

Biannual Newsletter

artēs

November 2025

NEWS FROM PARTNERS.

R2M Solution (R2M) – Pavia, Italy



Site visits in Torino pilot rooftop

On March 3, 2025 and May 16, 2025, The R2M Solution team conducted two site visits to the rooftop pilot at Fonderie Ozanam in Turin. The visits focused on assessing the rooftop's condition and its potential transformation into a multifunctional urban hub integrating green infrastructure, renewable energy, and community spaces. The team documented current conditions, explored design scenarios, and outlined next steps toward developing a digitally monitored, community-driven rooftop model aligned with the aRTes vision.



The Integration of Green Roofs in Architecture

On May 21, 2025, Cristina Barbero (R2M) participated in the workshop [*"The Integration of Roof Green Landscapes into Architecture"*](#) led by Dr. Maurizio Crasso from Harpo Verde Pensile. The session explored architectural, technical, and regulatory aspects of green roof design according to UNI 11235/2015 and ISPRA guidelines. Topics included construction typologies, drainage systems, energy efficiency, rainwater management, sustainability certifications (LEED, LCA, EPD, BRooF T2), and ongoing scientific research.



Sustainable Places Conference 2025 in Milan

Between October 8-10, 2025, R2M Solution organised and participated in [*Sustainable Places Conference 2025*](#), one of Europe's leading conferences on sustainability in the built environment. The conference brought together researchers, industry leaders, and policymakers to discuss smart cities, energy efficiency, Positive Energy Districts, and the clean energy transition. Sustainable Places remains a key platform for showcasing European R&I progress and strengthening the market uptake of sustainable technologies.

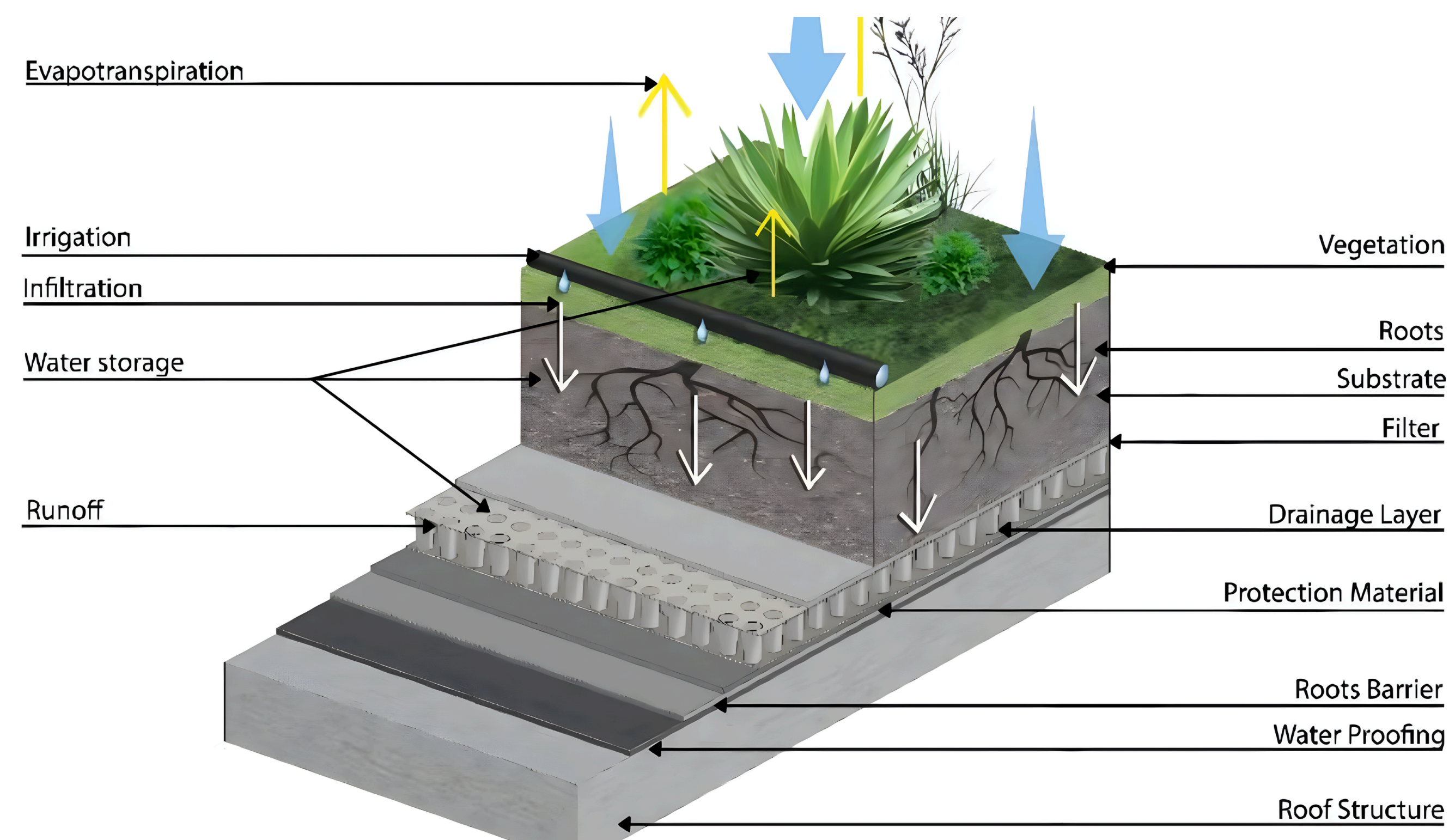
NEWS FROM PARTNERS.

[University of Aveiro \(UA\)](#) – Aveiro, Portugal



Ana Antunes | New Team Member in UA

In October 2025, the [University of Aveiro](#) welcomed Ana Antunes to the aRTes team. Ana brings nearly a decade of research and laboratory experience and holds degrees in Civil Engineering, Geological and Mining Engineering, and a Master's in Civil Engineering. She is currently completing her PhD in Civil Engineering with a focus on sustainable rehabilitation, strengthening the team's expertise in resilient and environmentally responsible construction.



Review on Stormwater Retention Performance of Green Roofs

In October 2025, the [University of Aveiro](#) conducted a comprehensive state-of-the-art review on the stormwater retention performance of green roofs. The study analysed 2,692 samples collected over 20 years across 24 countries, offering valuable insight into global trends in green roof hydrological behavior. This work forms the scientific foundation for the stormwater management solution currently being developed for raised-floor applications within aRTes. The review has been submitted to a peer-reviewed research journal.

NEWS FROM PARTNERS.

Ecometro (ECO) – Madrid, Spain



ecometro.org 🇪🇸 Nos complace p Asociación Ecómetro, Irina Tumini.

La relación de Irina con la Asociaci cuando, a través de amigos arquite propias palabras, se vio atraída por organización, el concepto de desar colaborativo que fomenta y su con una arquitectura comprometida co medioambiente".

Con más de 15 años de experienci aplicada a la arquitectura y el urba arquitecta y doctora en Arquitectu combinado la consultoría con la in especializándose en evaluación de estrategias frente al cambio climáti

Colabora con Green Building Espa participando en el desarrollo de la está acreditada como Evaluadora V Asesora BREEAM (@breeam_es).

Con esta nueva etapa como directc lleva un paso más allá su comprom entornos construidos responsables

¡Bienvenida! 🌱

#Ecometro #Acv #Descarbonizació

Dr. Irina Tumini | New team member in Ecometro

In April 2025, Ecometro welcomed [Dr. Irina Tumini](#) to its team, an Accredited VERDE Advisor, LEED AP, and BREEAM NC Advisor with almost 20 years of experience in research and consulting in Sustainable Architecture and Urban Planning, as well as in teaching at public and private universities in undergraduate, master's, and doctoral programs.



Plan de azoteas verdes de la ciudad de Madrid | Special Plan for Green Roofs

In May 2025, Ecometro highlighted the relevance of Madrid's newly approved [Special Plan for Green Roofs](#). The city of Madrid has approved this plan to transform unused spaces into active places where residents can find new communal spaces for sharing. This measure seeks to improve thermal comfort conditions resulting from the urban heat island effect and enhance the city's resilience. As this measure fits into aRTes project goals in promoting the transformation of unused roofs, it is estimated that 124,474 buildings could potentially be benefited from.



Master del Gestor de Cambio Climático at National University UNED

Ecometro was invited to contribute to the [Master in Climate Change Management at UNED](#), where the aRTes project was presented as a real-world case study. The module was focus on opportunities to decarbonize the built environment, specifically covering building certifications and performance benchmarking. Looking ahead in November 2025, Ecometro will soon formalize a collaboration with UNED for the development of the circularity index, as part of WP2.

NEWS FROM PARTNERS.

University of Cyprus (UCY) – Nicosia, Cyprus



Participation in Green Roofing Workshop and New Collaboration with EFB

In June 2024, Riccardo Urbano participated in the [Green Roofing Workshop](#) organised by the Italian Institute of Bioarchitecture at Harpo's headquarters in Trieste, where technical and regulatory aspects of green roof construction were covered. The workshop concluded with a site visit to Porto Piccolo – Sistiana. On behalf of the aRTes Project, Riccardo has also begun collaborating with the [European Federation of Green Roofs and Living Walls \(EFB\)](#).



Rooftop Days 2025: Conference and Professionals' Meetings

On September 26-28, 2025, Veronika Antoniou participated in [Paris Rooftop Days 2025](#), a three-day event showcasing the spatial, ecological and social potential of rooftop spaces in Paris and Greater Paris. The programme included professional presentations with architects, planners, municipal actors, and developers, as well as public rooftop visits, workshops, and activities highlighting green roofs, rooftop farming, and urban wellbeing. The event offered insight into rooftop initiatives and enabled the launch of the aRTes survey with French stakeholders.



Participation at New European Bauhaus Sur + & Panel discussion at ARQUIA Foundation

In October and November 2025, Raquel Guerra Aragonés contributed to two key discussions on housing and urban retrofit. At the [New European Bauhaus](#) Sur+ Meetings in Seville (8 October), she participated in a session on community involvement and holistic retrofit approaches.. Later, on 5 November at [Espacio Arquia](#) in Madrid, she joined a panel on housing retrofit challenges in Madrid and Barcelona, exploring regulatory barriers, cost-benefit considerations, and the impact of European and national policies.

NEWS FROM PARTNERS.

Universidad Politécnica de Madrid (UPM) – Madrid, Spain



POLITÉCNICA



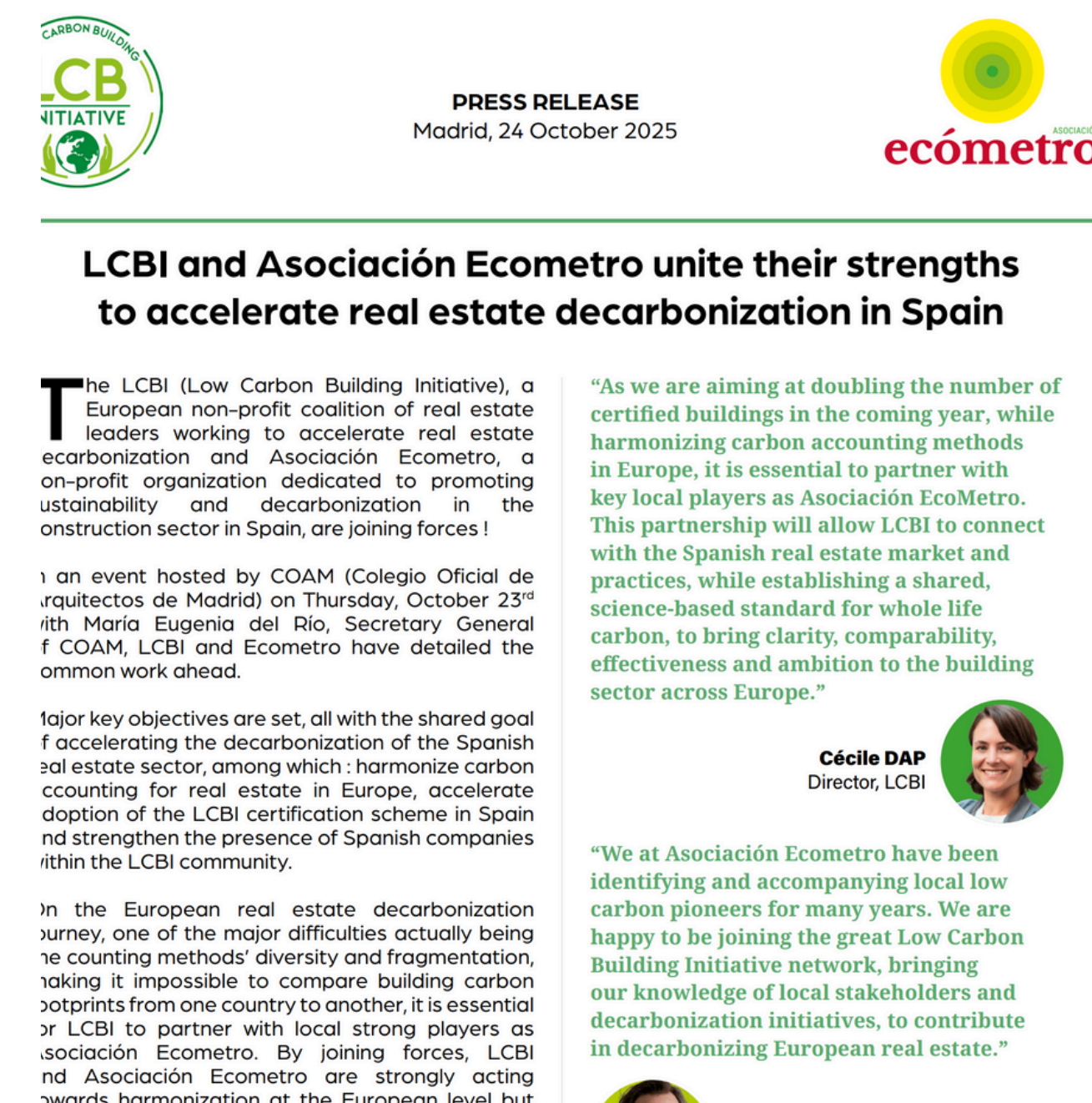
Urban Transformation Strategy: Plan Regenera Madrid | March 2025

In March 2025, the Municipality of Madrid released its new urban regeneration [Plan Regenera Madrid](#), focusing on sustainability, resilience and social equity. The strategy aligns closely with aRTes objectives, and its identification of priority urban areas will support upcoming aRTes urban studies.



ARTes Executive Meeting & NESI Proximity Week Forum

In September 2025, the aRTes team executed the Executive Meeting and General Assembly of the second half of the year focused on deliverables to be presented in Milano event. During the same month, aRTes Project Coordinator, Ester Higuera, attended the NESI Forum on proximity-based urban development. Read more on: <https://nesi.es/sumate-semana-proximidad/>



Ecometro–LCBI Partnership Event at COAM Colegio | October 2025

In October 23, 2025, David Peña and Alicia Bautista from UPM attend at [COAM Colegio Oficial de Arquitectos de Madrid Ecometro Association partnership event](#) with [Low Carbon Building Initiative \(LCBI\)](#). Read the full article on: <https://t.ly/ljtaN>

Circular Urban Economies

The Circular Urban Economies Transition Pathway (CUE TP) aims to foster urban places, communities and neighbourhoods that are sustained by circular resource flows and enhance the wellbeing of their inhabitants and ecosystems.



DUT Knowledge Hub Workshop – Circular Urban Economies

On November 7, 2025, Ester Higuera and David Peña joined the kicking-off [DUT Knowledge Hub Workshop](#) of the “Converting Urban Spaces” subgroup led by RISE. It brought together researchers, city representatives and practitioners to exchange insights on integrating circular economy principles into urban systems, focusing on resource reduction, improved material cycles and low-carbon solutions.

DUT Projects Event 2025

Presentation of the aRTes Project in Milan, Italy!



Date **30 Sep - 1 Oct 2025**

Time **08.30 - 19.00 (CEST)**

Location **Milan**



At the **DUT Projects Event 2025** in Milan (September 30th – October 1st), both UPM and Ecometro represented the aRTes Consortium, contributing to discussions on urban rooftop innovation across Southern Europe. The partners presented the project's vision, early insights, and Mediterranean context, highlighting the role of active rooftops in enhancing climate resilience and urban sustainability. Their presence strengthened the project's visibility within the DUT network and fostered dialogue with other European initiatives working on regenerative and nature-based urban solutions.

Read more on: <https://dutpartnership.eu/events/dut-projects-event-2025>

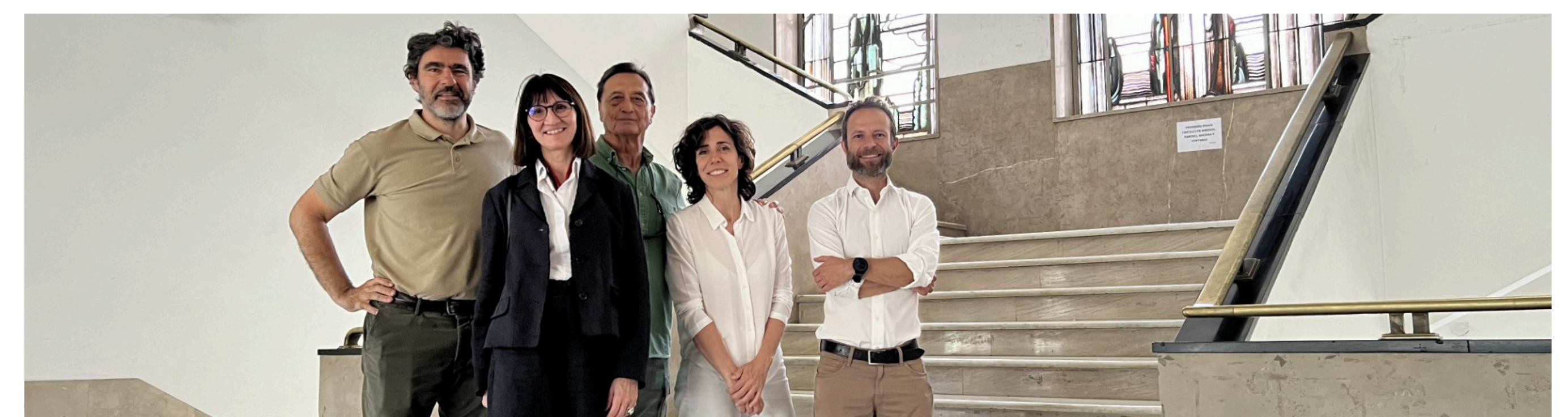
What's coming on aRTes?

Key Activities & Events

In the coming months, aRTes partners will engage in a series of activities advancing research, technical development, and stakeholder engagement across Europe. Starting in November 2025, [Ecometro](#) is preparing to sign an agreement with [UNED University](#) to collaboratively develop the project's circularity index as part of WP2, supporting new low-carbon rooftop material solutions. Also in November, [R2M Solution](#) will publish an article across its website and social media channels to raise awareness about the aRTes project's goals, vision, and ongoing activities.

Moving into December 2025, [UPM](#) will host the *aRTes Executive Meeting and General Assembly III*, focusing on reviewing annual progress and preparing the 2025 report for DUT. During the same month, the [University of Cyprus](#) will participate in two panel discussions: on December 9, 2025, at the [School of Architecture of Barcelona \(ETSAB-UPC\)](#) to discuss building retrofit regulations and case studies in Catalonia, followed by a second panel on December 10, 2025, at the [School of Architecture of the University of Granada](#), focusing on regulatory frameworks and challenges in housing renovation in Andalusia.

Looking ahead to early 2026, the aRTes consortium will continue strengthening collaboration and technical development. [UPM](#) is preparing the *Annual Transnational Progress Report*, scheduled for submission to DUT in February 2026, summarising the project's achievements and outlining upcoming milestones. In Spring 2025, [R2M Solution](#) will conduct a detailed 3D scan of the Torino pilot rooftop to document existing conditions and support the creation of a virtual model that will guide rooftop transformation scenarios. During the same period, [R2M](#) will also deliver a *Generative AI Proof of Concept*, an AI-driven chatbot designed to support practitioners with information on Italian green-roof legislation.



Universidad Politécnica de Madrid (UPM), Project Coordinator of aRTes



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