

OREO: Advancing Ethical AI Use in Higher Education through Pedagogical Innovation and Community Empowerment

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Abstract

As generative AI reshapes the educational landscape, the OREO project — “To chatbOt in highER Education or not to chatbOt?” — responds to the urgent need for higher education institutions to adapt ethically, pedagogically, and structurally. Funded by Erasmus+ and coordinated by the National and Kapodistrian University of Athens, OREO brings together a transnational consortium from Greece, Estonia, Germany, and Spain, blending expertise in law, pedagogy, ICT, and digital ethics.

OREO explores the educational potential and limitations of AI tools such as ChatGPT, with a firm commitment to academic integrity, inclusive practice, and institutional readiness. The project has developed a structured training curriculum anchored in active learning, including four core teaching units, a physical board game with digital extensions, and an online learning platform integrating collaborative annotation and e-portfolio tools. These outputs are aligned with the Digital Education Action Plan and the DigCompEdu framework, ensuring European relevance and transferability.

Rather than viewing AI solely as a threat to academic standards, OREO promotes informed, critical engagement. Its pedagogical innovations foster digital literacy, ethical reflection, and cross-sectoral dialogue. The project’s whole-institution approach is supported by extensive piloting with students, faculty, and administrators across partner countries, creating a living community of practice that will extend beyond the project's lifecycle.

This poster presents key milestones, including OREO’s modular curriculum, pilot data, and open educational resources. It invites discussion on how higher education can responsibly integrate AI, not by resisting its use, but by shaping it through ethical foresight, collaborative learning, and pedagogical creativity.