCED GRANT	3	8.084.673 €
PROOF OF CONCEPT	1	150.000 €

University of Zaragoza and Horizon2020



Projects for the training of researchers

SUBPROGRAMA- MSCA		
MSC - INDIVIDUAL FELLOWSHIPS	7	1.263.051,72 €
MSC - Innovative Training Networks (ITN)	18	5.833,794,7 €
MSC-RISE	10	1.922,270 €
MSCA-researchers night	3	32.200 €
MSCA-COFUND	1	1.133.280€



European
Commission

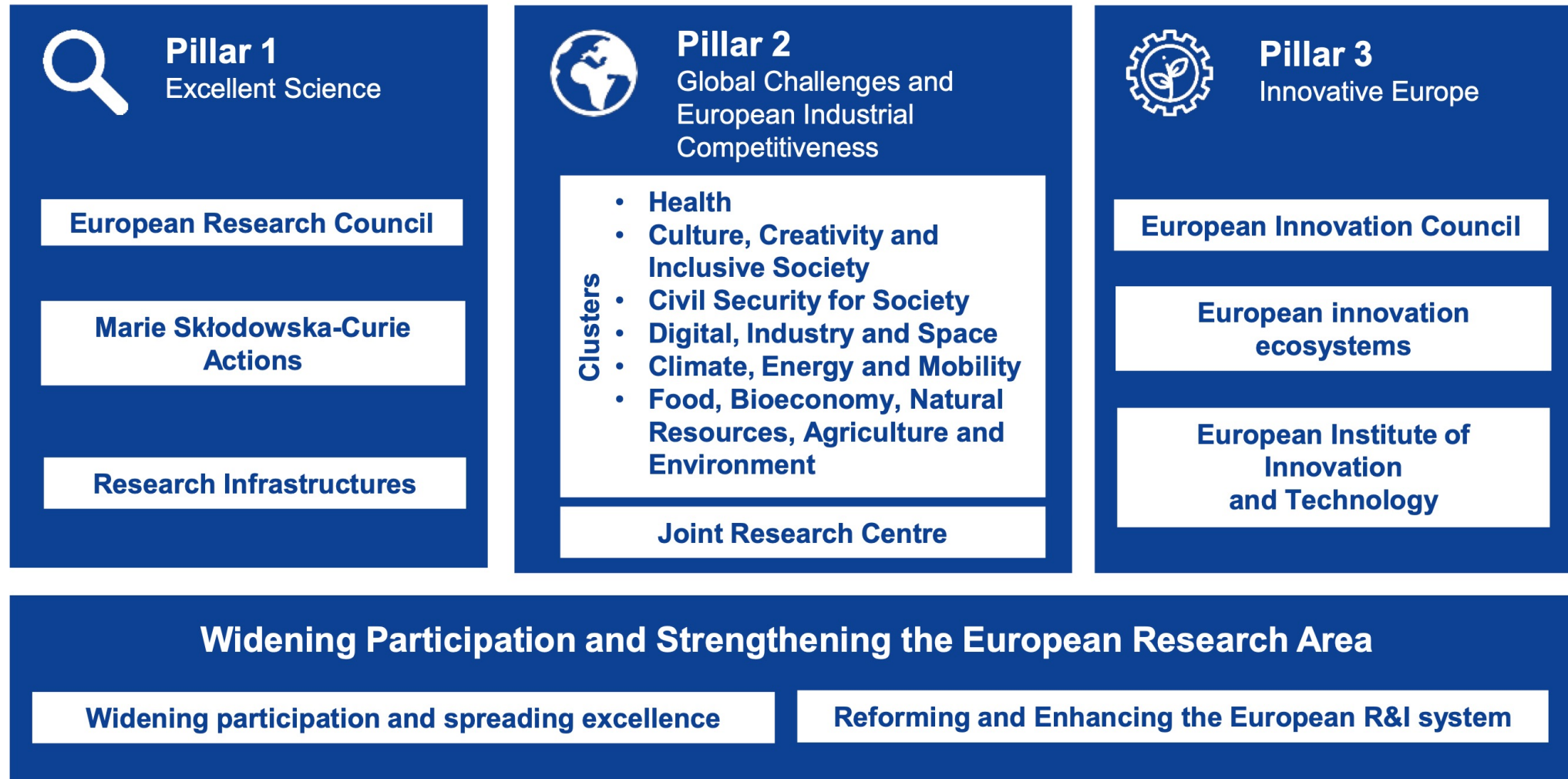
Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)

100B€ budget!



Horizon Europe (2021-2027)



Cross-border projects

Interreg funds cover activities focused on European Regional Development. Aragon can participate in three of its European modalities: Sudoe, Poctefa and Mediterranean, normally with regions close to the other side of the Pyrenees, but also with other regions in Italy, France or Portugal.

PROGRAMA INTERREG	NºPROYECTOS	IMPORTE
POCTEFA	20	4,43 M€
SUDOE	3	0,62 M€
MED	1	0,23 M€
TOTAL	24	5,29 M€

They usually deal with topics related to Cultural Heritage or Social issues, but also with scientific areas of interest for the regions.

The European Projects Office

The University of Zaragoza recognises the importance of these projects and the complexity of their formation, application, development and justification by establishing a specific office in 2007: the **European Projects Office** (OPE). The aim of this office is to promote participation in these projects, help with the application, manage their development and maximise the returns to our researchers.

At present, this office has 3 administrative staff, 6 highly specialised promoters/managers and a director.

In addition, some research institutes (INMA, I3A, IA2) have internal promoters who take into account the specific characteristics of these institutes..



Services for researchers

INCENTIVE PLAN

- Incentives for coordinating projects
- Incentives for winning an ERC
- Incentives in DEDICA

INFORMATION PORTAL

- Commission documents
- Informative presentations
- Templates of relevant documents

SUPPORT FROM OPE MANAGERS

- Support in the early stages
- Search for suitable calls
- Support in preparation and application
- Budget support
- Support in project management

CALLS PLAN

- Distribution list by areas and pillars

NON-FORMAL TRAINING

- Informative talks
- Success stories

RESEARCH PROFILES

- Unified profile templates

CONSULTING FIRMS

- List of consulting firms and information on access conditions

ERC COMMISSION

- Project review and interview support



International alliances: European University



- Call : European Universities Initiative 2020
Launched on the 06 November 2020 for 3 years
Six Universities across Europe
- 165 000 students & 13 000 Staff members
 - Rural and mountains territories
 - 3 “pillars” or topics
 - Cultural Heritage
 - Circular Economy
 - Renewable Energy

RE-UNITA: research policies inside UNITA

SCIENCE WITH AND FOR SOCIETY (SWAFS) PROJECT FROM H2020

Support for the Research and Innovation Dimension of European Universities (II)
(Grant Agreement number: 101035810).

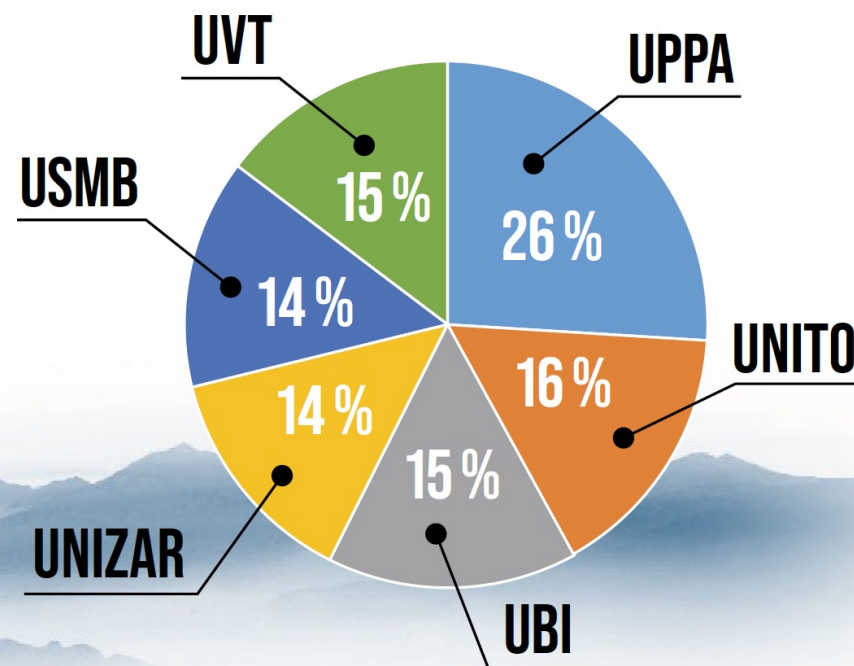
UPPA LEADER

- > Project Coordinator: F. Marias
- > Project Manager: C. Bardoux

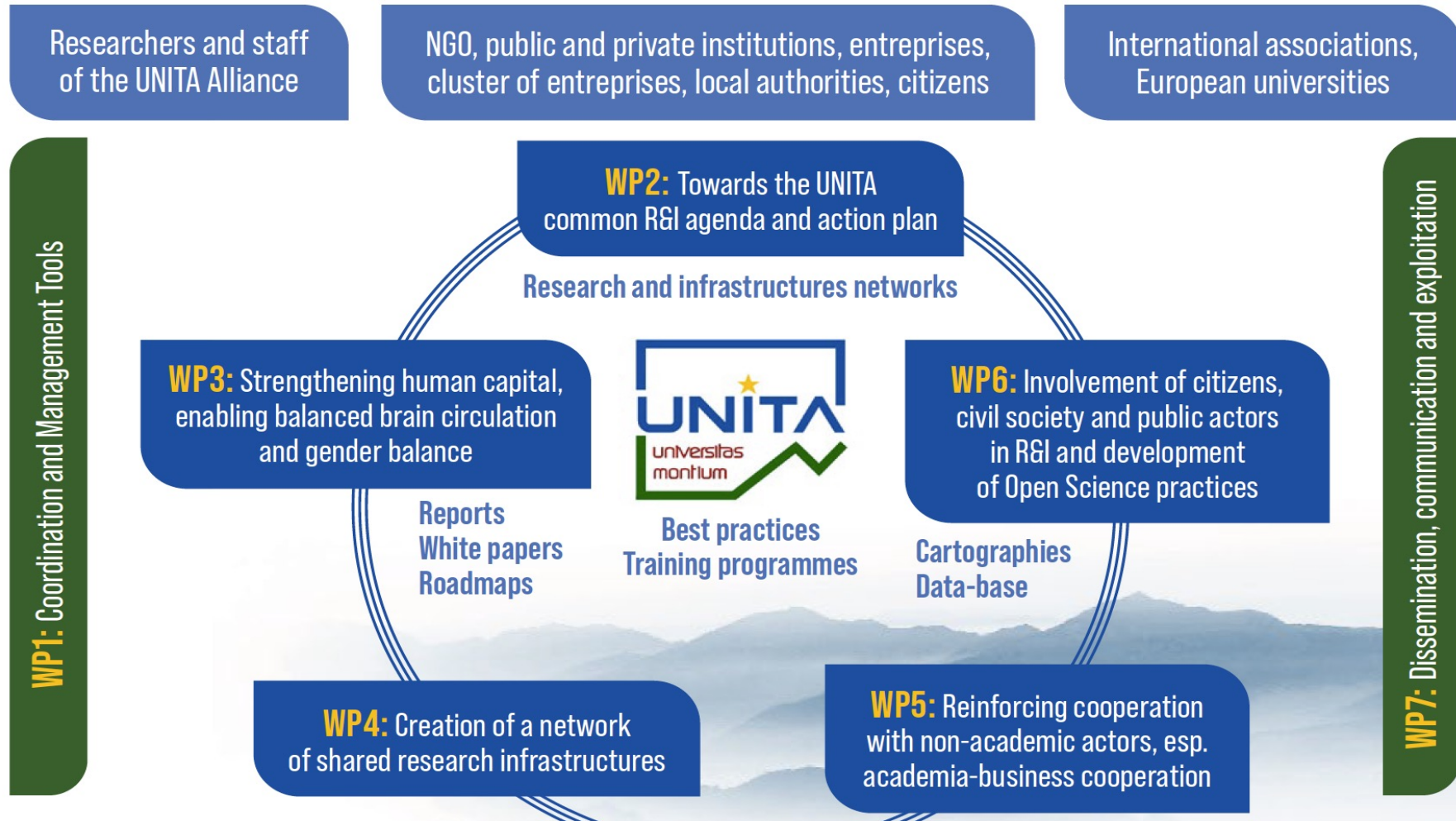
OVERALL BUDGET : 2M€

TIMETABLE

- > Duration 3 years
- > Start: 01/09/2021
- > Kick-off: 24/09/21 in Pau
- > First MC meeting: 8th September 2021



RE-UNITA: research policies inside UNITA



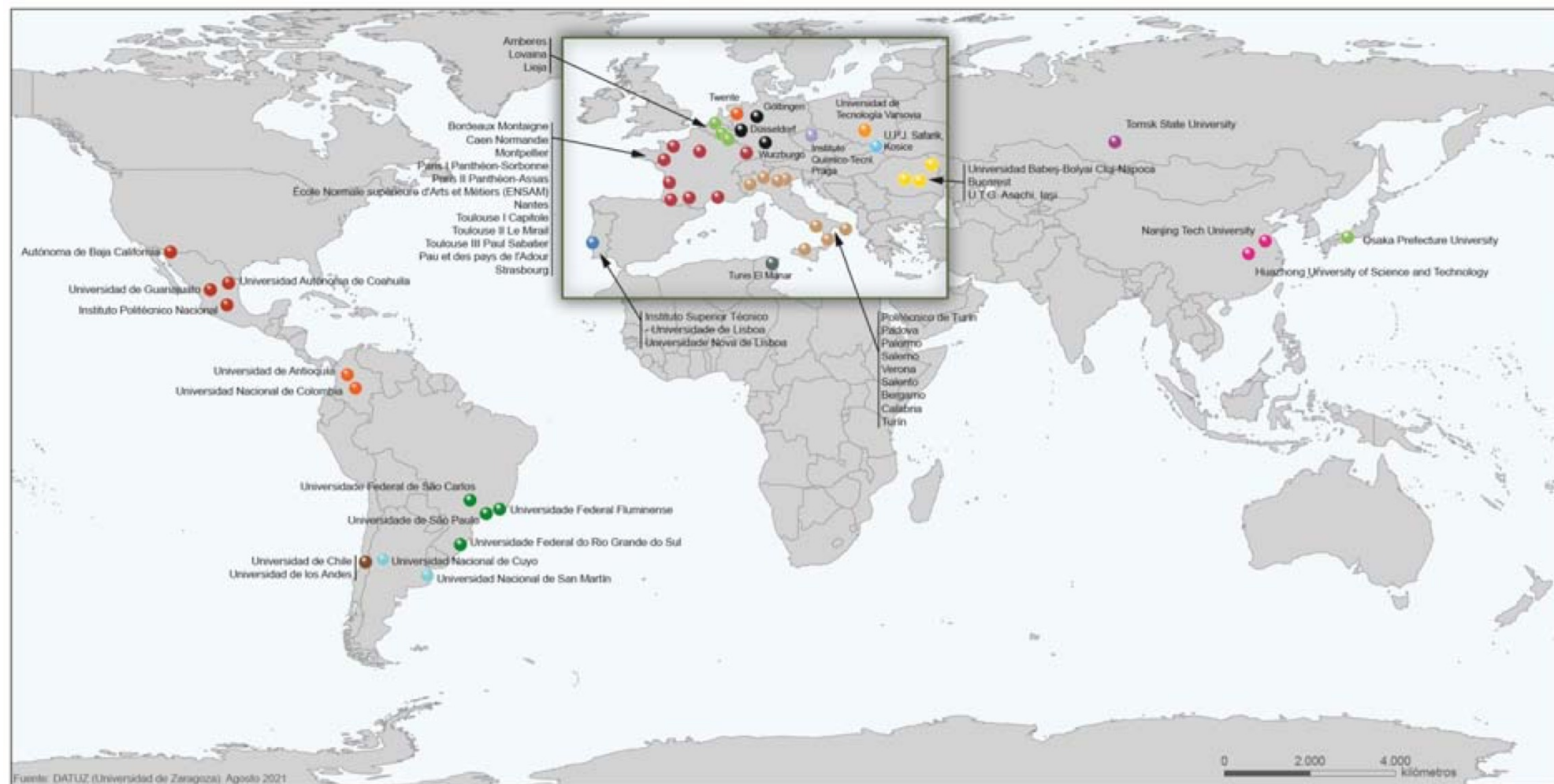
RE-UNITA: research policies inside UNITA

Main objective : Facilitate the emergence of a research and innovation agenda in synergy with the UNITA Alliance.

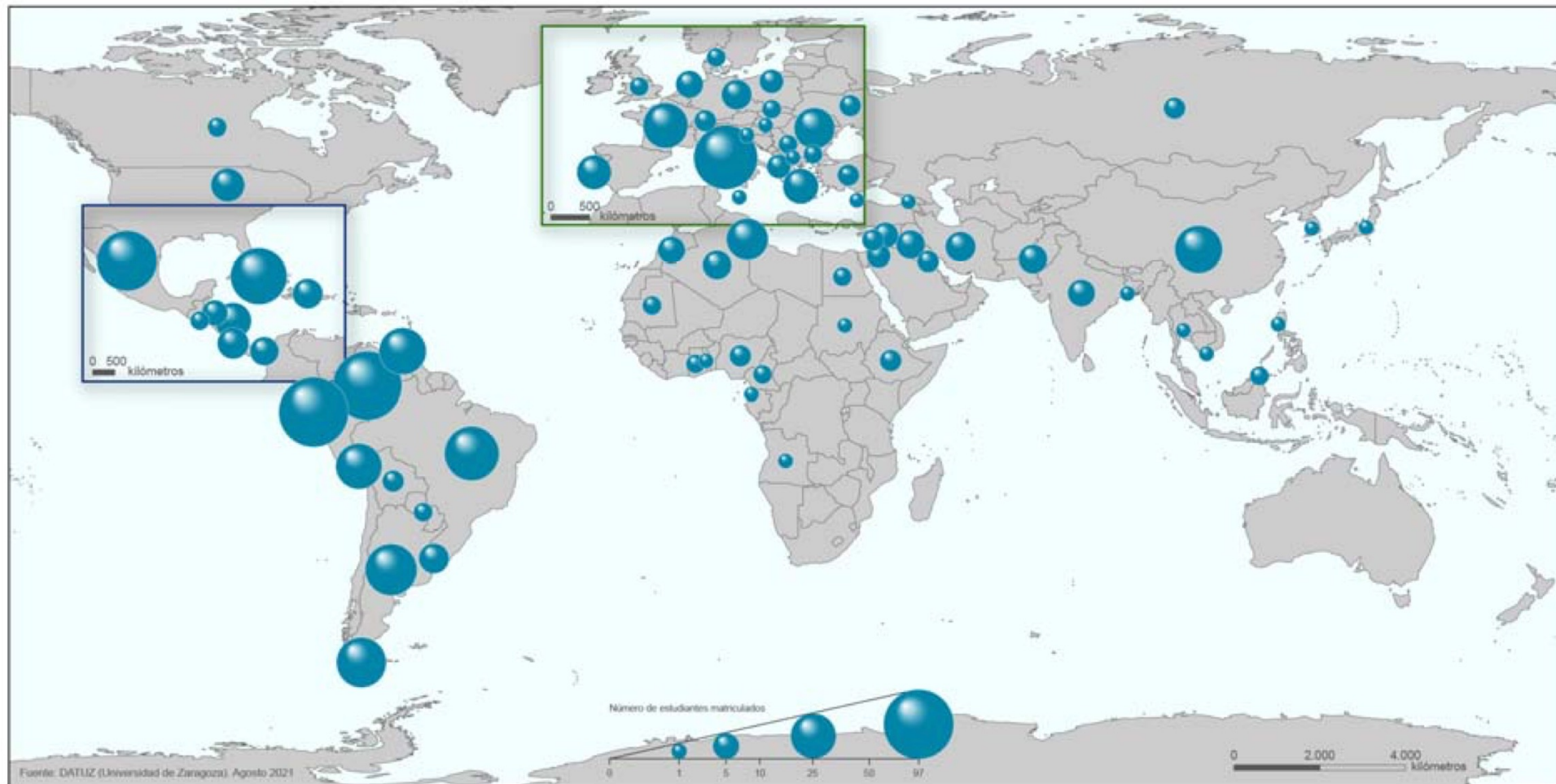
Five main actions:

- To elaborate joint, collaborative European research programmes based on interdisciplinarity.
- To provide one of the most attractive and innovative environments in Europe for researchers and students
- To create an innovative European Network of shared infrastructures
- To be an actor of socio-economic vitality and diversification for mountains regions and cross-border communities
- To ensure the dissemination of research results and spread of science to society

Doctoral Cotutelles



Doctorate students



Other alliances/collaborations

Guangzhou International Sister-City Universities Alliance

Guangzhou International Sister-City Universities Alliance (GISU) is an alliance of universities committed to multilateral exchange that promotes the exchange of training and experience between twin cities. It aims to promote the exchange of academic resources, improve education, increase technological and scientific cooperation and promote urban development.

More information: <http://gisu.gzhu.edu.cn/>

Nanjing Tech University

Several actions leaded by the Confucio Institute of our University with Nanjing Tech



Vicerrectorado de
Política Científica
Universidad Zaragoza



Oficina de
Proyectos Europeos
Universidad Zaragoza

Thank you for your attention

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