



<https://circutex.eu/>

NEWSLETTER

Nº 5 / February 2024

Newsletter 5

The Project has come to an end

After intense months of collaboration and mutual learning, the CircuTex project has come to an end, leaving in its wake a wealth of enriching experiences and close and successful collaboration between European educational institutions. This exciting project has not only been an educational experience, but also an opportunity to build bridges between cultures and establish future cooperation and joint projects. To all those who have participated, thank you for your collaboration in this unforgettable journey!



Final meeting

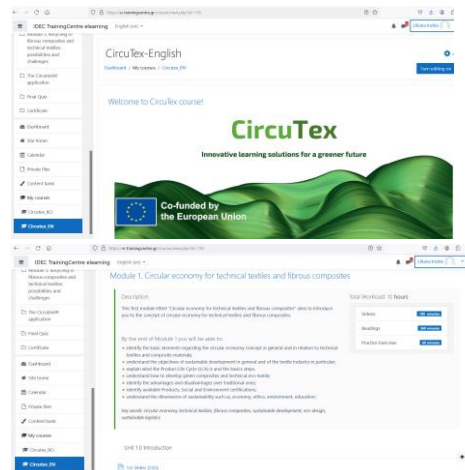


On 01 and 02 February 2024 the final meeting of the CircuTex project took place at the premises of the partner IDEC in Piraeus. This event brought together all the project partners to review all the activities and results of the project and to finalise the tasks in progress.

The Results of CircuTex project

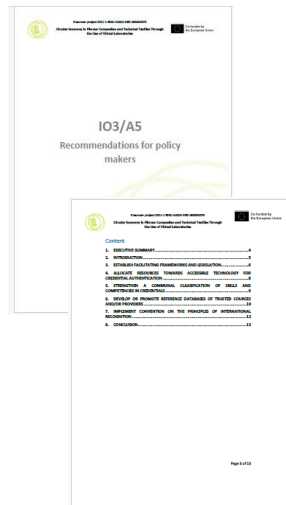
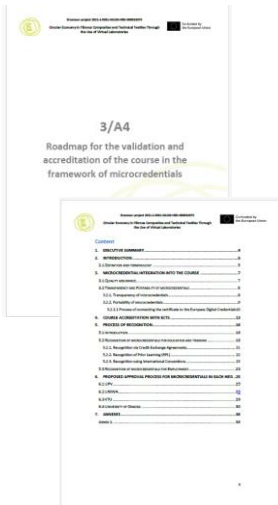
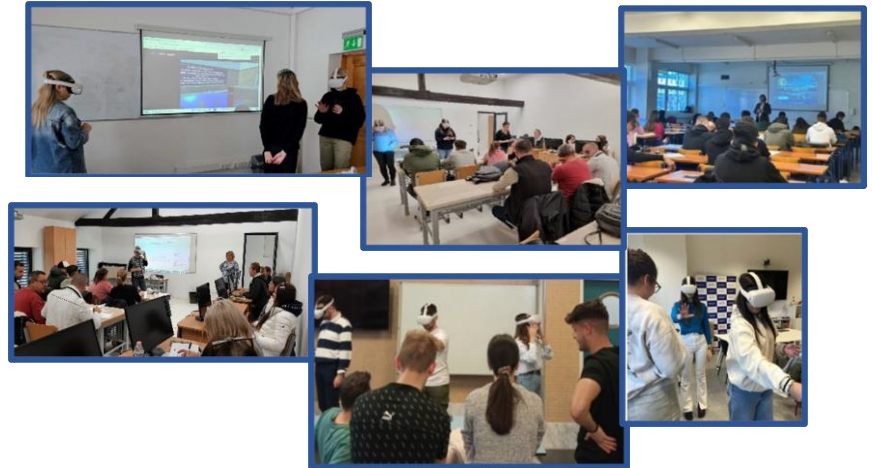


IO1- The course E-learning course on Circular Economy of fibrous composites and technical textiles is available in English, Spanish, Romanian, Greek and Lithuanian on the project's e-platform. During the months of November and December the pilot testing of the online course "Circular Economy of Fibrous Composites and Technical Textiles" was carried out in the project partner universities (UNIWA, KTU, ORADEA and UPV). A total of 219 students have enrolled on the project platform.



O2. **Virtual laboratory for the implementation of virtual experiments** was also built and 11 VR experiments have been posted on the e-platform. During the months of November and December during the workshops organized by the partner universities, the students have been able to access the online virtual laboratory through the virtual reality glasses. On this occasion, students from the partner universities had the opportunity to use virtual reality glasses to carry out experiments in an interactive environment designed to capture their full attention.

With the help of VR glasses, the students were immersed in a virtual world where they could carry out experiments related to the circular economy, for fibrous composites and technical textiles.



Regarding the O3. **Roadmap to microcredentials** a EU Standard of constituent elements of micro-credentials has been developed along with the policy recommendations for the introduction of micro-credentials in partner universities and the methodology for applying ECTS points to the online course.

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Dissemination

Scientific research articles have been **published** in journals and **presented** at various conferences:

-Journal of Applied Researches in Technics, Technologies and Education, Industria Textile Journal.

-International Conference on Technics, Technologies and Education ICTTE 2023 Yambol, Bulgaria, November 2-3, 2023.

-The 30th International Baltic Conference "Materials Engineering and Modern Manufacturing 2023", 19.10.2023.

- X Congreso I+D+i Campus de Alcoi Creando Sinergias, July 13-14, 2023.



International Conference on Technics, Technologies and Education ICTTE 2023 Yambol, Bulgaria, November 2-3,



BACStud 2023, 9th Edition organized by University of Oradea at Felix Spa, Romania in 12-14.10.2023

The **results** of CIRCUTEX project have been **presented** at: European Researcher's Night, organized by the University of Oradea, Romania on 29.09.2023; "CAGE" workshop (common activity of Saint Mary of the Woods College (USA) and University of West Attica in the framework of a Greek and American Gender Equality Program), which took place at UNIWA during 23-25.10.23; International Symposium Brainstorming in Agora Students' Scientific Circle", BACStud 2023, 9th Edition organized by University of Oradea at Felix Spa, Romania in 12-14.10.2023; during the Erasmus Days organized by UPV in 16.10.2023; The 30th International Baltic Conference "Materials Engineering and Modern Manufacturing 2023", Kaunas, Lithuania, 19-20.10.2023.

Multiplier events

The **Multiplier events** for the dissemination of the project results have been organized in January and February by the partner institutions. The conferences were attended by representatives of the Chamber of Industry and Commerce, representatives of textiles companies, from VET, universities and research centers.

Conference participants could learn details about the sustainability and circular economy processes in the field of fibrous composites and technical textile and about the intellectual outputs of the project: the e-learning course on circular economy of fibrous composites and technical textiles, about the virtual laboratory where students conducted virtual experiments related to the circular

economy of fibrous composites and technical textiles, about the roadmap and recommendations, for the appointment of ECTS points to the course and the adoption of micro-credentials. The students shared their impressions following the participation to the e-learning course and the use of the virtual reality glasses.

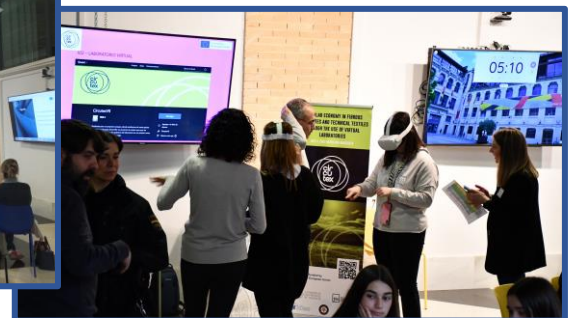


Multiplier event held by ORADEA, 11 January



Multiplier event held by KTU, 12 January

Multiplier event held by UPV, 6 February





Newsletter #5

The Project Partnership

P1	UNIVERSITAT POLITÈCNICA DE VALÈNCIA http://www.upv.es/en	 UNIVERSITAT POLITÈCNICA DE VALÈNCIA
P2	AINTEK SYMBOULOI EPICHEIRISEON EFARMOGES YPSILIS TECHNOLOGIAS EKPAIDFSI ANONYMI ETAIREIA IDEC – GREECE https://idec.gr/	
P3	PANEPISTIMIO DYTIKIS ATTIKIS UNIWA - GREECE https://www.uniwa.gr/en/	
P4	KAUNO TECHNOLOGIJOS UNIVERSITETAS KTU - LITHUANIA https://en.ktu.edu/	
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