



Editorial

Welcome to July's edition of the Re-UNITA Newsletter!

As in the previous editions, you will find interesting reading about some specific projects and ideas running inside our alliance along the three pillars, namely Cultural Heritage, Circular Economy and Renewable Energy; in particular, in the present issue the focus will be on an interesting project (Montanha Mágica - Arte e Paisagem - Magic Mountain Art and Landscape) launched almost four years ago by the colleagues of the Universidade de Beira Interior - UBI, Portugal, dealing with a re-discovery of the Landscapes in their entirety, including all the possible dimensions of interaction with the territory, being in this case centred around Covilhã.

As for Renewable Energy, you will find a highly pertaining description of the Life Optimal 2012 project, presented by the partners of the University of Turin, dedicated to the valorization of agricultural residues with many further applications, deriving from a clever handling of the manure produced by livestock farming.

Eventually, a very intriguing topic presented by the colleagues of the University of Zaragoza will bring you inside the themes of Circular Economy.

I wish you a pleasant reading, maybe during your holiday ... and keep in touch for the next edition with even more ideas about cooperation inside our marvellous alliance!

Cristina Prandi
Vice-Rector for Research
University of Turin

Cultural Heritage



Montanha Mágica* Arte e Paisagem

Montanha Mágica* Arte e Paisagem (*Magic Mountain* Art and Landscape*) is an international platform that involves universities, institutions, artists and researchers in the evocation of Landscape as a way of seeing, understanding, representing, knowing and manufacturing the territory, insofar as such processes are interdependent on the ability to exalt symbolic and poetic, but also pragmatic and critical that, in its extensive and multimedia field, the arts work. For this purpose, since 2018 it has been programming residences, symposia, artistic creation projects, workshops, exhibitions and publications on mountain subjects in an interdisciplinary way.

www.montanhamagica.ubi.pt

Circular Economy



PIEZOZYMES project

UNIZAR has just incorporated the young biotechnologist Susana Velasco into its staff, who has obtained funding of €1.5M to research more sustainable chemical processes for five years, thanks to a 'Starting Grant' from the European Council of Research, the most prestigious scientific institution in the European Union. It will allow her to lead the PIEZOZYMES project at within the ISQCH, CS mixed center.

PIEZOZYMES, pushes the forefront of technology, pursuing novel biotechnological tools aimed at the efficient regeneration of redox cofactors powered by mechanical sources.

More information:
<https://ucc.unizar.es/noticias/la-biotecnologa-susana-velasco-obtiene-de-europa-una-ayuda-starting-grant-de-15meu-para-su>

Renewable Energies



OPTIMAL - OPTimised nutrients Management from Livestock production in Alto Adige

The Life OPTIMAL project developed a new concept to maximise the value chain of manure produced by livestock farming, bringing environmental, economic and social benefits in the alpine area of the Alta Valle d'Isarco in northern Italy. Implementation actions range from the production of renewable energy through anaerobic digestion, to the production of high-value renewable fertilizers (e.g., pellet, concentrate) used in other areas of South Tyrolean Province.

<https://www.biogas-wipital.com/en/>
<https://www.youtube.com/watch?v=YuQNensgP28>

PhD student of the month



Joana Marques

ART EXPRESSIONS AS URBAN IDENTITY AND PARTICIPATIVE PHENOMENA: COVILHA, A SCENOGRAPHIC MODEL

City, memories, public space, identities, construction of place. Focusing the study on the particular case of Covilhã, that at one time was considered one of the largest industrial cities in Portugal, has changed since globalization. Investigation done through an artistic project, a collective performance exercise in places of the city, in the form of a route. There was a cross between the various artistic expressions, reinterpreting places in a contemporary way, working on memory(ies), seeking to democratize the artistic experience and bringing it closer to life.

<https://joanarjbmarmarques.wixsite.com/percursoperformativo?fbclid=IwAR3zyWPBBY8wnq6h7OYcQWlOwopzHs3foHWVg7h43LjXobtoCKiAkwodHIE>

Woman researcher of the month



Alicia Valero Delgado, Universidad de Zaragoza

Alicia Valero Delgado is a Ph.D. in chemical engineering from the University of Zaragoza. In addition to this university, she trained at TU Berlin, Paul Sabatier in Toulouse and the British Geological Survey. She currently directs the Industrial Ecology research group at the CIRCE Institute and is a Full Professor at the University of Zaragoza.

Her research activity has focused on the search for efficient solutions in the use of resources and the application of thermodynamics to evaluate the mineral capital of the Earth, a topic on which he has been working for more than 15 years and on which he has received four international recognitions. Among her publications, her book co-authored with Antonio Valero stands out: "Thanatia, the destiny of the Earth's mineral resources" (WSP, 2014). The latter is joined by more than fifty publications in scientific journals and book chapters, as well as numerous communications at international conferences. She has participated in some thirty national and international projects, all related to the study and optimization of energy and materials. She is part of several international expert groups on critical raw materials.

ResearchGate's Profile:

https://www.researchgate.net/profile/Alicia_Valero

Interview:

<https://icirce.unizar.es/alicia-valero-re-unita-woman-researcher-month>

Photo by by Neima Pidal, photographer.

Highlights

Would you like to share this SUMMER a new experience in a different environment?

"UNITA - Rural Mobility" is a university internship programme for UNITA students in entities and companies in rural municipalities.

The University of Zaragoza has launched a new call for rural mobility.

APPLY NOW! JOIN US!!

<https://internacional.unizar.es/unita--mobility>

EIT Food Summer schools and challenges

The European Institute of Innovation and Technology (EIT) brings together leading higher education institutions, research labs and companies to form dynamic cross-border partnerships - Knowledge and Innovation Communities (KICs) - that develop innovative products and services, start new companies and train a new generation of entrepreneurs.

EIT Food is aware that new ideas are needed to help solve some of the toughest global challenges and to help transform the food system. Students are great creative thinkers, often giving different insights into possible solutions. That's why EIT Food's programmes are designed to help them do just that. EIT Food education programmes are designed to bring students, industry and entrepreneurs together to co-create new solutions for the food system that can have real impact in the world.

<https://en.unito.it/studying-unito/programs/summer-and-winter-schools/eit-food-summer-schools-and-challenges>

"UPPA will host the Autumn school "ROM/POL - detective fiction, an emerging cultural heritage" from the 27th of sept. 2022 to 1st of octbre 2022.

The thematic school will take place over five days which will allow students to tackle theoretical aspects linked to the detective novel in Romance languages (conferences and round tables led by specialists in the genre) and to take part in the various activities programmed within the framework of the festival "Un aller-retour dans le Noir" which will celebrate its 13th edition (meeting with writers, debates, public readings, film show).

This event is a key tool to promote research towards master students and ensure the link between training and research, in collaboration with many researchers and teachers from UNITA Alliance.

The school is opened to master and PhD students.

[Click here for more information and registration.](#)