

DERHE Project Newsletter



<https://derhe.si>

June, 2026



Students Tackle Real Industry Challenges Through DERHE Project

As part of the DERHE project, students from partner universities in the Western Balkans will have the opportunity to work on real-world challenges proposed by companies through the project's Information Portal.

Supported by chambers of commerce and academic mentors, students will apply their knowledge and skills to address practical industry problems, contributing to innovation and business improvement.

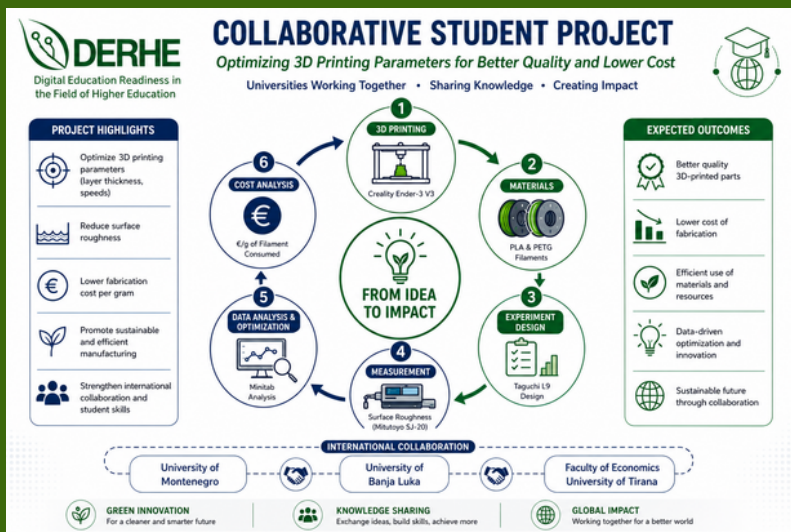
Top News

International student teams apply digital and analytical skills to optimize industrial processes and support innovation.

Strengthening digital skills and innovation in higher education

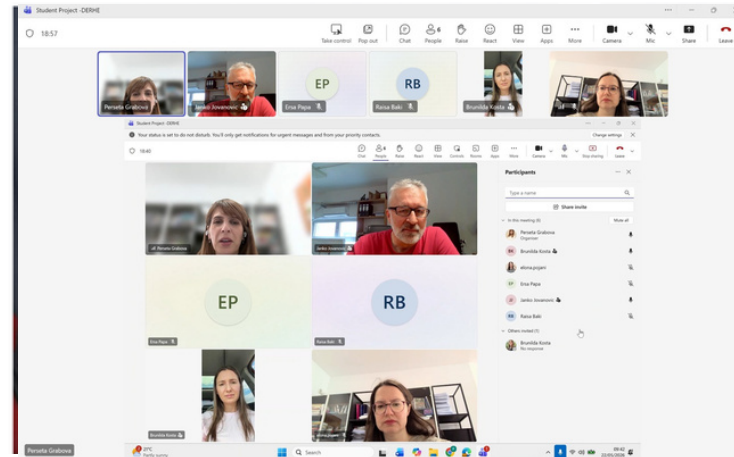


Co-funded by
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Event Highlight

Students and companies work together to develop solutions for real-world industrial needs.



From Classroom to Industry: Students Solve Real Business Challenges

One of the first student projects implemented under the DERHE project focuses on the optimization of process parameters in FFF 3D printing technology to reduce the surface roughness of 3D-printed parts. The project brings together students and academic staff from Albania, Bosnia and Herzegovina, and Montenegro, promoting international cooperation and interdisciplinary problem-solving.

The project promotes stronger collaboration between academia and industry, enabling students and academic staff to work closely with companies in addressing real business challenges and developing innovative solutions.

1. EQUIPMENT FOR FABRICATION OF SPECIMENS: 3D printer Creality Ender-3 V3



2. MATERIAL FOR FABRICATION OF SPECIMEN: PLA and PETG filament

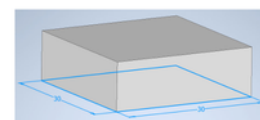
Supplier: <https://www.3dsoba.me/product-category/filamenti/>

Price of PLA filament: 35 €/kg

Price of PETG filament: 40 €/kg

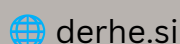
Density of PLA (ISO 1183) [g/cm ³]:	1,24
Density of PETG (ISO 1183) [g/cm ³]:	1,27

3. RECTANGULAR SPECIMEN WxDxH=30x30x10 mm



Mass of specimen made of PLA [g]:	11,16
Mass of specimen made of PETG [g]:	11,43

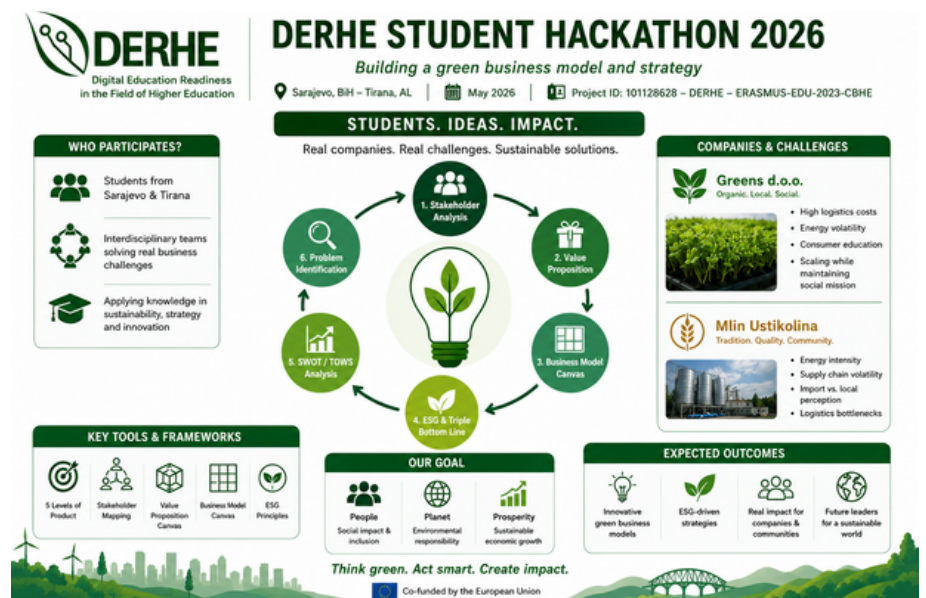
Stay Connected: For continuous updates and to be part of the DERHE narrative:



LinkedIn: DERHE

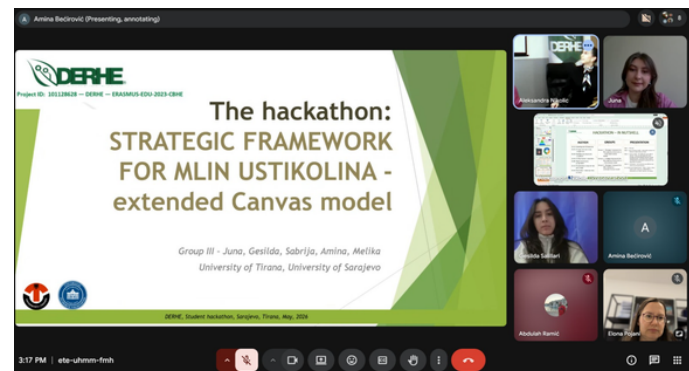
Event Highlights

- International collaboration between Sarajevo and Tirana students fostered innovation, teamwork, and practical problem-solving skills.
- The hackathon highlighted the role of young innovators in driving sustainable business development and green transformation in the region



DERHE Student Hackathon 2026: Innovating for a Sustainable Future

Students from Sarajevo and Tirana came together for the DERHE Student Hackathon 2026, where they developed innovative green business strategies for two Bosnian companies: Greens d.o.o. and Mlin Ustikolina. Working with real-world business challenges, participants applied ESG principles, stakeholder analysis, and business model innovation to create sustainable solutions that balance economic growth, environmental responsibility, and social impact. The event highlighted the creativity and problem-solving skills of young innovators while promoting sustainable entrepreneurship and responsible business practices across the region.



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DERHE Learning Management System for Students and Companies updates

Event Highlights

The Western Balkans platform connects students, universities, and companies through digital learning, knowledge exchange, and industry collaboration.



Collapse all

▼ Digitalization

- 🔒 [Digitalizacija poslovnih firmi](#) [i](#)
- 🔒 [AI & Cybersecurity in the banking/financial systems](#) [i](#)
- 🔒 [CyberSecurity: How Hackers Actually Hack You](#) [i](#)
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- 🔒 [Introduction to Artificial Intelligence](#) [i](#)

Joint Diploma Development

Within the DERHE – Digital Education Readiness in the Field of Higher Education project, more than 10 Bachelor's and Master's theses are currently being developed in cooperation with industry partners and EU university co-mentors. These projects provide students with opportunities to address real-world challenges, gain practical experience, and benefit from international academic expertise while strengthening collaboration between higher education institutions and industry.

By working on industry-relevant topics under joint supervision, students enhance their professional and research skills, contributing to the modernization of higher education and improving their readiness for the evolving labor market.

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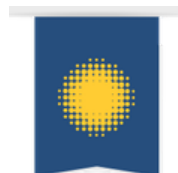
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Digital Education Readiness in the Field of Higher Education (DERHE)

Partners



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