

COMPETITIVE PROJECTS

Other competitive projects

PACSMAC



The paradoxes of climate-smart coffee

PRINCIPAL INVESTIGATOR:



Janina Grabs

PERIOD:

April 2021 – March 2026

FUNDING BODY:

Ministry of Foreign affairs-Denmark

REFERENCE:

20-07-CBS

COORDINATING INSTITUTION:

Copenhagen Business School

SUMMARY:

PACSMAC convenes researchers from CBS, the University of Jimma and the University of Dar es Salaam, to study how climate change and climate-change adaptation and mitigation strategies currently affect Ethiopia and Tanzania’s coffee VCs and might further (re)shape them in the medium and long term. Further, the project will examine how these transformations redistribute value-adding activities, economic benefits and environmental impacts spatially and across VCs.

Three main questions guide the research:

- How might climate change itself, alongside the mitigation and adaptation efforts intended to address it, affect the governance of coffee VCs originating in Ethiopia and Tanzania?
- How do these changes affect the distribution of value along the chain, upgrading opportunities and farmer livelihoods?
- How might these changes reshape the geography of coffee production and forest cover?

PACSMAC will contribute to scientific knowledge in several ways. First, it investigates the interaction between climate change, VCs, and farmer livelihoods, a critical but poorly understood sustainability nexus. Second, studying coffee VCs can identify risks that may emerge in other agricultural sectors. Because coffee is a particularly climate-sensitive crop, experience with it can inform scenarios for other sectoral futures. Finally, PACSMAC will develop policy recommendations (on land use, adaptive cultivars, intellectual property management and governmental policy) informed by an improved understanding of producer livelihoods and interactions with broader VC processes.

Unit: IIS-GRRSE

AVANT-EU



Advancing Esade's European Research

PRINCIPAL INVESTIGATOR:



Laura Castellucci

PERIOD:

January 2019 – June 2021

FUNDING BODY:

MICINN-MCIU

REFERENCE:

ECT2019-000582

SUMMARY:

This project was funded under the Ministry's 2019 Call for *Europa Redes y Gestores (European Networks and Managers)*. Its main objectives were as follows:

- Objective 1: Consolidate specialized help for researchers who want to submit proposals to H2020. It is expected to be able to increase the number of proposals involving new researchers; and to increase the number of coordinated projects submitted by Esade.
- Objective 2: Support and attract talented researchers, establishing ESADE as a center of excellence.
- Objective 3: Promote the professionalization of the technicians of the Office through specialized training and attendance at information events on the H2020 programmes. The training plan for office managers is aimed at continuous training in the area of management of H2020 projects and in anticipation of the new Horizon Europe programme.
- Objective 4: Outreach actions to promote the European research culture. Create and promote synergies between ESADE research groups, Spanish companies and other research groups of the Ramon Llull University.

Unit: Esade Research Office

EU-SysFlex



Pan-European system with an efficient coordinated use of flexibilities for the integration of a large share of RES

PRINCIPAL INVESTIGATOR:



Jordi
Vinaixa

PERIOD:

November 2017 – February 2022

FUNDING BODY:

European Union - H2020 Programme

REFERENCE:

GA 773505

COORDINATING INSTITUTION:

EIRGRID PLC

RESEARCH TEAM:

Carlos Gonzalez, Winnie Vanrespaille, Hassan Ahmad Muslemani

SUMMARY:

The overall objective is to ensure an efficient and sufficient level of system services are provided to facilitate meeting world leading levels of RES-E (renewable energy sources) while maintaining the level of resilience that consumers and society have come to expect from the European electricity system. This requires defining the right amount of flexibility and system services to support transmission system operators using a threefold approach.

Firstly, the technical needs of the pan-European system will be defined for scenarios with more than 50% RES-E in will be identified and translated to services and products to be delivered in an enhanced market design. Secondly, the electricity market design and regulation need to be augmented to efficiently and effectively procure the appropriate combination of these system services. Thirdly, implicit and explicit barriers to competitive forces being applied need to be removed. This requires an in-depth understanding of all stakeholders' roles (Generation and flexibility providers, Transmission system operators (TSO) and Distribution System Operators (DSO) and regulators) at all system levels (interconnected system, national transmission and distribution sub-systems and consumers).

More info: <https://eu-sysflex.com/>; <https://cordis.europa.eu/project/id/773505>

META-CAN

METACAN
Metabolism Immunity Cancer



Targeting the metabolism-immune system connections in Cancer

**PRINCIPAL
INVESTIGATOR:**



Jordi
Vinaixa

PERIOD:

January 2017 – December 2020

FUNDING BODY:

EU H2020

REFERENCE:

H2020-MSCA-ITN-2017

SUMMARY:

This network provided a pan-European interdisciplinary and intersectoral training program of excellence bringing young researchers together with World leading academics, clinicians, pharma industry members, corporate research and dissemination and outreach specialists in the field of metabolism-immune system connections in cancer. As part of the research training, Esade provided a course titled, Bench to Business, providing the researchers with skills to allow them to transform their ideas into a science-based entrepreneurial venture.

More info: <https://cordis.europa.eu/project/id/766214>

MevaPlaya+



Explorando la resiliencia de las playas dentro del proceso de cambio global: riesgos y oportunidades

PRINCIPAL INVESTIGATOR:



Josep F. Valls
Giménez

PERIOD:

January 2014 – December 2016

FUNDING BODY:

MICINN-MINECO

REFERENCE:

CGL2013-49061-C3-2-R

RESEARCH TEAM:

Research team: Josep Rucabado Aguilar, Joan Ramis Pujol, Antoni Parera Olm

SUMMARY:

Following the model of beach sustainability indicators developed by Sardá, Pintó, Valls et al (2013), the research on Governance in Spanish beach municipalities carried out within this project indicates that Spanish coastal municipalities continue to give low importance to the Natural Function of beaches – natural conditions, water and sand pollution, physical quality of the beach, conservation of dunes and habitat, impact of human intervention. However, exactly the opposite occurs with the evaluations of the Recreational Functions – satisfaction of the leisure and recreation needs of tourists, microbiological quality of the water, services and facilities, accesses and parking, security, surroundings. And the same thing happens with the Protection Function – protection of promenades, coastal infrastructures, distance between infrastructures and the shore, width of the beach, etc. The indices do not improve with respect to the previous measurement carried out in the previous project. While the services and facilities around the beaches are highly valued by the majority of the municipalities surveyed, the rest of the indicators linked to strategic planning in the medium and long term appear lower. This gap shows that the beaches are managed to attract visitors and tourists, that they are filled at very specific times of the year, but that most municipalities do not have a sustainable vision that sees them as fragile environmental elements whose conditions must be protected. The smallest municipalities and the largest ones with beaches show the best BQI indices and are most concerned about improving the NFI and PFI indicators.

EBGC



The European Business Growth Catalyst Training Programme for SMEs

**PRINCIPAL
INVESTIGATOR:**



Ivana
Casaburi

PERIOD:

October 2013 – September 2015

FUNDING BODY:

EU LLL-Jean Monnet-Erasmus+

REFERENCE:

GA-2013-3402/001-001 (Project number
539287-LLP-1-2013-1-UK-ERASMUS-EKA)

SUMMARY:

In the frame of the EU funded “European Business Growth Catalyst” project, the team at Esade Business School helped to develop a unique, hands-on training programme designed to equip the entrepreneurs with the tools needed to analyse their business and take action to achieve outward growth. The programme was addressed to SME business owners, managers, entrepreneurs who:

- can drive change and make strategic decisions
- want to develop their leadership and strategic management skills
- want to share experiences with experts who have overcome organizational challenges within a European context
- want to drive their own or their client’s organization forward and stay ahead of the competition
- want to make their organization investor-ready.

Unit: Executive Education

5GSmartFact



Industrial Doctorate Training Network on Future Wireless Connected and Automated Industry enabled by 5G

**PRINCIPAL
INVESTIGATOR:**



Jordi
Vinaixa

FUNDING BODY:

EU H2020

SUMMARY:

The objective of the research programme is to train young researches to be able to analyse, design, develop and assess the deployment of 5G networks that target the i4.0 requirements and exploit them to integrate current robot applications which might lead to a complete redesign of robot architectures and hence to a leap forward in the automation industry. As part of the research training, Esade will provide the researchers with specialised course on entrepreneurship, equipping them with skills to allow them to transform their ideas into a science-based entrepreneurial venture.

More info: <https://cordis.europa.eu/project/id/956670>

