



# Researchers Mobility Fund

## UAB's rules for participation

### Aims:

Promote international collaboration among researchers from all member institutions of the ECIU University by facilitating the exchange of research ideas that could lead to joint applications for EU, national, or international funding programmes, thus amplifying the global impact of the consortium.

### Who can apply?

This call is addressed to **PDI doctor (research and academic staff)** with research duties.

### Funding available

Applicants may apply for a grant up to €4,000. Each ECIU University member institution allocates € 20,000 annually (2024 and 2025) for the Research Mobility Fund.

### Supported Research fields:

The RMF is open to all disciplines. In the event of applications of equal value, priority will be given to applications that address the research fields listed in Appendix 1.

### Available destinations

All **ECIU UNIVERSITY** member universities (<https://www.eciu.eu/>): Aalborg University (Denmark), Dublin City University (Ireland), Hamburg University of Technology (Germany), Institut National des Sciences Appliquées (France), Kaunas University of Technology (Lithuania), Linköping University (Sweden), Lodz University of Technology (Poland), Tampere University (Finland), Universidade de Aveiro (Portugal), University of Stavanger (Norway), Università di Trento (Italy), University of Twente (Netherlands) i Tecnológico de Monterrey (Mexico).

## What can the funding be spent on?

The RMF in general is used for outgoing travel and associated subsistence costs for visits to member or associate member institutions of the ECIU University. The applicant remains an employee of the home institution, which is responsible for awarding grants to applicants from the same institution and paying the usual salaries in accordance with its own financial rules and regulations.

In principle, the funding covers following types of costs and expenditure:

- Travel costs (e.g., bus, train, and flight tickets)
- Associated subsistence costs (e.g., accommodation and travel allowance).

If experiments are planned, the coverage of lab costs (including access) needs to be agreed between participating member institutions before the mobility.

In principle, the funding does not cover the following types of costs and expenditure:

- Conference or symposium attendance fees, or costs for consultancy work for research proposals.
- Bank fees charged by a hosting member institution.
- Participants' personal expenses.

## Duration of stay at a member institution

Applicants are obliged to undertake a minimum stay of 5 working days (excluding travel days). The maximum duration of the stay is one month. Duration of stay is negotiated on an individual basis with the host institution.

## Insurance

It is the responsibility of the beneficiary to have medical coverage during their stay (European card, private insurance or other).

## Evaluation of the applications

The member institution to which the applicant is affiliated is responsible for making the decision to grant an ECIU RMF subsidy. The criteria used to evaluate and select applications are as follows:

**Relevance (30%):** The relevance of the purposes and objectives established in the proposal will be assessed, as well as the alignment with the objectives of the call.

**Work Plan (20%):** The activities will be evaluated to ensure they are clearly defined and realistic within the given timeframe and available resources.

**Impact (30%):** The potential impact that this mobility will have at research level, at institutional level and at ECIU University level will be considered. Likewise, it will be assessed whether long-term mechanisms have been planned to support the collaboration, beyond funding.

**Budget Appropriateness (20%):** The appropriateness of the budget will be evaluated according to the proposed activities and the established timeframe.

**Documentation:** A letter of acceptance from the host University must be attached to the application. It is necessary to inform **eciuniversity.coordinacio@uab.cat** in advance of the dates of the stay.

**Final report:** during the 30 calendar days following the end of the stay, a final report must be submitted. A justification template will be provided.

**Dates of the stay:** The stay must take place on the following days: 01/09/24-13/12 24.

**Next application collection date:** 01/06/24-05/07/24

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## How to apply for an RMF grant in UAB?



► This **application form** must be completed no later than **July 5<sup>th</sup>, 2024**. Applications will be resolved by the Research, Transfer, and Innovation Commission. [Application form](#)

For more information, please contact:

eciuniversity.coordinacio@uab.cat

# Appendix 1 – Research Fields

## **Research Field Citizen Science**

### **Research Field Energy and Sustainability**

1. Climate-resilient energy sector
2. Encouragement to the producers to decrease the virgin raw materials consumption
3. Renewable sources of energy & integration of renewables in the energy system
4. Decarbonization of the power sector toward net-zero emission by 2020
5. Whole life cycle analysis.
6. The role of civil society and social movements in energy transitions
7. Social sustainability in the logistic sector and resource depletion for manufacturing processes
8. Citizen engagement targeting bringing the public on as a champion of research in this area to help "motivate" political policy
9. Embodied energy of products
10. Smart design of optimal and reliable energy systems
11. Reliability and Safety Study of Energy Systems
12. International provision chains for renewable energies
13. Energy storage
14. Transformative innovation perspectives
15. Resilient any-scenario communication networks

### **Research Field Circular Economy**

1. Reuse (and recycling) of challenging waste fractions, such as multimaterials/composites and critical materials in the European context
  2. Development of biological, thermal, physical and chemical technologies for resource recovery.
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3. Investigate the impact of consumer behavioural change on the environmental, economic, and social aspects of a product's life-cycle.
  4. Circular oriented innovation
  5. Disassembling of product at end of life for component reusage
  6. Development of products for circular economy
  7. Effects of legislation and business models on circular economy solutions and the

drivers and barriers regarding legislation at national and EU level.

8. Materials, such as Polymers, Construction materials and critical raw materials

9. Acceptance of different solutions, e.g. markets for nutrient products recovered from waste streams.

10. Execution and implementation of circular economy principles within an organization

11. Recovery of resources, e.g. nutrients, metals, carbon and/or energy, from industrial, municipal and agricultural waste streams

12. How to integrate CE-thinking into the development work (for example C2C innovation and stage-gate innovation work)

13. Circular construction

14. Sustainable exploitation of mineral raw materials (no more mining wastes; integral use of low-grades)

15. Food waste recycling and food waste valorization

### **Research Field Transport and Mobility**

1. Autonomous Driving and Smart Mobility. Create Methods for Multi-Sensors based Road Scene Analysis.

2. Artificial intelligence to mobility and transport prediction

3. Artificial Intelligence for Logistics Management

4. Urban transport in post covid era

5. Zero-emission public transportation

6. Smart design of optimal and reliable systems

7. Shareconomy in logistics (uberization of trucking, car sharing, crowdsourced logistics, platform, etc.).

8. Fully integrated multi-modal mobility options with transportation delay predictions and mobility apps from public administrations

9. Electric vehicles

10. Better use of travel card data for optimization

11. Sharing and utilization of real-time data in supply chains

12. Development and evaluation of integrated concepts in mobility and land use planning

13. Digitalisation of urban transport (shared mobility, mobility as a service), and its societal impacts

14. Walkability and emotions in urban environments

15. Bikeability – from car-dependency to soft mobility

### **Research Field Resilient Communities**

1. Trade-offs between resilience and equity/justice

2. Co-creation of practices facilitating resilient communities
3. Social health of communities & social capital (social networks, social trust, reciprocity norms)
4. Citizen participation
5. Employ scenario-building to stimulate community engagement in community engagement in co-creating sustainable and smart communities.
6. Renewable energy production balanced with consumption in a localised community-focused manner
7. Power relations in a resilient community: between members, between community and authorities, between community and society more in general
8. Urban infrastructures risks due to extreme events => nature-based solutions
9. Building on a broad range of stakeholder/community/professional experiences to ensure dealing with the most difficult problem for sustainability
10. How to promote the reuse and adaptation of the built stock to both climate change and social change
11. Analysis of how city-regions are emerging as key contexts for building resilient urban futures
12. Collective action problems associated with community adaptation and resilience
13. Hybrid governance solutions that involve communities, governments and marketbased arrangements
14. Multimodality in urban resilient transport systems (car, cycling, shared mobility, public transport)
15. Citizen science/crowd-sourced science