



Re-UNITA

RESEARCH Newsletter

Editorial

Welcome to the 13th edition of the Re-UNITA Newsletter!

In the topic of Cultural Heritage, a collaborative editorial project on French environmental history is addressed. In the framework of the Circular Economy hub, a study that establishes the relation between circular economy and production costs is presented. Finally, in the subject of Renewable Energies, the focus is set on the creation of the CISE Living Lab, a real-life demonstration site especially dedicated to the development and validation of technologies for sustainable and reliable hybrid energy systems.

This edition also encompasses the nomination of the *PhD student of the month* and the *Woman researcher of the month*, complemented by an interview to a researcher from UPPA.

Enjoy your reading!

António J. Marques Cardoso
Chair of the RE-UNITA Researchers' Assembly
Deputy Director of the UNITA Renewable Energies Hub
Coordinator at UBI of the UNITA Renewable Energies Hub

Cultural Heritage



It is only in the 1970s that the word "environment" appeared in the French language, with the meaning we know today. Does this mean that past societies did not have a reflexivity about their environment?

To answer this question, researchers in modern history at the USMB's [LSSETI laboratory](#) are developing a collaborative editorial project on French environmental history. This project aims to develop a historical narrative centered on the relationship between societies and environments, but using a chronology that does not coincide exactly with the major academic periods of history.

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Circular Economy



How does it pay to be circular in production processes? Eco-innovativeness and green jobs as moderators of a cost-efficiency advantage in European small and medium enterprises
Business Strategy and the Environment, Vol. 31, mars 2022, p. 1184-1203

Aurore Darmandieu and Antoine Renucci (Lirem), in collaboration with their colleagues Conchita Garces-Ayerbe and Pilar Rivera-Torres from the University of Zaragoza, show that engaging in circular production practices reduces production costs, by using data on 13,117 SMEs from the Flash Eurobarometer 2017. This effect is greater the higher the level of eco-innovation, i.e. WHEN SMEs invest more in the implementation of circular practices. A contribution to the United Nations goals for Sustainable Development...

[View article»](#)

Renewable Energies



CISE Living Lab

CISE Living Lab, a research facility of CISE - Electromechatronic Systems Research Centre, is a real-life demonstration site especially dedicated to the development and validation of technologies for sustainable and reliable hybrid energy systems, involving multiple energy vectors - electricity, thermal energy, and hydrogen. Technologies for renewable energies, multiform energy storage, and efficient energy consumption are studied in the aspects of control, energy efficiency, diagnostics, and fault tolerance.

Site: <https://cise.ubi.pt/>

PhD student of the month



Mohamed CHARHBILI is a Ph.D student in economics at the [IREGE laboratory](#) of the USMB, under the supervision of Bérangère Legendre and Sarah Le Duigou.

He is starting a doctoral work on the role of telework in the energy transition. He studies in particular how telework affects the energy consumption of firms and households, but also mobility, and if the balance in terms of greenhouse gas emissions is ultimately positive. His Ph.D is funded by the [CLEE chair](#) of the [USMB Foundation](#).

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Woman researcher of the month



Simona Tobia is currently Senior Lecturer in American Studies at the Université de Pau et des Pays de l'Adour. She gained her PhD from the Università degli Studi di Milano (Italy) and worked at the University of Reading (UK), and University College, London. She worked at the Library of Congress, Washington D.C. as a Kluge Fellow and at Université Jean-Jaurès in Toulouse before joining UPPA and the research group ALTER (UR 7504) in 2019. Her field of expertise is Memory Studies, Oral History, twentieth-century War and Culture Studies and the history of migration. Simona co-leads the research project Les Anglophones à Pau. Récits d'une expérience migratoire. She is currently UNITA representative for the Collège Sciences Sociales et Humaines.

[Read interview»](#)

Highlights

Re-UNITA 's PROOF OF CONCEPT PROGRAM

Do you collaborate with another UNITA University? Do you have an idea that may be developed through a small Proof of Concept Project? Do you want to participate in an international contest to fund your idea?

Now you have the chance to participate in Re-UNITA 's Seeding Proof of Concept Program by sending your Project before 26th May 2023

[Contest rules](#)

In the framework of Re-UNITA project the following training courses on Open Science are available:

1. Use Open Identifiers and manage your researcher's digital identity:

<https://forms.gle/ypmeRWaVsCarPsZ6>

2. Legal Issues: Intellectual Property:

<https://forms.gle/2i9kGK6bQhzFKztA7>