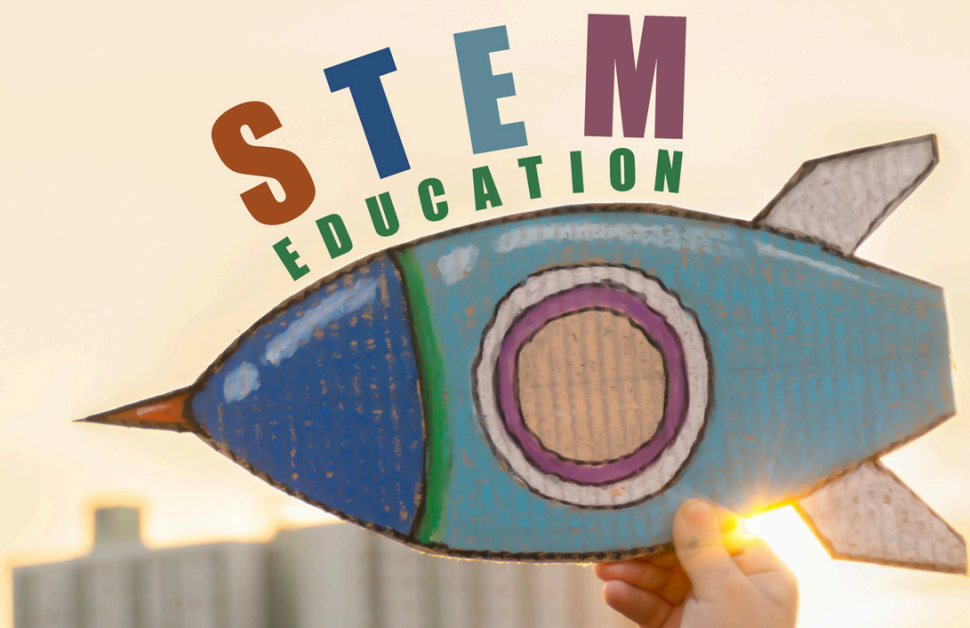


JULY 2025

4TH NEWSLETTER



IN THIS NEWSLETTER: >>>

Discover the **final highlights of the Circular STEM project!** We present the **Circular STEM Academy platform**, the outcomes of the **final Transnational Project Meeting in Spain**, **key insights from the International Policy Uptake Conference** held in Italy, and an overview of our **Policy Recommendation Paper**—a roadmap to embed sustainability in STEM education across Europe.

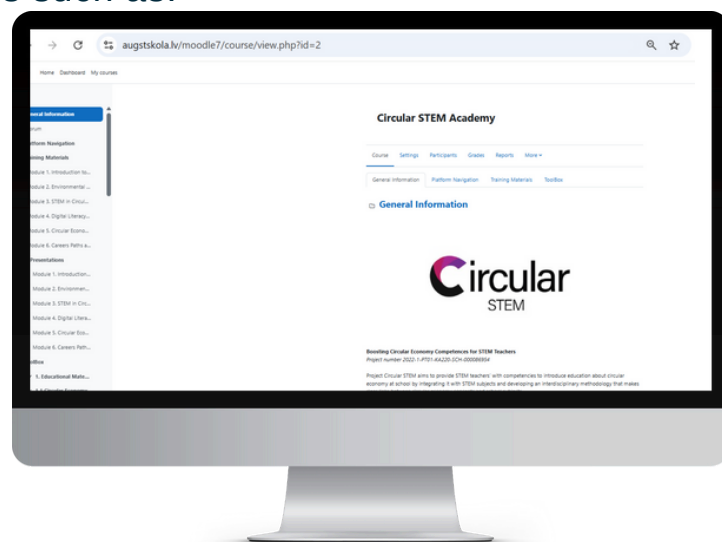
<https://www.augstskola.lv/moodle7/login/index.php>

THE CIRCULAR STEM
ACADEMY IS ONLINE!

One of the main result of the project is the **Circular STEM Academy**, a free and open-access digital learning platform designed to support secondary school teachers in bringing Circular Economy (CE) education into their STEM classrooms.

Built on a flexible Moodle infrastructure, the **Academy offers a comprehensive six-module training programme that blends theory and practice, encourages interdisciplinary teaching, and is grounded in the European competence frameworks GreenComp, DigComp, and EntreComp.** Each module includes dynamic resources—lesson plans, multimedia content, interactive exercises, and classroom-ready activities—covering topics such as:

- the foundations of circular economy and sustainability,
- the role of digital tools in managing circular systems,
- real-world challenges and project-based learning strategies,
- and future green career paths for students.



In addition to the **core modules, the Circular STEM Toolbox provides over 80 curated teaching materials and activities:** from eco-design projects and games to policy simulations and classroom experiments. **These tools are designed to be adaptable, inclusive, and engaging for diverse student groups across Europe.**

The platform was tested by educators and fine-tuned based on their feedback. Teachers praised its clarity, relevance, and ease of use—especially its ability to turn complex sustainability topics into accessible, interactive, and motivating content for students. Special attention was also given to inclusion and equity, with features supporting differentiated learning, digital accessibility, and strategies to increase girls' participation in STEM.

The Academy is not just a repository of content—it is a living resource, designed to grow with future needs. As education systems move toward greener and more digital pathways, the Circular STEM Academy stands ready to serve as a reference point for schools, policymakers, and training providers who wish to integrate CE into mainstream STEM education.



POLICY RECOMMENDATION PAPER: A VISION FOR THE FUTURE OF STEM EDUCATION



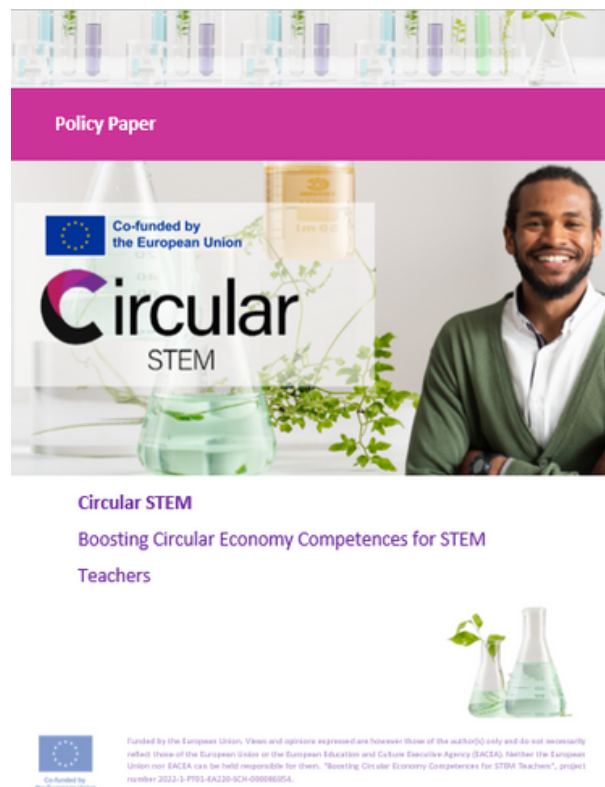
One of the main outputs of the project is the **Policy Recommendation Paper**, a strategic document offering a concrete roadmap for integrating Circular Economy (CE) principles into secondary-level STEM education across Europe. Officially presented during the International Policy Uptake Conference in Italy, the paper consolidates findings from pilot activities, teacher feedback, and insights from partner institutions into a set of evidence-based policy recommendations for policymakers, schools, and educational stakeholders.

Key areas addressed include:

- **Curriculum reform**, promoting interdisciplinary, real-world learning aligned with systems thinking;
- **Continuous Professional Development (CPD) for teachers**, through flexible, modular training aligned with GreenComp, DigComp, and EntreComp;
- **Digital innovation and inclusion**, with an emphasis on accessibility, gender equity, and engaging underserved student groups;
- **Stronger collaboration between education and industry**, to better connect classrooms with the needs and opportunities of a circular economy.

More than a technical guide, the paper is a call to action: if we want to equip future generations to face environmental and digital challenges, we must start by rethinking how we educate today.

Read the full document here: <https://circularstem.eu/sample-page/>



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INTERNATIONAL POLICY UPTAKE CONFERENCE



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POLICY RECOMMENDATION

PROMOTING CIRCULAR
ECONOMY SKILLS IN
STEM EDUCATION



As part of WP4 - Activity A4, the **International Policy Uptake Conference** was organized by Dlearn in Italy, spanning across three municipalities: Milan, Vignate, and Pioltello. The event brought together teachers, education professionals, policy-makers, and

institutional stakeholders to foster dialogue between practice and policy. The central focus of the conference was the **presentation of the Policy Recommendation Paper**, the key document developed within the Circular STEM project. It outlines **strategic guidelines and actionable proposals to integrate circular economy education into STEM curricula**, supporting the green and digital transition in European schools.

Participants also had the opportunity to explore project results, exchange good practices, and initiate cross-sectoral collaboration. The strong participation and feedback received confirmed the relevance of the Circular STEM initiative at the European level and the importance of continuing its legacy beyond the project's end.



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TPM FINAL MEETING IN BILBAO: CLOSING AND FUTURE OUTLOOK



On 1 and 2 July 2025, the Circular STEM consortium gathered for the **final Transnational Project Meeting** in Bilbao, Spain, hosted by Politeknika Txorierri. This milestone meeting marked the conclusion of two years of intense cooperation, innovation, and shared commitment to promoting circular economy competences in STEM education.

Throughout the two working days, partners:

-  Finalised the Circular STEM Academy (Work Package 3) and the EU Policy Recommendation Paper (Work Package 4);
-  Reviewed and completed key project deliverables, including quality and dissemination reports;
-  Collected comprehensive evidence of impact and best practices from local and international activities;
-  Reflected on lessons learned and planned for the sustainability and future uptake of the project outcomes.

Beyond the technical sessions, the meeting was a powerful moment of shared reflection, where partners celebrated not only the results, but also the human and professional bonds that made Circular STEM a truly collaborative success.



THE LEGACY OF CIRCULAR STEM



Although the project will formally end in July 2025, **Circular STEM leaves behind a lasting legacy. The results developed** – from the Circular STEM Academy platform to the Policy Recommendation Paper and innovative teaching methodologies – **will remain available to schools, teachers and stakeholders across Europe.**

The interdisciplinary approach promoted by the project, which integrates circular economy, digital skills and entrepreneurship into STEM subjects, is a model that can be replicated and adapted beyond the European context.

Circular STEM is not just a project, but the beginning of an educational movement focused on sustainability, innovation and inclusion.

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