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Educational Innovation within the Erasmus Project type HED Cooperation Partnership “Gender, Digitalisation, Green: Ensuring a Sustainable Future for All in Europe”, Acronym: GEEA.

During the GEEA project, an innovative digital educational system was developed and implemented that integrates digital learning methodologies for education in the European Green Deal. The e-learning platform developed combines project-based learning, advanced gamification mechanisms, an intelligent educational chatbot interface, and two e-seminars. It has been designed to facilitate access to structured knowledge and real-time cognitive support. The gamification component was developed and validated with support from experts at the University of Uzhhorod. The platform’s interactive elements will be further tested in international pilot sessions conducted in Spain, Portugal, Romania, and Ukraine. A minimum of ten students selected from each country and partner university within the consortium will participate in these sessions. Preliminary results obtained following the pilot testing conducted with students from the UAB Spain, with the participation of academic staff from all five partner universities, indicated a high level of engagement and a clear student preference for collaborative approaches. The students have opted to complete educational activities through team-based projects on topics proposed by the project management team. This outcome confirms the effectiveness of the project-based learning methodology in an interdisciplinary and intercultural context. Based on feedback from the initial learning–teaching–training pilot session, it was observed that the integration of environmental data and the digital tools developed for knowledge and learning enabled the consolidation of knowledge experience grounded in real-world scenarios, with direct relevance for climate impact assessment and the understanding of European environmental policies.

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