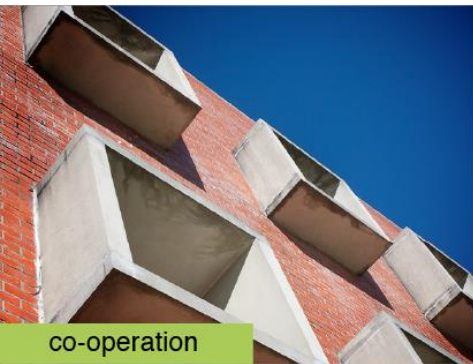




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co-operation



promotion of science



creativity on an amazing campus



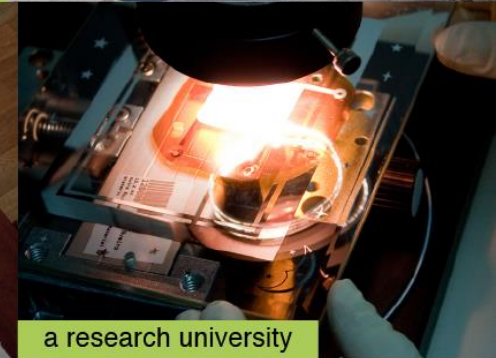
booming internationalisation



interdisciplinary instruction



a vast network



a research university

How knowledge is created, transferred and used... in companies... with the University of Aveiro





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UA, the campus

<https://www.ua.pt/>



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co-operation | promotion of science  
creativity on an amazing campus | booming internationalisation  
interdisciplinary instruction  
a vast network | a research university



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offering innovative courses

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**youthful (1973),  
and a pioneer in the courses offered**

telecommunications, electronics,  
informatics, ceramics engineering,  
environmental engineering, regional and  
urban planning, industrial engineering and  
management, music... were national  
innovations

---

**binary system  
(2017/2018)**

**university courses:**

1<sup>st</sup> cycle undergraduate degrees (25),  
integrated masters (11),  
2<sup>nd</sup> cycle masters (61) and  
PhD programmes (51)

**polytechnic degrees:**

1<sup>st</sup> cycle undergraduate degrees (19) and  
2<sup>nd</sup> cycle masters (6)

**non-degree courses:**

advanced training courses (1) and  
higher professional training courses (14)





with a unique structure

## no faculties (matricial structure)

### 16 departments

#### engineering

- electronics, telecommunications and informatics
- environment and planning
- materials and ceramics
- mechanical engineering
- civil engineering

#### arts and humanities

- languages and cultures
- communication and art
- education and psychology

#### sciences

- chemistry
- mathematics
- geosciences
- physics
- biology - *one health*

#### social sciences

- social, political and territorial sciences
- economics, management, industrial engineering and tourism

#### health

- medical sciences

### 4 polytechnic schools (since 1997)

- Águeda school of technology and management
- Health school
- Aveiro school of accountancy and administration
- School of design, management and production technologies





with a unique structure

20  
research  
units,  
mainly  
inter  
departmen-  
tal

**CESAM** – [Centre for Environmental and Marine Studies](#)

**CICECO** – Aveiro Institute of Materials

**I3N-FSCOSD** – Institute for Nanostructures, Nanomodelling and Nanofabrication - Physics of Semiconductors, Optoelectronics and Disordered Systems

**IT** – Telecommunications Institute

**IBIMED** - [Institute of Biomedicine of Aveiro](#)

**CIDTFF** - Research Centre for Didactics and Technology in Teacher Education

**CIDMA** – Centre of Research and Development in Mathematics and Applications

**CINTESIS** - [Center for Health technology and Services Research](#)

**CIPES** – Center for Research in Higher Education Policies

**CLLC** – Centre for Languages, Literature and Cultures

**DigiMedia** – Digital Media and Interaction

**GEOBIOTEC** – GeoBioSciences, GeoTechnologies and GeoEngineering

**GOVCOPP** – [Governance, Competitiveness and Public Policies](#)

**ID+** – Research Institute for Design, Media and Culture

**IEETA** – Institute of Electronics and Informatics Engineering of Aveiro

**INET-MD** – Institute of Ethnomusicology - Centre of Music and Dance Studies

**REQUIMTE** – [Network of Chemistry and Technology](#)

**RISCO** – Aveiro Research Centre of Risks and Sustainability in Construction

**TEMA** – Centre for Mechanical Technology and Automation

**WJCR** – William James Research Center



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and a Doctoral School - EDUA

With a notable **Doctorate in Business Innovation (DBI)**, only for companies  
in collaboration with SCE/MUAS

**DBI** | Doctorate  
in Business  
Innovation

51 PhD degrees



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UNIVERSITY  
OF APPLIED SCIENCES  
**MUNICH**

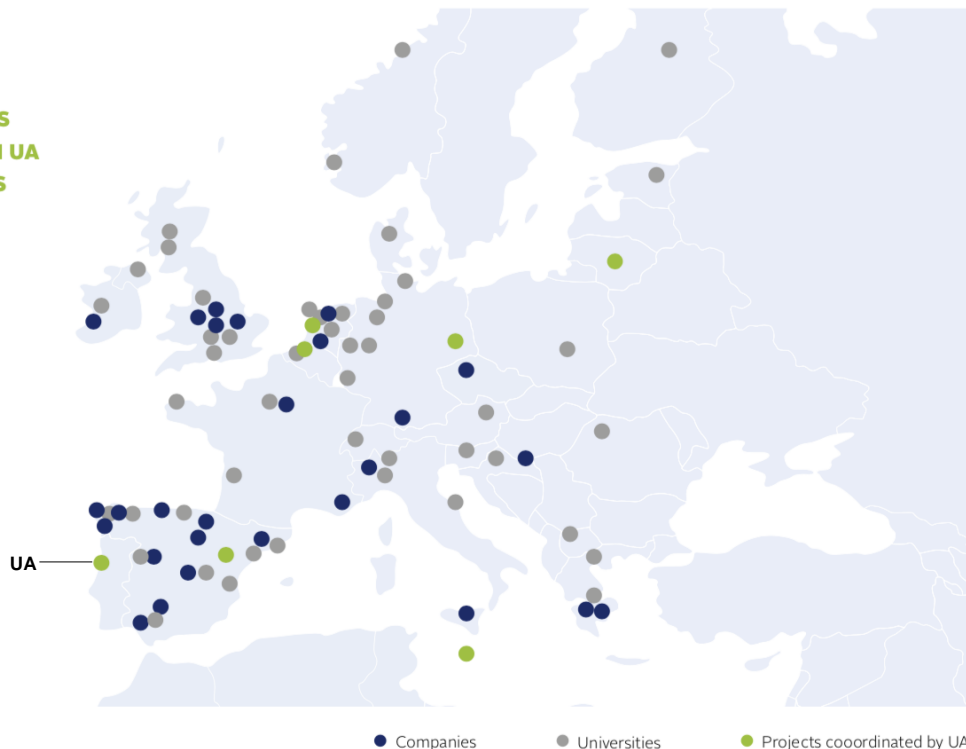


**Munich University of Applied Sciences**  
is the second largest university of applied  
sciences in Germany



## quick facts and stats...

### NETWORK OF EUROPEAN UNIVERSITIES AND COMPANIES WORKING WITH UA IN EU PROJECTS STARTED IN 2018



AUSTRIA (LLOM)  
BELGIUM (SPINMULTIFILM, M3DLOC, MININGIMPACT2)  
CROACIA (SIKE, PROJECT Ó)  
CZECH REPUBLIC (EHDEN)  
DENMARK (CRAFT, PERICLES, PROJECT Ó)  
ESTONIA (EHDEN)  
FINLAND (LLOM)  
FRANCE (LLOM, M3DLOC, PERICLES, PROJECT Ó, COMPRESSER, SUDOKET)  
GERMANY (SIKE, SPINMULTIFILM, CHANGE, PROJECT Ó, MININGIMPACT2)  
GREECE (LLOM, M3DLOC)  
IRELAND (M3DLOC)  
ITALY (PROJECT Ó, MININGIMPACT2)  
LITHUANIA (SPINMULTIFILM)  
MACEDONIA (FAST)  
MALTA (SMARTAQUA)  
NETHERLANDS (MS-SM II, PERICLES, NANOTBTech, EHDEN, MININGIMPACT2)  
NORWAY (CONDUCTIT, MININGIMPACT2)  
POLAND (LLOM, MININGIMPACT2)  
PORTUGAL (PROJECTS COORDINATED BY UA - NANOTBTech, SMARTAQUA, SPINMULTIFILM)  
SLOVAKIA (CHANGE)  
SLOVENIA (CRAFT)  
SPAIN (SIKE, LLOM, CRAFT, MS-SM II, LIFE REFOREST, M3DLOC, PROJECT Ó, NANOTBTech, EHDEN, EPYRIS, COMPRESSER, SUDOKET)  
SWITZERLAND (ATMOSPHERIC)  
UNITED KINGDOM (SIKE, CONDUCTIT, M3DLOC, PERICLES, PROJECT Ó, EHDEN, MININGIMPACT2)

### INTELLECTUAL PROPERTY RIGHTS REGISTRATION

	2014	2015	2016	2017	2018
Patents and Utility Models	32	24	23	23	27
Trademarks and Logos	40	20	46	17	11
Design/Models	1	4	1	2	2
Copyright	4	3	2	2	0

## ECIU - European Consortium of Innovative Universities



Aalborg  
University



Institut National des  
Sciences Appliquées



Dublin City  
University



University Autònoma  
de Barcelona



Hamburg University  
of Technology



University of  
Aveiro



Kaunas University  
of Technology



University of  
Stavanger



Linköping  
University



University of  
Trento



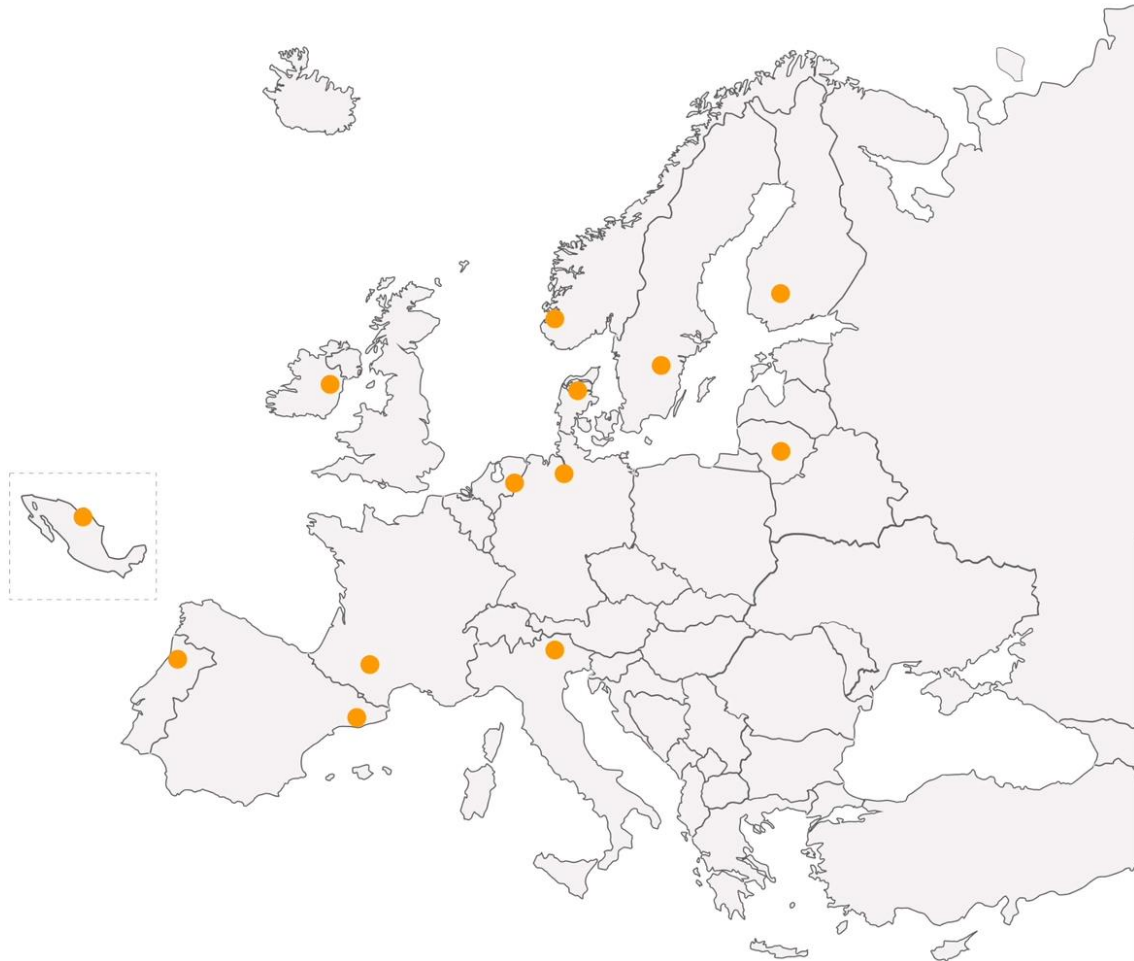
Tampere  
University



University of  
Twente



Tecnológico de  
Monterrey







## EUROPEAN INNOVATION SCOREBOARD 2020

### Innovation performance groups

-  Innovation Leader
-  Strong Innovator
-  Moderate Innovator
-  Modest Innovator



European  
Commission





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pci · creative  
science park  
aveiro region



UA / PCI - Creative Science Park



University



Region

Business

A partnership **University of Aveiro / Intermunicipal Community of the Region of Aveiro** in a **Shared Leadership.**

IASP Full Member



IASP

International Association of Science Parks  
and Areas of Innovation



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pci · creative  
science park  
aveiro region



UA / PCI - Creative Science Park

## PCI – Creative Science Park Aveiro Region

A Science Pole | An Experimentation Pole | An Enterprise Pole



### Includes:

- Laboratories - **LUC ICT, LUC Materials and Agro-industrial;**
- **University of Aveiro Incubator** (*more than 40 UA spinoffs*);
- **Design Factory Aveiro** (*more than 30 projects*).

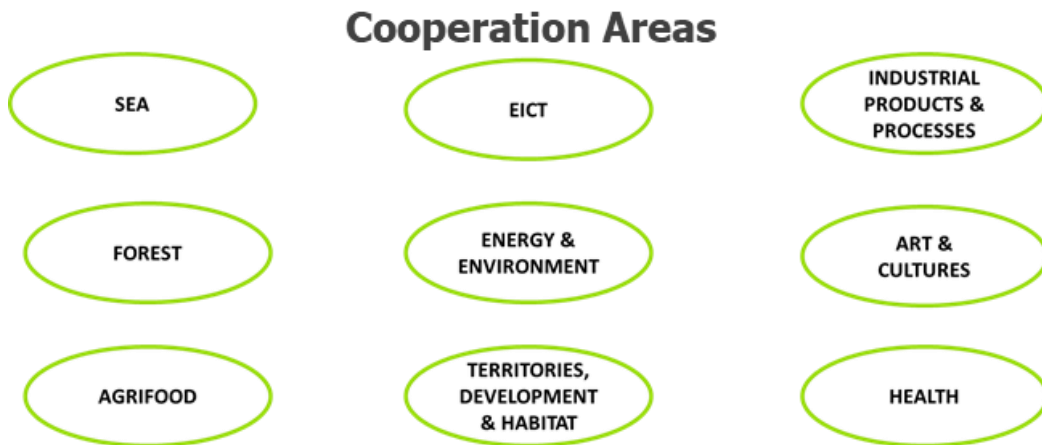
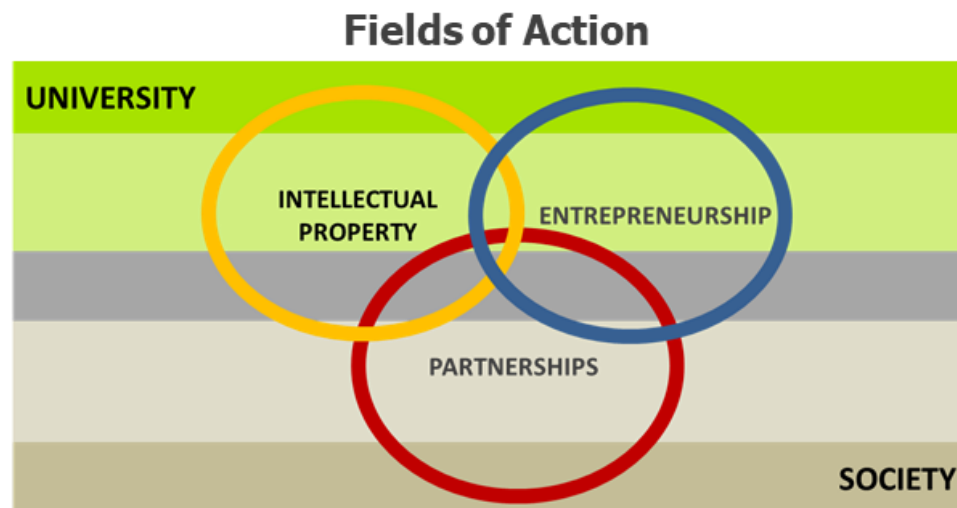






UA / uacoopera

## Uacoopera-Interface between the University and Society





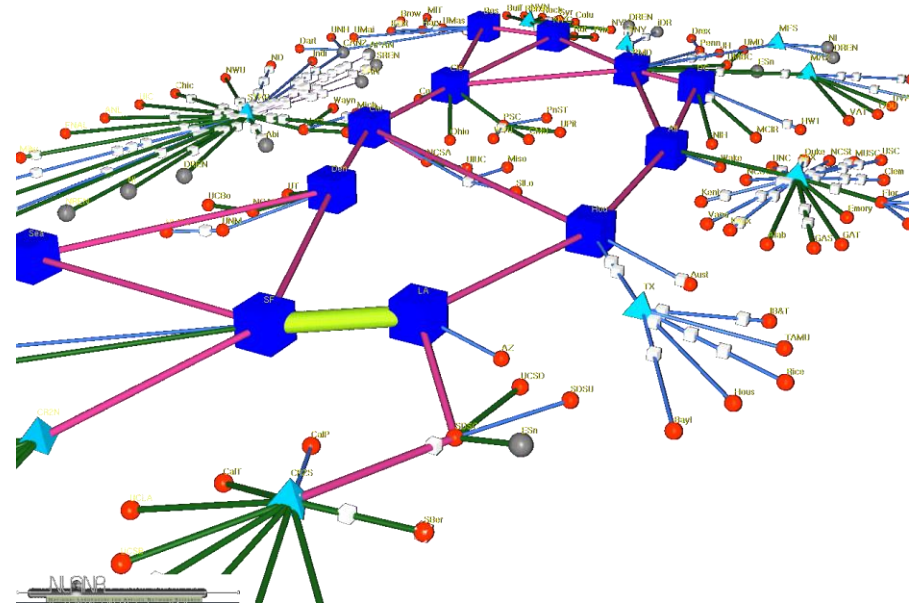
## ***Binational Lab (Brasil-Portugal) for Science, Technology and Innovation in Health (LBCTIS)***

- Location: PCI – Creative Science Park Aveiro Region;
- Integration of Fiocruz in Europe;
- Access to EU financial support;
- Integration of both R&D networks and
- Region and global spillovers.



## ***Binational Lab (Brasil-Portugal) for Science, Technology and Innovation in Health (LBCTIS)***

- Take-off initiatives for 2021:
  - One-Health;
  - I4.0 in health industry;
  - Innovation Policies.



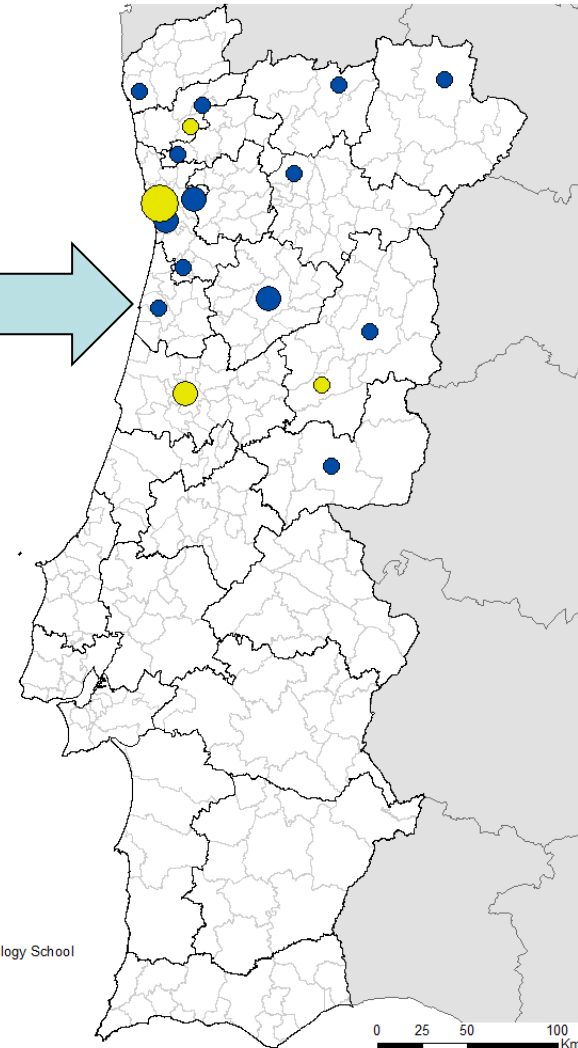




# Health schools in the midle and North of the Country

## Legenda

-  School of Medicine
-  Health Science and Technology School
-  Municípios
-  NUTS III (2016)
-  Espanha (NUTSIII 2016)





# Health area is strategic for Europe

There will be:

- financial support;
- policies to promote production in Europe and
- public policies – prospective studies in health sector.

## Future Funding Opportunities

Horizon Europe - the next research and innovation framework programme (2021-2027)

### Funding Opportunities







## Future Funding Opportunities

Horizon Europe - the next research and innovation framework programme (2021-2027)



### New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

#### Key features

- Simple architecture and toolbox
- Coherent life-cycle approach
- Strategic orientation

Co-programmed

Co-funded

Institutionalised



Health  
innovations



Key digital  
and enabling  
technologies



Metrology



EU air  
traffic,  
aviation  
and rail



Areas for  
possible  
Institutionalised  
European  
partnerships  
(based on Article  
185/7 TFEU)



Sustainable  
bio-based  
solutions



Hydrogen  
and  
sustainable  
energy  
storage



Clean,  
connected  
mobility

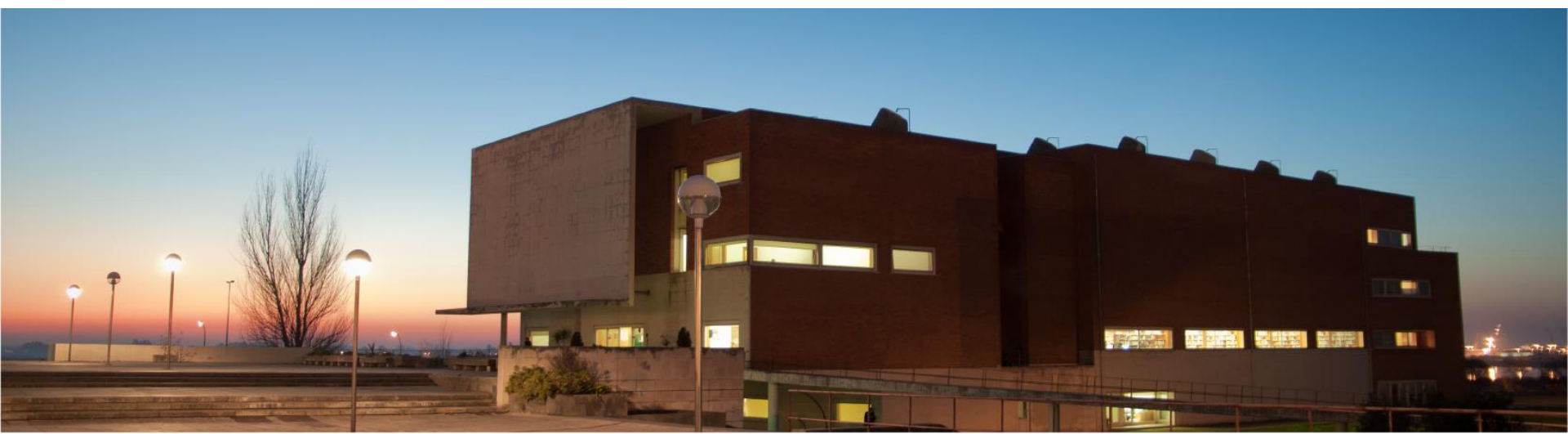


Innovative  
SMEs



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# THANK YOU !



Doing research at the UA means being part of an environment internationally recognized for the quality of its research and for its focus on applied research, which contributes to the social and economic development of the regions' and countries' Partners.

The matrix model of the university (in departments rather than faculties) is the basis for research of an inter- and trans-disciplinary nature, a differentiating feature of the research carried out at the UA. The relevance of the [projects, both national and international](#), make it clear that doing research at the UA is a good choice.