

International Teacher Training Held in Greece as Part of the Erasmus+ Project “Go Green for a Sustainable World”

From 18 to 21 May 2026, an international Train-the-Teacher Workshop was successfully held in Ioannina and the Zagori region of Greece within the Erasmus+ project “**Go Green for a Sustainable World.**” The activity brought together representatives of partner organisations with the aim of strengthening teachers’ competences in the fields of climate change, sustainability, STEM education, artificial intelligence, and the use of innovative digital technologies in teaching.

The programme began with expert lectures on the causes and consequences of climate change and their impact on biodiversity, providing participants with a strong scientific foundation for further work on sustainability and environmental protection topics.

The second day focused on experiential learning through citizen science activities in the natural environment of the Zagori region. Participants used artificial intelligence-based tools for plant and animal species recognition and attended workshops on data processing, machine learning, and data literacy, exploring the potential of modern technologies in environmental education.

The third day was dedicated to innovative digital tools for education. Participants were introduced to augmented and virtual reality (AR/VR), educational robotics, Internet of Things (IoT) technologies, and Python programming. Through practical workshops, they developed simple systems for data collection and visualisation while exploring the educational applications of sensors and digital platforms in school environments.

The final day focused on the pedagogical integration of the knowledge and skills acquired during the training. Partners collaboratively designed educational activities and discussed opportunities and challenges related to the integration of artificial intelligence, STEM approaches, and emerging technologies into teaching. The workshop concluded with the presentation of developed learning activities, course evaluation, and planning of future project actions.

Through participation in this training activity, teachers enhanced their professional, digital, and pedagogical competences, while gaining valuable knowledge and practical tools for teaching topics related to climate change, sustainability, and green skills. The knowledge, experience, and resources acquired during the workshop will serve as a solid foundation for future project activities and the development of innovative educational materials for both teachers and students.

The training enhanced participants' knowledge of climate change, biodiversity and sustainability while strengthening their competencies in STEM education, artificial intelligence, citizen science and digital technologies. Participants acquired practical skills in data collection and analysis, AI-supported species recognition, Python programming and IoT applications, and developed innovative learning activities that integrate sustainability, emerging technologies and active learning approaches into educational practice.