

JULY, 2025

NEWSLETTER

Issue 1

Welcome to TALCo: Shaping the Future of Teaching with AI!

The **TALCo (Teacher-AI Complementarity) project** is now officially underway! Backed by the **Horizon Europe programme**, this ambitious, multi-country initiative is rethinking the role of Artificial Intelligence in education, not as a substitute for teachers, but as a powerful ally. In a time when digital transformation is accelerating, TALCo puts teachers at the centre of innovation, working to **co-create ethical, practical, and empowering solutions** for the use of AI that enhance, not undermine, educators' skills, autonomy, and professional identity. Through collaborative research, real-life classroom studies, and close engagement with educators, EdTech experts, and policymakers, **TALCo aims to shape a future where AI works with teachers**, not around them, supporting high-quality, inclusive learning across Europe.

Our mission

As AI reshapes workplaces, the education sector faces a critical challenge: how can teachers and AI work together to enhance learning? TALCo aims to:

- **Understand** how AI affects teaching tasks, skills, and jobs.
- **Develop** models and practical tools to guide AI integration in schools, universities, and training centres.
- **Co-design** ethical AI applications with teachers, policymakers, and EdTech professionals.
- **Promote** professional learning that prepares educators to use AI confidently and effectively.



Why TALCo Matters

With AI technologies rapidly evolving, the education sector faces increasing pressure to adapt. **Yet many teachers feel they are not prepared.** TALCo addresses this challenge by:

- **Bridging the gap between AI innovation and teacher practice**
- **Developing guidelines for the ethical use of AI in education**
- **Supporting teacher skill development** across their career lifecycle



Our Approach

TAICo's research is guided by a **comprehensive model of Teacher-AI Complementarity**, which explores how artificial intelligence can meaningfully support educators across different dimensions of their work. **At the task level**, the project examines how AI can assist teachers in planning lessons, delivering instruction, and evaluating student progress. **At the skill level**, it investigates how AI interacts with teachers' professional knowledge and influences their decision-making in the classroom. Finally, **at the job level**, TAICo looks at how AI is reshaping teaching roles, job profiles, and long-term career development. This model is being tested and refined through a combination of design-based research and field studies conducted in **12 authentic educational settings** across **six European countries**, ensuring the project delivers results that are both grounded in evidence and directly applicable to real-world practice.

Let's co-create the future of education with teachers and technology in harmony.

TAICo will produce a set of impactful outcomes to guide AI integration in education. These include a validated **model of Teacher-AI complementarity** (R1), a **knowledge base on AI's impact on teaching tasks, skills, and roles** (R2), and **guidelines for the ethical design and deployment of AI tools** (R3). To support educators, the project will develop professional training practices for **critical teaching skills** (R4) and offer **policy recommendations** and a **strategic roadmap for AI use in education** (R5).



Who Will Benefit?

- Teachers and trainers
- EdTech companies
- Policy makers
- Learners and parents

Who's Involved?

- 10 partners from Austria, Finland, Estonia, Germany, the Netherlands, the UK, Italy, and Belgium
- Leading universities, education ministries, NGOs, EdTech alliances, and teacher unions
- Over 200 educators directly engaged in the research



Funded by
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them. Project Number: 101177268



www.taico-project.eu



[@taico-project](https://www.linkedin.com/company/taico-project)

THE CONSORTIUM

The **TAICo project** brings together a multidisciplinary consortium of partners from across Europe, including universities, research institutions, and education-focused organizations. Representing **six countries**: Austria, Estonia, Finland, Germany, the Netherlands, and the United Kingdom. The consortium combines strong expertise in artificial intelligence, pedagogy, educational design, and ethics. This diverse partnership ensures a holistic approach to exploring teacher-AI complementarity, fostering innovative, inclusive, and ethically grounded solutions for the future of education.

THE COORDINATOR:

Universität für
Weiterbildung
Krems



THE PARTNERS:

Radboud Universiteit



REPUBLIC OF ESTONIA
EDUCATION AND YOUTH BOARD



TALLINN UNIVERSITY

RUHR
UNIVERSITÄT
BOCHUM

RUB



"Stay connected and be the first to hear about the latest updates, insights, and milestones from the **TAICo** project!"



Funded by
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them. Project Number: 101177268



www.taico-project.eu



[@taico-project](https://www.linkedin.com/company/taico-project)