PREVENT

Prevention of natural disasters using deep technology for advanced HEI curricula

PREVENT aims to harness the potential of deep tech systems for environmental applications. The project also seeks to introduce new modules and enhance existing ones in engineering undergraduate programs in higher education (HE). These modules focus on technologies related to the prevention of natural disasters and the utilization of sensor networks for real-time data collection. This data is then processed by centrally implemented artificial intelligence algorithms to optimize conditions and/or prevent or rectify disasters.

Project Updates

Hackathons

Final TPM, Halmstad Sweden

Final Events in Cyprus, Greece, Sweden, Romania

Co-funded by the European Union

Project Final TPM

Halmstad, Sweden

The PREVENT consortium successfully held its Final Transnational Project Meeting in Halmstad, Sweden, bringing together project partners both onsite and online to formally conclude the collaborative work of the project.During the meeting, partners reviewed the final project outputs, assessed the overall impact of the PREVENT project, and discussed strategies for ensuring the sustainability and long-term use of the project results beyond its official duration. The meeting also provided a valuable opportunity to reflect on key achievements and to further strengthen the strong collaborative spirit that has underpinned the partnership throughout the project's implementation.We would like to extend our sincere appreciation to all project partners for their dedication, expertise, and continued commitment throughout the PREVENT project.

Project Final Event

The PREVENT Final Dissemination Event at the University of Western Macedonia was successfully held in Kozani, Greece, on 12 December 2025, bringing together academics, students, researchers, and key stakeholders. The event highlighted the role of deep technology in strengthening climate resilience within Higher Education, with a strong focus on practical competencies, digital solutions, and innovative educational resources aimed at preventing and mitigating the impacts of natural disasters. Participants engaged in insightful discussions on how emerging technologies can be effectively integrated into educational frameworks to address climate-related challenges.

Similar Final Dissemination Events were also successfully organised in Cyprus, Sweden, and Romania, ensuring broad outreach and engagement across partner countries. Across all events, the PREVENT consortium presented the project's core results, including the Pedagogical Guide on Deep Technology, the PREVENT Training Module, and the Virtual Learning Lab. These sessions fostered meaningful knowledge exchange, dialogue, and networking, while supporting future collaboration and the long-term uptake of the PREVENT project outcomes.

Project Updates

Hackathons

As part of the PREVENT project's final implementation and dissemination phase, all partner countries developed a national Business Model Canvas to examine the sustainability, scalability, and practical deployment of the project's results. Each canvas was tailored to the specific national context, identifying key stakeholders, value propositions, resources, activities, and potential funding or revenue models relevant to climate resilience and disaster prevention.

This process encouraged strategic reflection and cross-country exchange, allowing partners to explore how PREVENT's deep technology solutions could be effectively integrated into existing institutional, educational, and policy frameworks. The development of the Business Model Canvases represents an important step towards ensuring the long-term impact, transferability, and continued use of PREVENT project outcomes beyond the project's lifetime.

Looking Ahead

As the PREVENT project continues through its final activities, events, workshops, and exhibitions, we would like to sincerely thank all project partners for their commitment, collaboration, and valuable contributions. Your ongoing support has been instrumental in shaping the project's impact and outreach. We look forward to sharing the continued uptake, use, and future developments of the PREVENT outcomes, and we invite you to stay connected for further updates and insights in the coming period.

**Warm regards, The
PREVENT Team**

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A big Thank you to all our Partners

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