



ABOUT THE PROJECT

The DEEPBIOTECH Project is an interdisciplinary initiative designed to advance *innovation* at the intersection of biotechnology, data science, and deep technologies. By combining cutting-edge research with real-world applications, the project aims to accelerate the development of scalable, sustainable, and impactful biotech solutions.

DEEPBIOTECH brings together researchers, industry experts, and technology developers to explore new methodologies, foster collaboration, and translate scientific breakthroughs into practical outcomes. Through a strong emphasis on knowledge exchange, experimentation, and capacity building, the project seeks to strengthen the European biotech ecosystem and support the next generation of deep-tech innovations with long-term societal and economic value.

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DEEP TECH HACKATHONS CONTINUE IN GREECE

26 students. 5 days. Unlimited innovation.

What happens when bright scientific minds are challenged to solve real-world healthcare problems? At the **DEEPBIOTECH Hackathon**, organised by **Smart Agro Hub** in Larissa, Greece, 26 students spent five intensive days transforming bold ideas into innovative deep-tech solutions with the potential to make a real impact.



From the very first challenge briefing, participants formed multidisciplinary teams and immersed themselves in a fast-paced environment where scientific expertise met entrepreneurial thinking. With the support of experienced mentors, they refined their concepts, tested new approaches, and developed solutions addressing pressing challenges in healthcare and the life sciences.

The hackathon concluded with the presentation of the teams' solutions before a jury, providing students with the opportunity to receive constructive feedback on the feasibility, innovation, and potential impact of their proposals. Beyond the technical aspect, the activity encouraged collaboration across disciplines, strengthened participants' problem-solving, communication, and presentation skills, and offered valuable insight into the process of transforming research ideas into solutions with societal and commercial potential. The event concluded with the awarding of certificates to all participants in recognition of their active participation and successful completion of the hackathon.



NEW TOOLKIT FOR UNIVERSITY LECTURERS & ADMINISTRATORS

DEEPBIOTECH has launched the *Transformational Toolkit for University Lecturers and Administrators*. University lecturers and administrators will develop the skills needed to drive **entrepreneurial and digital transformation** within their institutions. The toolkit addresses the structural and cultural shift required for life science universities to become genuine hubs of deep tech entrepreneurship.

>>> TOOLKIT CONTENT

The toolkit is built around six core Competence Units, each grounded in an established European framework:

- Digital teaching (DigCompEdu)
- Entrepreneurial and inspirational teaching (EntreComp)
- Skill forecasting and micro-credential system design
- University strategy for entrepreneurial engagement (ACEEU model)
- Institutional transformation (HEINNOVATE tool)
- University analytics for regional engagement (RIIA framework)

Each course is delivered through booklets, presentations and videos. Successful completion of the assessment quizzes grants learners a micro-credential for each competence unit.

MICRO-CREDENTIALS AVAILABLE!

This micro-credential certification framework allows **university lecturers and administrators** to earn a recognised digital certificate for each Competence Unit they complete. Each micro-credential is awarded with 2 ECTS following a dedicated assessment, and all six are stackable into a full institutional transformation credential.

Access the courses on [DEEPBIOTECH Learning Platform](#).

PARTNERS MEET IN IZMIR

The DEEPBIOTECH consortium came together for its 2nd Transnational Project Meeting, hosted in Izmir, Türkiye by YASAR University. Partners from University of Lodz, Poznan University of Life Sciences, HELIX Connect, ACEEU, Deep Tech Balkans, and Smart Agro Hub joined the meeting and took an active part in the discussions, reflecting the strong commitment that has carried the project through its work packages so far.

The meeting offered a chance to review progress across all work packages, align on shared next steps, and strengthen the working relationships that underpin the consortium's collaboration.

➤➤➤ LOOKING AHEAD

With DEEPBIOTECH now moving into its final stage, the Izmir meeting placed particular focus on the activities that will close out the project. Partners discussed plans for the upcoming trainings and certification events. The final awarding ceremonies, where students, lecturers and administrators who complete the micro-credential courses will receive their micro-credentials and recognition for their participation, are planned for early 2027.



PROJECT PARTNERS



FACULTY OF BIOLOGY AND
ENVIRONMENTAL PROTECTION
University of Lodz



FACULTY OF
MANAGEMENT
University of Lodz



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