DERHE Project Newsletter

UPT Special Edition #2
November 2026



Workshop with Maccaferri Group at UPT, 5 May 2025.

Opening Up: DERHE Reaches Students, Companies and the Curriculum in 2025

In 2025, UPT took DERHE out of the project room. Students heard about it at an Info Day, visitors met it at the Work & Study fair, and engineers and managers saw it at an Autodesk technology event.

Maccaferri Group then brought lean production into the classroom. By December, Industry 5.0 topics had entered four course offerings at FIM.

This edition covers that shift from visibility to teaching.

UPT in Figures

3 **Outreach events**
Info Day, fair and technology event

1 **Industry workshop**
Lean production with Maccaferri Group

2 **New topics**
Industry 5.0 added to teaching

4 **Course offerings**
Updated across FIM programmes

2 **Study levels**
Bachelor and Master

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DERHE in Public

Three events, three audiences, one project.

27 FEBRUARY 2025 | WP4, T4.4

Info Day with Students

Bachelor and Master students of Economic Engineering and Mechanical Engineering joined project members at FIM. Academic staff explained the project and how it is being implemented at UPT.



Info Day at the Faculty of Mechanical Engineering.



Work & Study 2025, Congress Palace, Tirana.



UPT stand with the DERHE roll-up.

27 TO 28 FEBRUARY 2025

Work & Study 2025

At the Congress Palace, students met companies and explored jobs and internships. UPT staff presented DERHE and its activities.

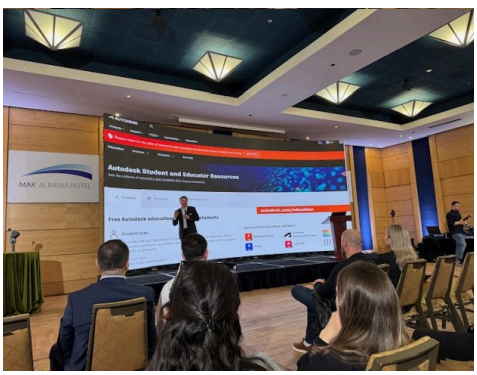


DERHE presented at the Autodesk event in Tirana.

23 APRIL 2025

Digital Transformation with Autodesk

This Tirana event discussed present and future digital technologies, with industry, engineers and managers in the room alongside students from FIM.
Project members used the occasion to present DERHE and its work at UPT.



Technology session at the Autodesk event.



DERHE at the Info Day, FIM.



DERHE materials at the fair.



Industry and Curriculum

A company in the classroom and new topics in the syllabus.

5 MAY 2025

Lean Production with Maccaferri Group

Maccaferri Group representatives presented the principles of lean production at UPT: efficiency, waste reduction and continuous process optimisation in manufacturing.

Students then discussed real cases in production management and process optimisation, and how engineering and economic disciplines work together in industrial organisations.



Maccaferri representatives with UPT students and staff.

ACADEMIC YEAR 2025 TO 2026

Industry 5.0 Enters the Syllabus

Assoc. Prof. Irida Markja added two DERHE topics to FIM teaching at Bachelor and Master level.

Topic added	Course	Study programme
Advanced manufacturing in Industry 5.0: key technologies in technological surface manufacturing	Surface Treatments and Coatings	MSc Materials Engineering (6 ECTS)
		MSc Mechanical Engineering, Production and Management profile (4 ECTS)
Principles of Industry 5.0 and its impact on materials engineering: from Industry 4.0 to Industry 5.0	Materials Science and Engineering	Bachelor Materials Engineering (6 ECTS)
	Materials Science	Bachelor Economic Engineering (6 ECTS)



Students follow the Maccaferri presentation.



The workshop in session at UPT.



The workshop room with Maccaferri and DERHE roll-ups.

What Comes Next

The curriculum changes reached students in 2025 to 2026. The final edition shows the results in 2026: an innovation workshop for Master students, work with a food powder blends company, and a jointly supervised thesis.

Project information
derhe.si

Courses and materials
moodle.derhe.si

DERHE at FIM, UPT
fim.edu.al

Follow the project
LinkedIn: DERHE

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