

# UNIVERSITY OF CADIZ



## OUR DEGREES

Study at the UCA and you will reach the top



## EARN YOUR DOCTORATE IN THE UCA

We train the best young researchers



## University of Cadiz

The University of Cádiz (UCA, [www.uca.es](http://www.uca.es)) was founded in 1979 to promote education, research and knowledge transfer.

The UCA is a great University with:

- 16 centres and 4 university campuses
- 78 degree programmes
- 59 officially recognized master's degree programs
- 17 doctoral programmes
- Over 20.000 students
- Over 2.079 researchers
- Almost 200 research teams
- 100 teaching laboratories and 318 research laboratories



## University of Cadiz

4 university campuses





## Our Research Institutes- [Link](#)

The Institutes of the University of Cadiz are presented, as well as the mixed and inter-university Institutes of the University of Cadiz, which are linked to the research potential of our Institution

### Our Research Institutes



#### Choose your Research Institute

The 2nd Strategic Plan of the University of Cadiz includes among its lines of action the structuring of Research in Research Institutes.

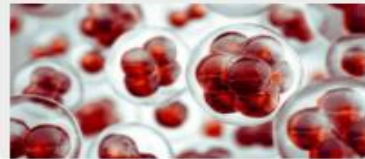
The Institutes of the University of Cadiz are presented, as well as the mixed and inter-university Institutes of the University of Cadiz, which are linked to the research potential of our Institution.

The Research Institutes of the University of Cadiz integrate the research excellence of our Institution as well as the specialized scientific infrastructure. The Research Institutes are focal points for attracting research talent to our University.

Institute for Research in Applied Linguistics



Institute of Electron Microscopy and Materials



Wine and Agrifood Research Institute



Marine Research Institute



Research Institute for Sustainable Social Development



Biomolecule Research Institute



Research Institute of Biomedical Sciences of Cadiz



# Research Groups

Research groups of the University of Cadiz by research area:

- Agrifood - 3
- Biology and Biotechnology - 2
- Social, Economic and Legal Sciences - 30
- Health Sciences and Techniques - 36
- Physics, Chemistry and Mathematics - 22
- Humanities - 49
- Natural Resources and Environment - 18
- Information and Communication Technologies 12
- Production Technologies - 23



## University of Cadiz

### Peripheral Services

The University of Cadiz has infrastructures and equipment with enormous scientific potential, which must be exploited for the benefit of the entire university community and the social environment



Drones Service



Oceanographic Vessel UCADIZ



# Vice Rectorate for Scientific and Technological Policy

## Transference and Research Area

*Is in charge of the definition, execution and monitoring of the Scientific and Technological Policy of the University of Cádiz*

- The promotion of research and the practical application of knowledge to social, cultural and economic development and the welfare of society.
- The proposal of policies and the design and execution of strategies and measures aimed at developing the scientific careers of teaching and research staff.
- The proposal and development of actions aimed at attracting, retaining and considering talent. The proposal of policies aimed at facilitating research and transfer activity, and the coordination of actions aimed at offering support to researchers.
- Coordination of PhD studies

# **Vice Rectorate for Scientific and Technological Policy**

## **Transference and Research Area**

### **Projects office**

- 15 technical and administrative staff
- 1 Head of Service
- 1 director for the support to the researchers

#### **Main tasks**

- **Search of opportunities / calls for regional, national, European and International projects**
- **Support in the preparation of proposals**
- **Management and justification of projects**



## European Projects Office

### *SERVICES- Search for opportunities*

- Meetings with researchers to learn in detail about their research interests and to inform them about the European and international programmes
- Identification of calls and topics of interest for researchers.
- Identification of the most relevant European events.
- Establishment of contacts with public and private entities considered of interest as potential partners for collaborative R&D&I projects.

## European Projects Office

### *SERVICES- Preparation of proposals*

- Support in partners search process.
- Collaboration in the proposal writing process, with a special emphasis on the sections on impact and exploitation of results.
- Contact with the National Contact Points (NCPs) of the European programme in question to gather their views on the proposal.
- Preparation of the administrative information for the proposal

## European Projects Office

### **SERVICES- Project management**

- Management of all the legal documentation necessary for the implementation of the projects.
- Technical support to researchers in the day-to-day management of ongoing projects.
- Technical assistance to researchers in project meetings with partners.
- Support in the preparation of the technical and financial justifications of the projects.

## Business Transfer Centre “EL OLIVILLO”



- a space for cooperation for innovation between companies and the University and a specific place for the promotion and encouragement of innovative Technology Based Companies of university origin.

The Centre consists of the following services:

- Support and advice service for business innovation and territorial development: made up of UCA business relations units, legal advice services for companies (specifically on R&D&I), R&D&I consultancy for companies with intermediation with UCA research groups etc.
- Supporting services for entrepreneurs.



# UCA LEADS THE INTERNATIONAL CAMPUS OF EXCELLENCE IN MARINE SCIENCE-CEIMAR



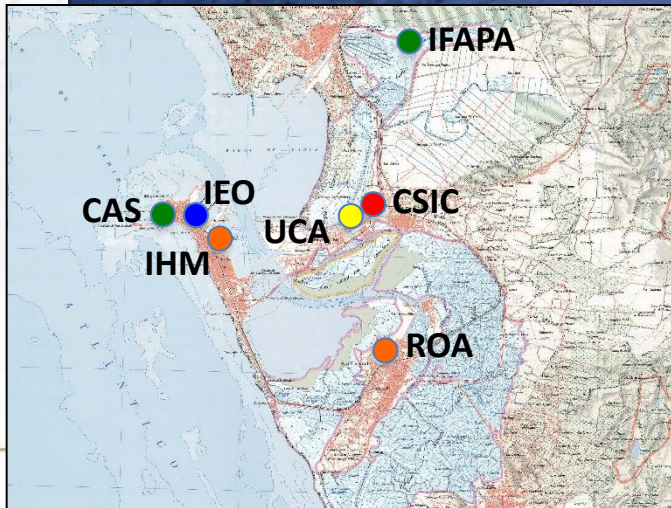
## CEIMAR AGGREGATION



**CEI-MAR-** a meeting and collaboration point between researchers and institutions. A campus that continually seeks excellence and the forefront of its activities, a specialized campus, a creative campus.

# UCA LEADS THE INTERNATIONAL CAMPUS OF EXCELLENCE IN MARINE SCIENCE-CEIMAR

**CEIMAR AGGREGATION: 14 institutions**



**CEIMAR is the Spanish CEI with:**

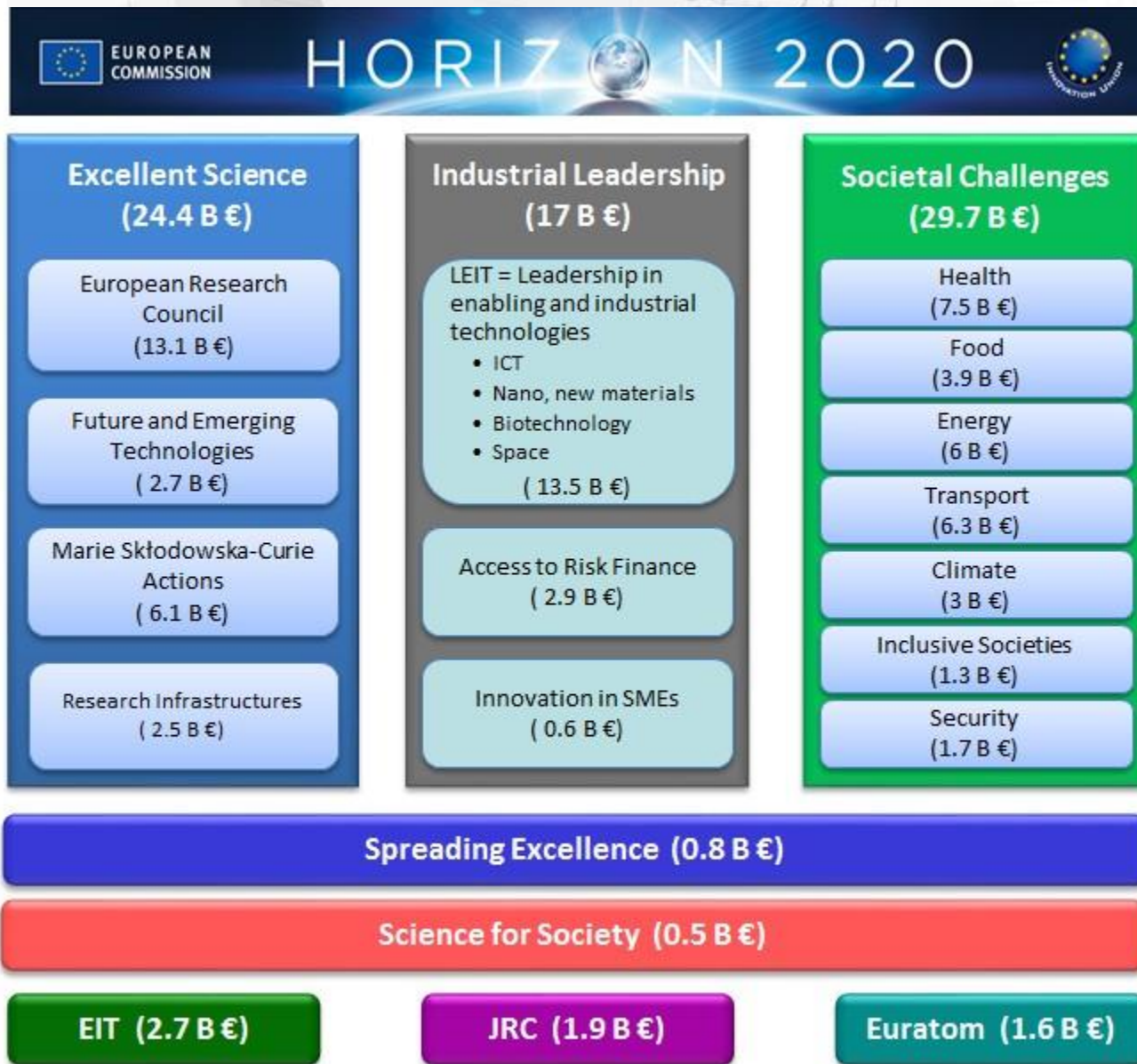
- More Universities (7)
- More countries (3)
- More promoting institutions (14)

# European Projects- Results

- 3 projects FP3
- 14 projects FP4
- 12 projects FP5
- 6 projects FP6
- 13 projects FP7
- **24 projects H2020 (2014-2020)**
- 1 ENPI Project
- Interreg 29 projects
  - Interreg II: 2
  - Interreg III A Morocco: 4
  - Interreg III B: 5
  - Interreg III C: 2
  - Interreg IV- Med:2
  - Interreg IV Morocco:3
  - Interreg IV Spain-Portugal:1
  - Interreg IV Arco Atlántico: 3
  - Interreg IV Sudoe: 1
  - Interreg V Sudoe: 1
  - Interreg V Atlantic Area. 1
  - Interreg V POCTEP: 11
  - Interreg ENI CBC MED: 1



# European Projects- H2020





# European Projects- H2020

- Excellent Science: 13 (Pillar I)
  - MSCA Individual Fellowships: 4
  - MSCA ITN: 3
  - MSCA Researchers Night: 5
  - Infrastructure: 1
- Industrial Leadership: 4 (Pillar II)
  - NMBP (Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology) - **1 coordinated project**
  - EEB (Energy Efficient Buildings): 1
  - BBI (Bio-Based Industries): 2
- Societal challenges: 5 (Pillar III)
- SWAFS (Science with and for Society): 2 coordinated projects

# European Projects- H2020



**STIMEY (Science Technology Innovation Mathematics Engineering for the Young)**

**Pillar:** Science with and for Society

**Website:** <http://promostimey.uca.es/#>

**Start date:** 1 September 2016- **End Date:** 31 March 2021

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## Participants

## EU contribution

<b>UNIVERSIDAD DE CADIZ (Coordinator)</b>	€ 1 813 093,75
<b>HOCHSCHULE EMDEN/LEER</b> Germany	€ 840 420
<b>POLOTSK STATE UNIVERSITY</b> Belarus	€ 176 218,75
<b>UNIVERSITY OF MACEDONIA</b> Greece	€ 374 468,75
<b>JYVASKYLAN YLIOPISTO</b> Finland	€ 326 816,25
<b>MLS PLIROFORIKI AE</b> Greece	€ 101 343,75
<b>BABY RADIO SL</b> Spain	€ 206 281,25
<b>KOMPETENZENTRUM TECHNIK-DIVERSITY- CHANCENGLEICHHEIT E.V., Germany</b>	€ 126 730

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# European Projects- H2020



**STIMEY (Science Technology Innovation Mathematics Engineering for the Young)**

**Pillar: Science with and for Society**

**Website: <http://promostimey.uca.es/#>**

## Objective

Create an educational platform with multi-level components, designed and developed on the base of a well-researched pedagogical framework, which aims to make STEM education more attractive to young people from age 10 to 18 years old.

The socially motivational platform for emotional and educational engagement-the STIMEY (Science, Technology, Innovation, Mathematics, Education for the Young) platform, will combine:

- - social media components and entrepreneurial tools (present),
- - robotic artefacts (the future),
- - radio (the past)

Research group: Applied Robotic

# European Projects- H2020



**INNOVACONCRETE- Innovative materials and techniques for the conservation of 20th century concrete-based cultural heritage**

**Pillar II: INDUSTRIAL LEADERSHIP**

**Website:** <https://www.innovaconcrete.eu/>

**EU CONTRIBUTION:** € 6 882 086,50

•**Start date:** January, 1, 2018 – **End date:** December, 31, 2021

•**Duration:** 48 months

## Partners

University of Cadiz: coordinator





# European Projects- H2020



**INNOVACONCRETE- Innovative materials and techniques for the conservation of 20th century concrete-based cultural heritage**

**Pillar: INDUSTRIAL LEADERSHIP**

**Website: <https://www.innovaconcrete.eu/>**

**EU CONTRIBUTION: € 6 882 086,50**

## **Objective**

Preserving concrete-based monuments, the most significant tangible Cultural Heritage (CH) in the 20th Century

- Develop innovative solutions for preserving concrete monuments.
- Optimization of the proposed solutions carry out by the use of theoretical tools (multi-scale modelling approaches) together with experimental tools (laboratory and in situ validation).
- The promotion of citizen awareness of 20th Century concrete-based Cultural Heritage.
- The market uptake of the InnovaConcrete solutions.

**Research group: Molecular sieves and other nanomaterials**

# European Projects- Horizon Europe

€95,5 billion (2021-2027)

## HORIZON EUROPE

## EURATOM

### SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on  
defence research  
& development*

Research  
actions

Development  
actions

### SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT\*

*Exclusive focus on civil applications*



**Pillar I  
EXCELLENT SCIENCE**

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



**Pillar II  
GLOBAL CHALLENGES &  
EUROPEAN INDUSTRIAL  
COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III  
INNOVATIVE EUROPE**

European Innovation  
Council

European innovation  
ecosystems

European Institute of  
Innovation & Technology\*

### WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint  
Research  
Center

\* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

# European Projects- Horizon Europe

Proposals	Coordinated	Projects
47	18	7

## PROJECTS

**REALM, Cluster 6, Circular Economy**

**MSP4BIO, Cluster 6, Biodiversity**

**IGNITION, Cluster 6, Aquaculture**

**OPENRESEARCHERS2223, MSCA**

**INSPIRE, Missions-Oceans**

**PARKSEQ, MSCA-PF-2022**

**ECO2WINE, MSCA-DN-2022**

# Thank you

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