

EEDA



**EXPLORE ENERGY
DIGITAL ACADEMY**



JULY 2025

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NEWSLETTER

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FROM THE EDITOR

As we continue moving, it's inspiring to reflect on how far we've come together. This month's edition is a perfect example of how commitment, even in small doses, can create ripples of impact across borders and institutions.

We know that balancing local priorities with international collaboration isn't always easy. Many of us work in fast-paced environments with limited time to report progress or share updates.

And yet, with each edition, we see clear signs that EEDA is alive — growing steadily, adapting, and creating value for students, educators, and institutions alike.

This July, we celebrate the expansion of our academic offer with new, relevant modules now live on Learnify for the Master's in Innovation, Circular Economy, and Renewable Energy. These modules reflect the dedication of content developers who understand the urgent need for education that meets the challenges of our time — from decarbonization to innovation in local economies.

We're equally proud to highlight the successful launch of the Expert Course in Bolivia, led by UMSA, with the strong support of UMSS and UPB. This marks a significant milestone: not just the delivery of a course, but the consolidation of regional knowledge and expertise in energy transition, tailored to the realities of Latin America.

In this issue, we've also included some practical hints for using our platforms more effectively, and we continue inviting you to share photos, quotes, and short reflections from your local context. Even a sentence, a smile, or a classroom moment can help us feel more connected.

At its heart, EEDA is more than a project. It's a learning community — one that we are building together, day by day, course by course, and edition by edition. Thank you for being part of this journey, and for believing in the power of education to lead the green and digital transition we all need.

Let's keep the momentum going. Every contribution, no matter how small, moves us forward.

● **Micro Corner: Bite-Sized Insight**

What's the difference between Circular Economy and Green Economy?

While both aim to reduce environmental harm, the circular economy focuses on closing resource loops, whereas the green economy emphasizes reducing environmental risks and ecological scarcities across all sectors.

EEDA COMMUNITY EXPANDS WITH A NEW ERASMUS+ PROJECT!

By Jordi Olivella - Universitat Politècnica de Catalunya (UPC)

The EEDA community is thrilled to announce that the EU-COLMEV proposal has been successfully granted funding under the ERASMUS-EDU-2025-CBHE call for Capacity Building in Higher Education. This is a fantastic piece of news for our network, as the project will significantly expand the EEDA concept into three new countries and welcome eight new universities to our collaborative family.



Jordi Olivella, PhD.

The EU-COLMEV project, titled "**Transformative Education in Energy: Fostering Environmental and Societal Change**" is a 36-month initiative. It is led by the Universitat Politècnica de Catalunya, and coordinated by **Jordi Olivella PhD**. The project's core objective is to modernise energy education in partner universities, with a special focus on industry needs, gender equality, and social inclusiveness.

This collaborative effort brings together a dynamic consortium of eleven partners. We are delighted to welcome eight new universities from Colombia, Mexico, and Venezuela to the EEDA community.

The full list of participants is:

- Universidad de La Guajira (Colombia)
- Universidad Metropolitana (Venezuela)
- Universidad Rafael Urdaneta (Venezuela)
- Universidad Popular del César (Colombia)
- Universidad Autónoma de Chiapas (Mexico)
- Universidad Politécnica de Chiapas (Mexico)
- Universidad Tecnológica de Pereira (Colombia)
- Universidad Nacional Abierta y a Distancia - UNAD (Colombia)
- Explore Energy Sweden AB (Sweden)
- Malardalens Universitet (Sweden)
- Universitat Politècnica de Catalunya (Spain)



The project will build on the strengths of our existing EU partners' extensive experience in previous CBHE projects, assisting these new partners and expanding the EEDA approach. By fostering the co-creation of learning materials, developing remote laboratories, and implementing challenge-based learning, EU-COLMEV will not only modernise higher education but also address critical regional demands for skilled professionals in renewable energy and sustainable development.

This will be achieved with a strong emphasis on inclusivity, aiming to increase participation for women and remote populations in energy education.

This grant marks a significant step in our mission to create a global, collaborative, and transformative educational community. The EEDA network eagerly anticipates the exciting work ahead!

Exciting News: New Modules Live On Learnify For Master's In Innovation, Circular Economy, And Renewable Energy!

We're thrilled to announce the official launch of our new modules on the Learnify platform! Dive deep into cutting-edge topics essential for the Master's in Innovation, Circular Economy, and Renewable Energy.

Explore comprehensive content on:

Energy Efficiency in Buildings & Innovation, uncover the latest strategies and technological advancements for creating energy-efficient and intelligent buildings.

Innovation for inclusive and sustainable development, describes a transformative approach that leverages creativity, new ideas, technologies, and processes not just for economic growth, but specifically to address societal inequalities and environmental challenges.

Business Model Innovation: Discover how to forge resilient and sustainable business models, essential for thriving in the circular economy.

Design Thinking: Master this human-centered approach to problem-solving, applying it to complex challenges in environmental and social innovation.

Access these interactive modules on Learnify today to enhance your expertise and contribute to a more sustainable world. We believe these resources will be instrumental in your journey to becoming a leader in innovation for a sustainable future.

You will find the 19 modules on this topic under SA091-T22.



Jenny Mérida López - UMSS-Bolivia

EEDA OPENEDX HINT

**EVER WONDERED IF YOU
COULD "HIDE" A COURSE
FROM THE COURSE
CATALOGUE WHEN YOU
ARE DEVELOPING IT?**

There's an easy setting for that!

When you are logged in to Studio.

- Go to "Advanced Settings".
- Scroll down to "Course visibility in Catalog".
- Change the setting from "both" to "none".

When you are ready to publish and launch your course, remember to change the setting back to "both".

Bolivia Launches First Expert Course on Biomass – A Triple University Collaboration!



Luis López, PhD. from UMSA

We are thrilled to announce the official launch of the Expert Course on **Biomass Conversion into High-Value Products via Thermochemical Processes**, a flagship achievement led by the Universidad Mayor de San Andrés (UMSA), through the valuable collaboration of Universidad Mayor de San Simón (UMSS) and Universidad Privada Boliviana (UPB).

The course combines academic excellence with technical expertise to deliver a unique learning experience focused on sustainable energy solutions. It is designed for both academic and professional learners, providing knowledge of cutting-edge thermochemical technologies that transform biomass into energy, fuels, and sustainable products. Launched on July 21, 2025, the course brought together 52 online and 40 in-person participants, creating a dynamic exchange of ideas and experiences.

The initiative reflects our shared commitment to:

- 🌱 Advancing energy transition in the region
- 🔬 Promoting interdisciplinary and applied research
- 🎓 Strengthening academic capacity in emerging fields



With content available on Learnify, this course combines theoretical modules with realworld applications, setting a precedent for future expert courses in the EEDA ecosystem.

🔗 **"This is not just a course; it's a catalyst for change in how we educate and act on energy transition in Latin America."** – EEDA Team

We celebrate this milestone as a clear example of regional cooperation, academic innovation, and impact-driven learning.

EU-AGM PROJECT TRANSFORMS THE FUTURE

By Cristina Efremov - EU-AGM Project



Partners from EU-AGM Project during the 1st. EEDA Meeting in Sweden (June 2025)

We are proud to announce a remarkable success that reconfirms the position of the Technical University of Moldova as an innovative leader in higher education!

The EU-AGM project – Joint Societal Challenge-driven Circular Economy Energy Education between Azerbaijan, Georgia, Greece, the Republic of Moldova and Romania has obtained funding within the prestigious ERASMUS+

Capacity Building in Higher Education (CBHE) competition, call 2024.

This victory underlines both the academic excellence of UTM and our unwavering commitment to innovation, international collaboration and continuous improvement of education.

According to the results published by the Executive Agency for Education and Culture of the European Commission (EACEA), UTM is the only institution in the Republic of Moldova selected to coordinate a CBHE project. This historic achievement is a testament to the professionalism and dedication of our team, led by Ms. Dr. Eng., Assoc. Prof. Cristina EFREMOV, coordinator of the EU-AGM project.



The project focuses on a vitally important topic: integrating the circular economy into energy education from a shared societal perspective, addressing the global challenges of the future.

EU-AGM represents, in fact, a new global vision for digital education and an initiative with huge transformative potential. Its aim is to revolutionize student-centered education by placing it in a digital and online learning environment. This step forward will take the impact of Erasmus+ CBHE projects to a higher level, opening up new horizons for accessibility and flexibility in education.

EU-AGM is not just a project, but a vision. It is UTM's commitment to train specialists capable of facing the energy challenges of the 21st century, contributing to a greener and more sustainable future.