Friedrich-Alexander-Universität
Erlangen-Nürnberg

FAU

AI-Driven Co-Creation

A stepwise model for advancing AI in university teaching

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40,600
Students

16,000
Employees

272
Study courses

264 m €
Third-party funds raised

5 Faculties

School of Engineering TF
Philosophical Faculty Phil
School of Business and Law RW
Medical Faculty Med
Faculty of Science Nat

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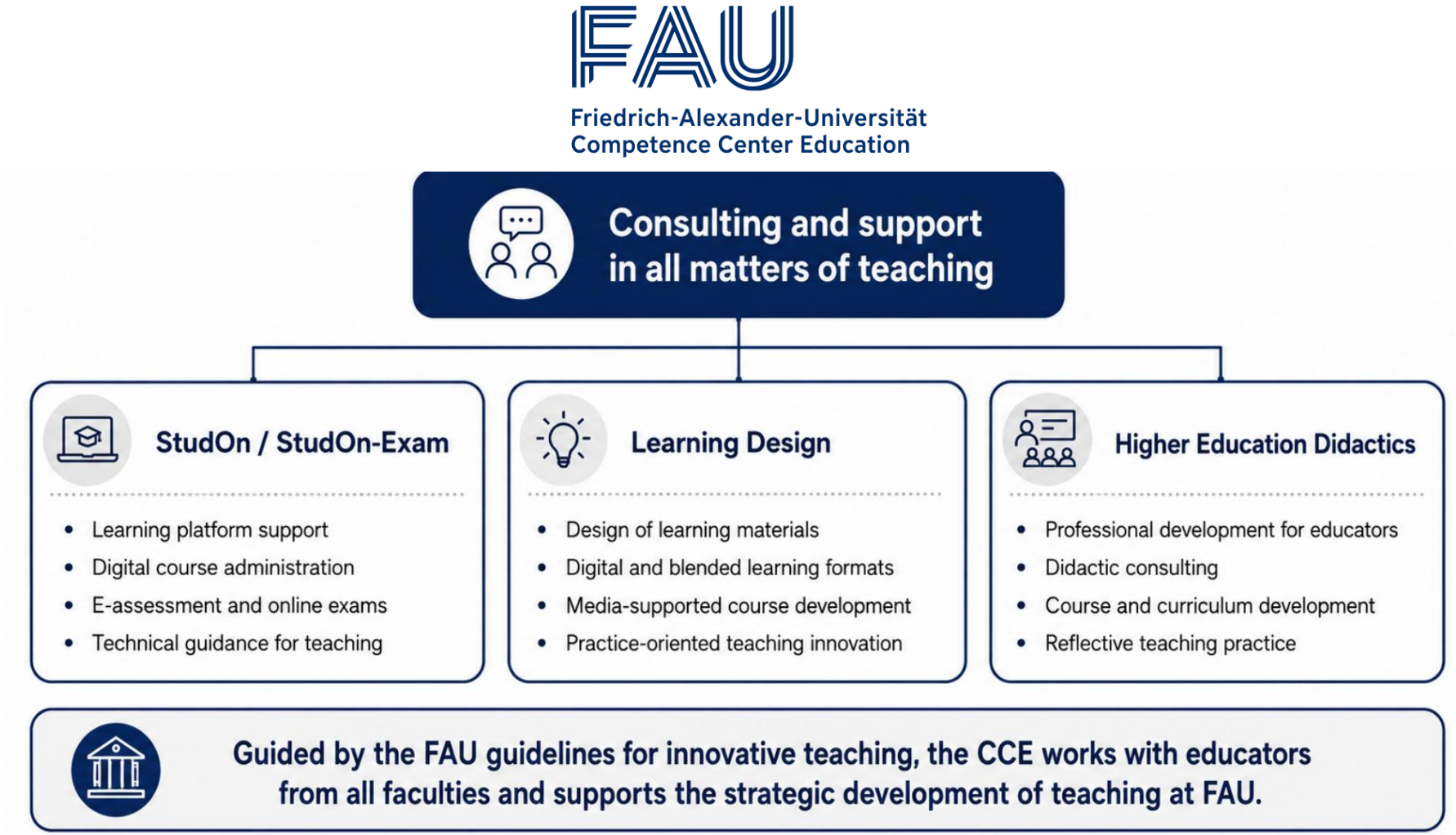
Moving Knowledge since 1743

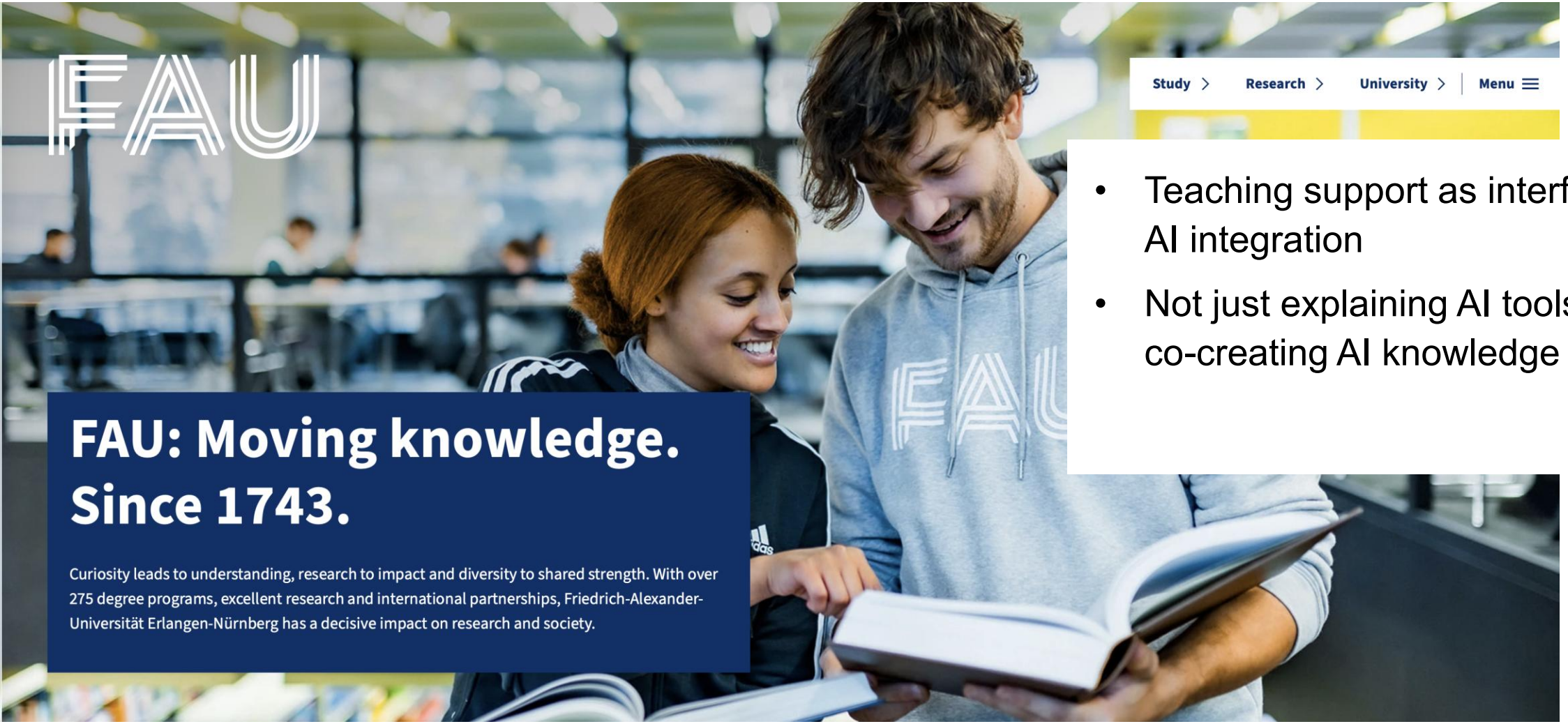
430 m €
Of investment

At FAU: Teaching Support as an Interface for AI Integration



Graphic: created with ChatGPT image generation (DALL·E), 2026.

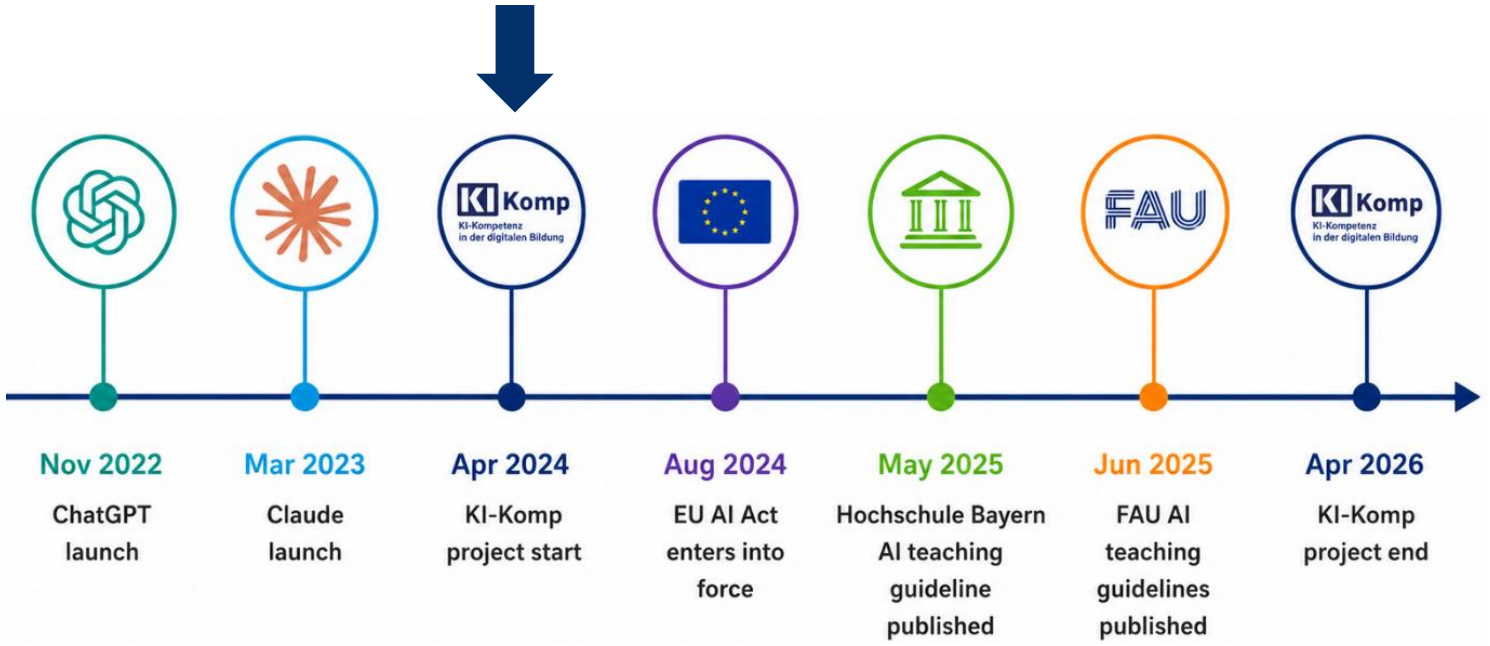
Moving knowledge



- Teaching support as interface for AI integration
- Not just explaining AI tools but co-creating AI knowledge

Use Case at FAU: Creating and Sharing Knowledge through “KIKomp”

Creating and Sharing Knowledge through KIKomp



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Looking back to 2024: Building AI competence

- Generative AI had already entered higher education.
- Educators needed orientation on assessment, law, ethics and didactics.
- Students were developing their own AI practices.
- The project team had to build AI competence itself.
- Traditional programme development was too slow for a moving field.

Gefördert durch die
Stiftung Innovation in der Hochschullehre

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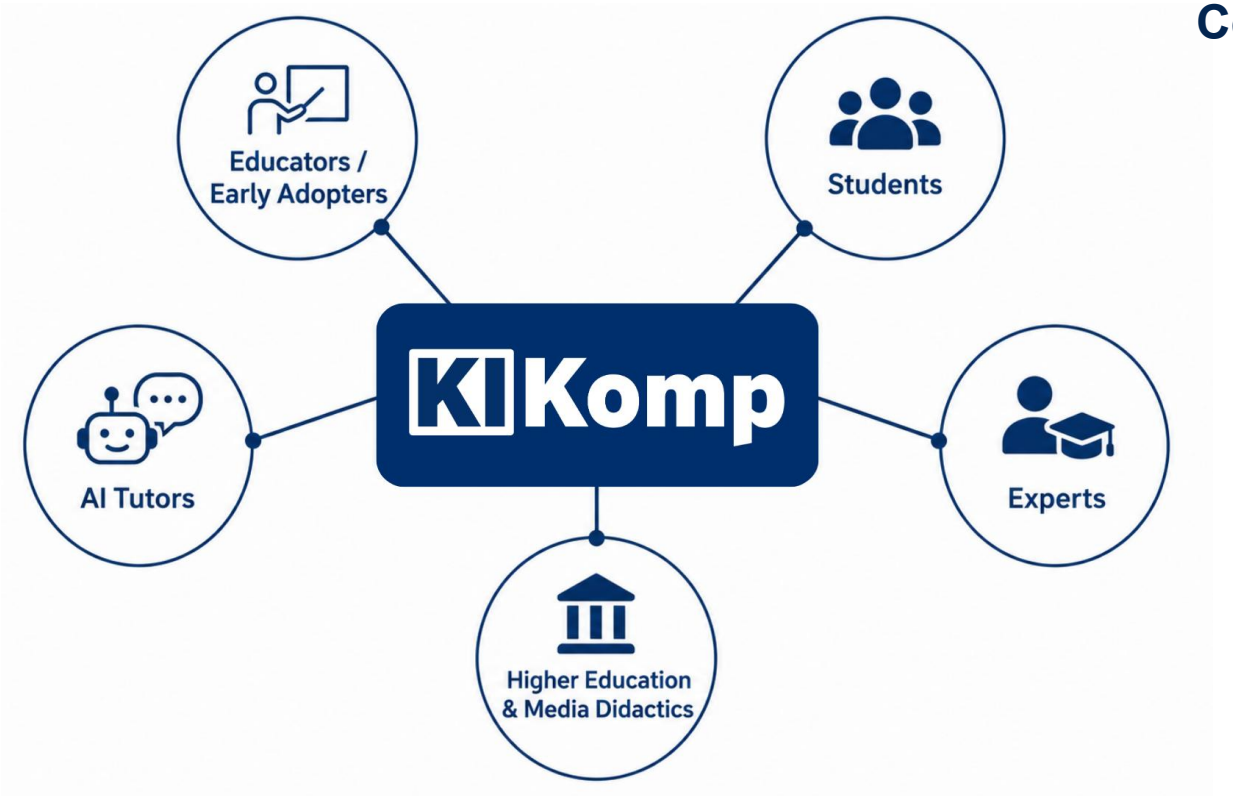
Creating and Sharing Knowledge through KIKomp



Graphic: created with ChatGPT image generation (DALL·E), 2026.

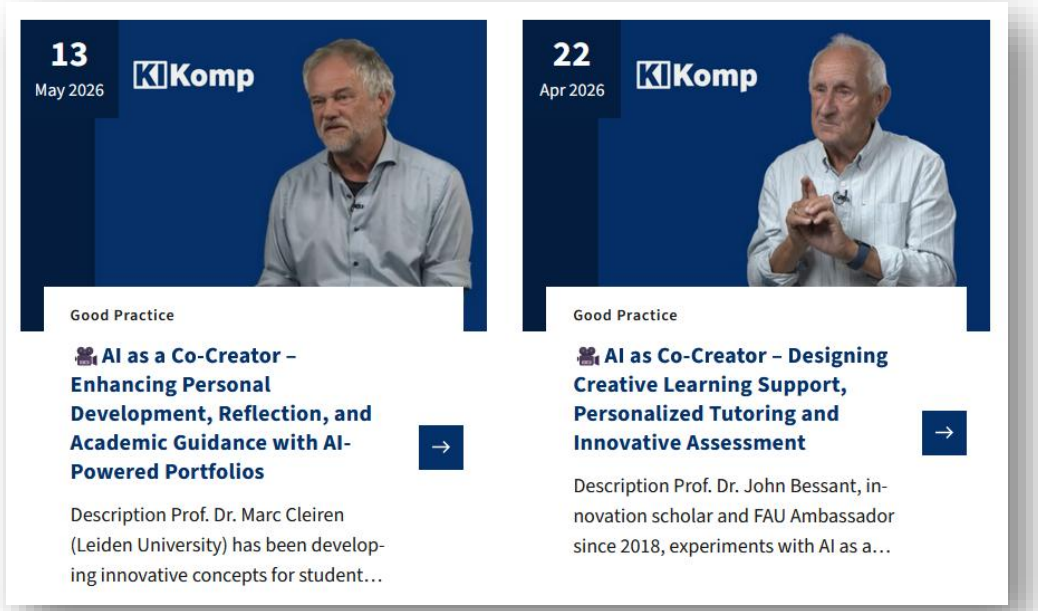
Co-Creation as a way to build shared AI knowledge

- Educators and early adopters: insights from teaching practice.
- Students: learning practices and needs.
- AI tutors: bridge between educators, students and project team.
- Experts: didactic, ethical, legal and technical perspectives.
- Project team: higher education and media didactic design.

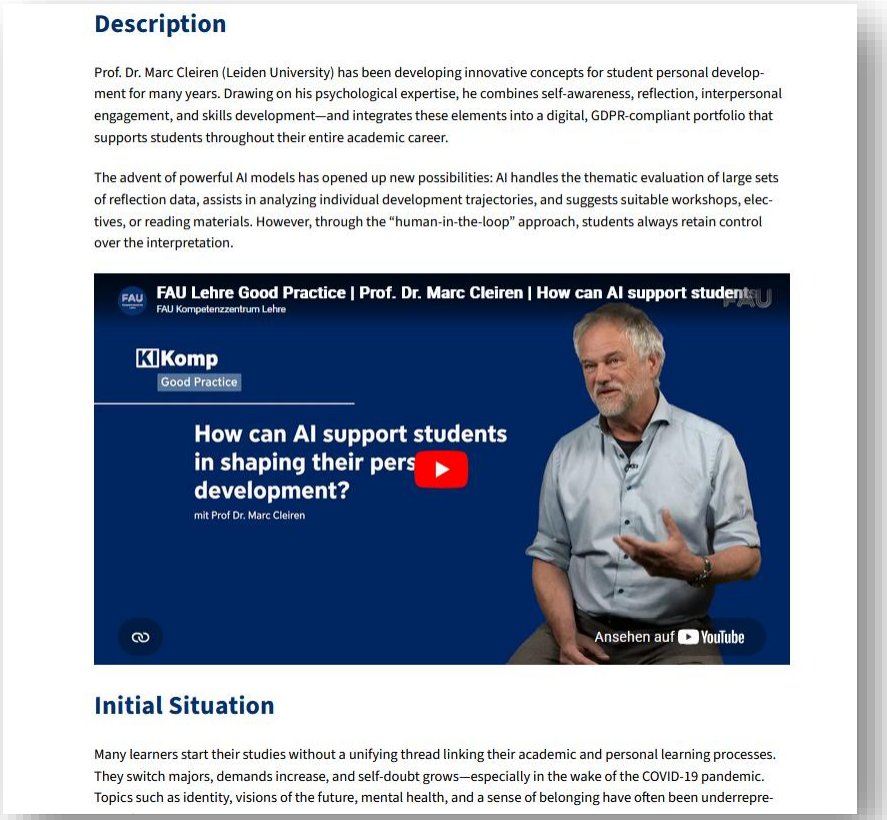
Creating and Sharing Knowledge through KIKomp

Co-Creation Making knowledge visible and reusable

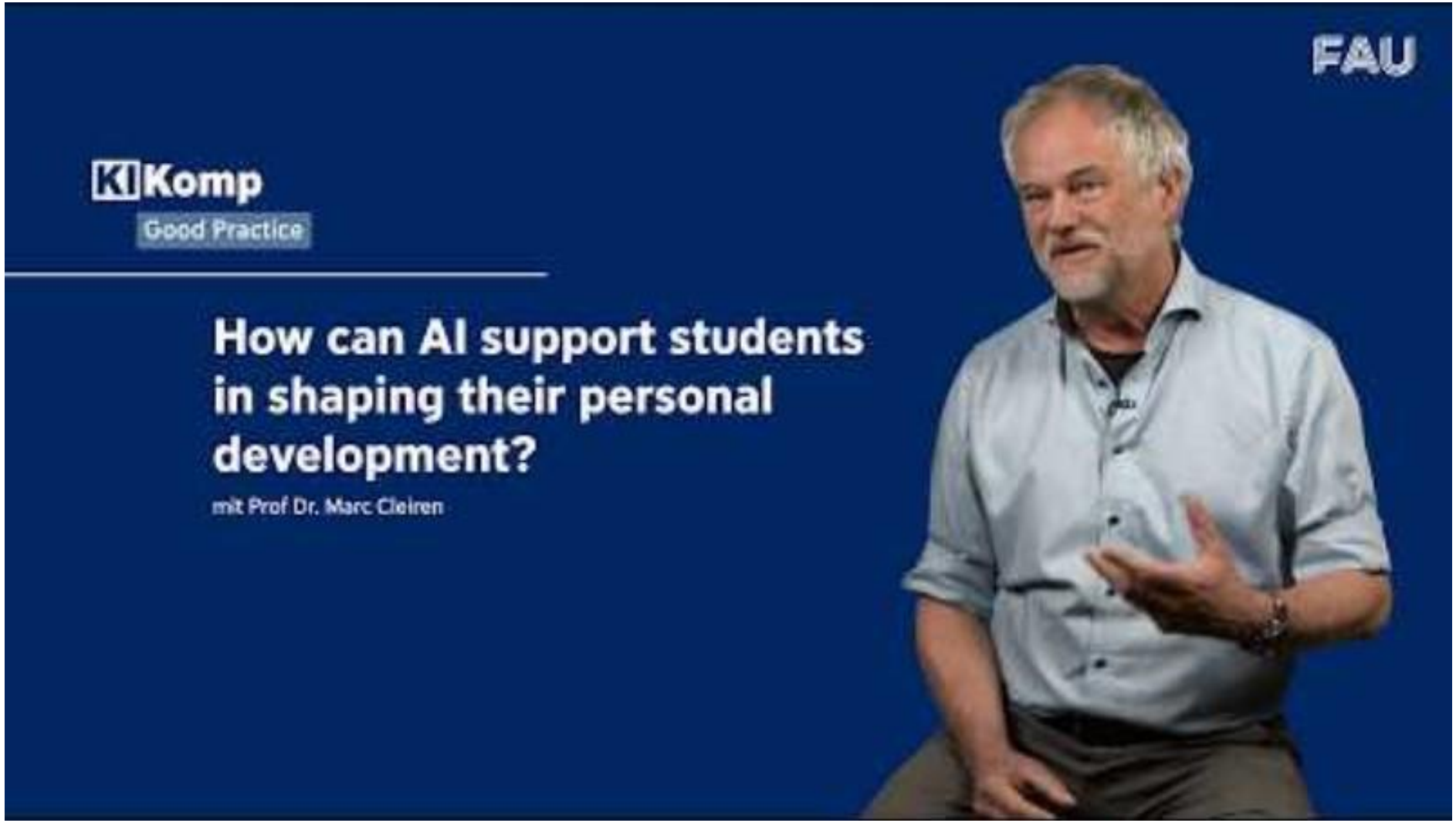
- Two video formats
- Good practices from different disciplines.
- Expert perspectives on ethics, law, didactics and technology.



Website: https://www.lehre.fau.de/infothek/good-practice/



Creating and Sharing Knowledge through KIKomp

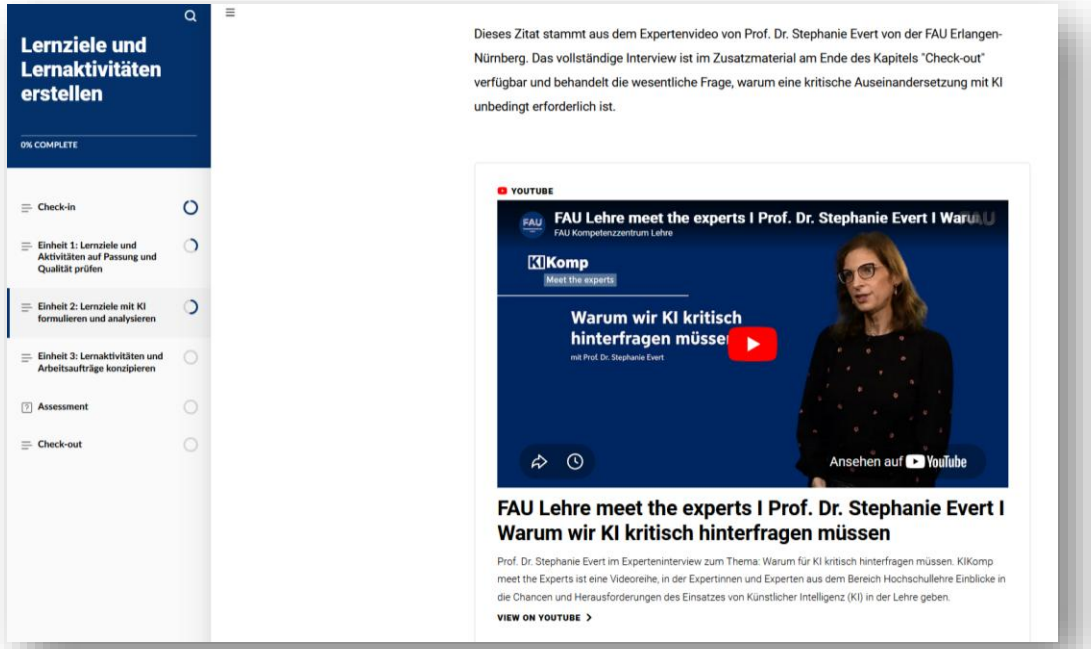


Creating and Sharing Knowledge through KIKomp

From Videos to Microlearnings

Microlearnings based on concrete use cases

- Seminar series and exchange formats for educators
- Practice knowledge became reusable learning and support resources



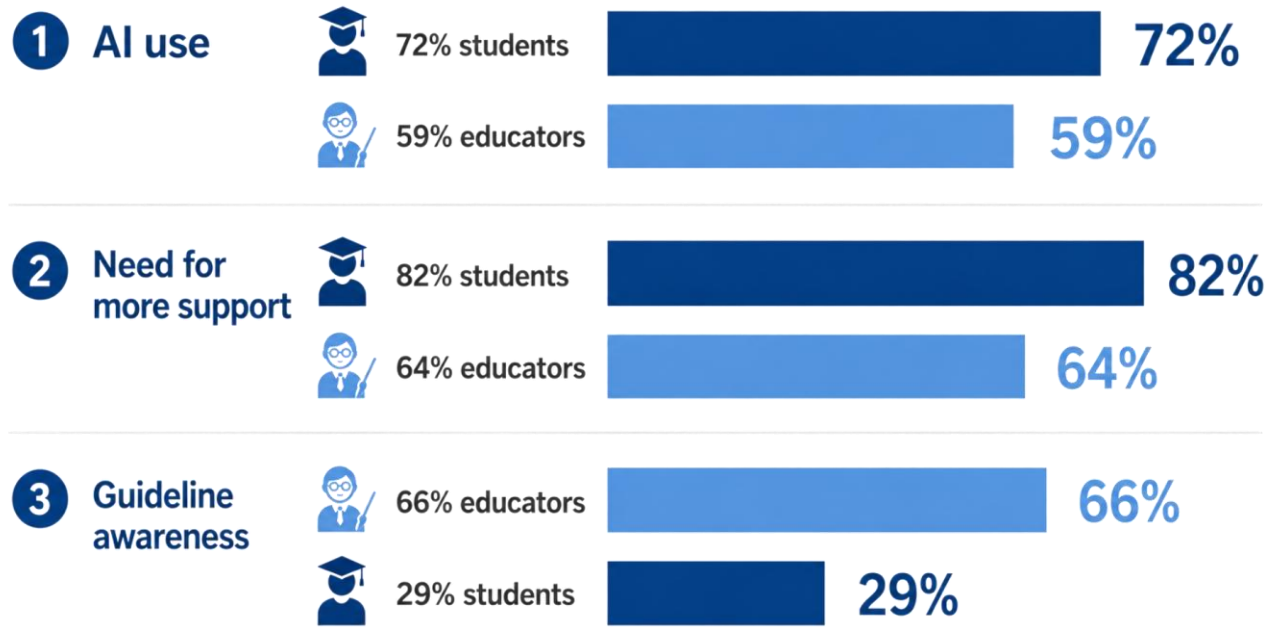
Website: https://www.studon.fau.de/studon/go/cat/6747480

From Co-Creation to Sustainable AI Integration

AI Use Is Growing.
So Is the Need for Guidance.

Survey among FAU-educators and students in the final phase of the project (Dez 24 – Feb 25)

- AI is already part of teaching and learning practice
- Strong demand for orientation, support and visibility
- Guidelines need communication and practical contextualisation
- Support must address both educators and students



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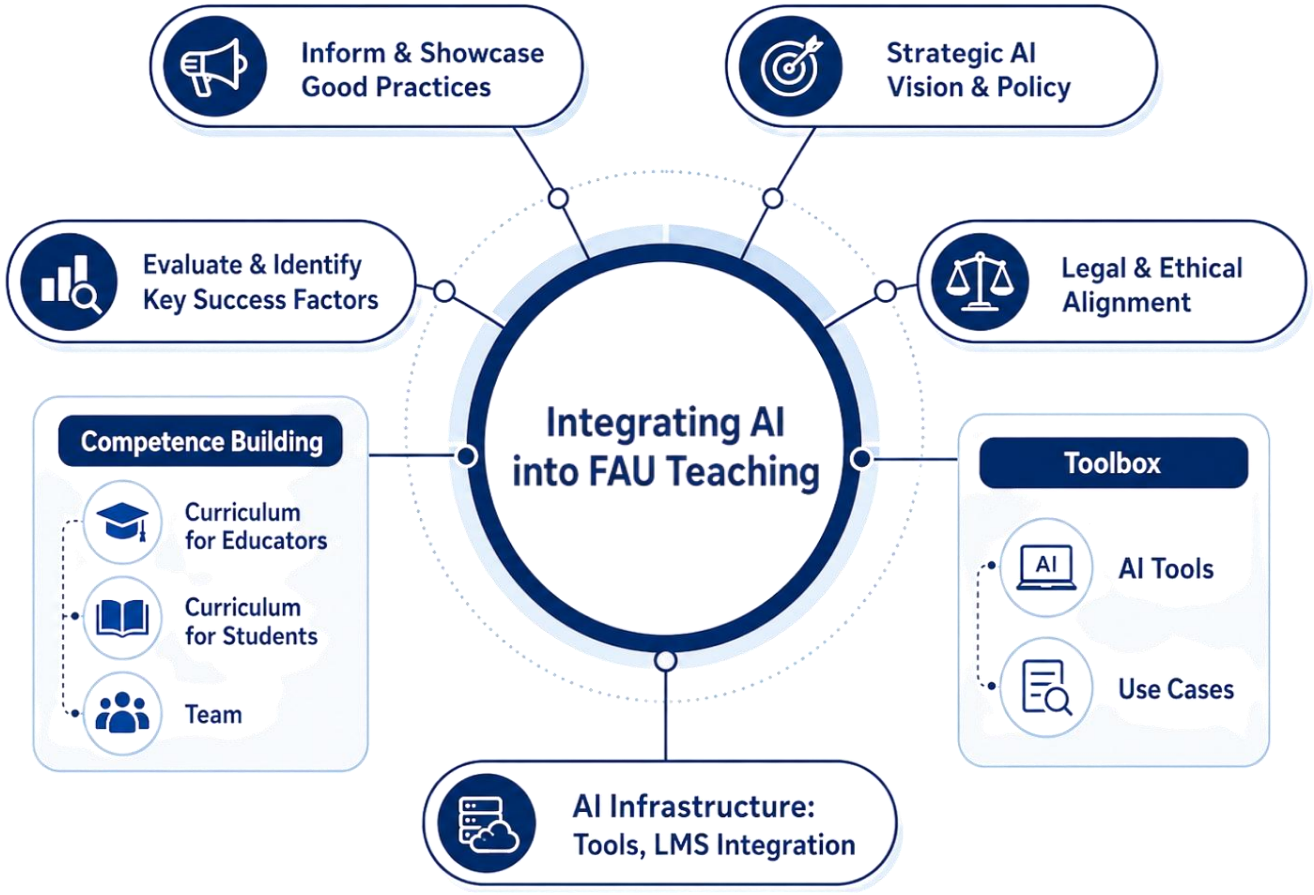
From Co-Creation to Sustainable AI Integration

Beyond Tool-Centrism: AI Literacy and Reflection

- AI guidelines for teaching: first FAU publication in June 2025.
- Orientation for responsible and legally sensitive AI use.
- AI Literacy for educators and students.
- Spaces for exchange, reflection and shared learning.
- Co-creation connects innovation with responsibility.



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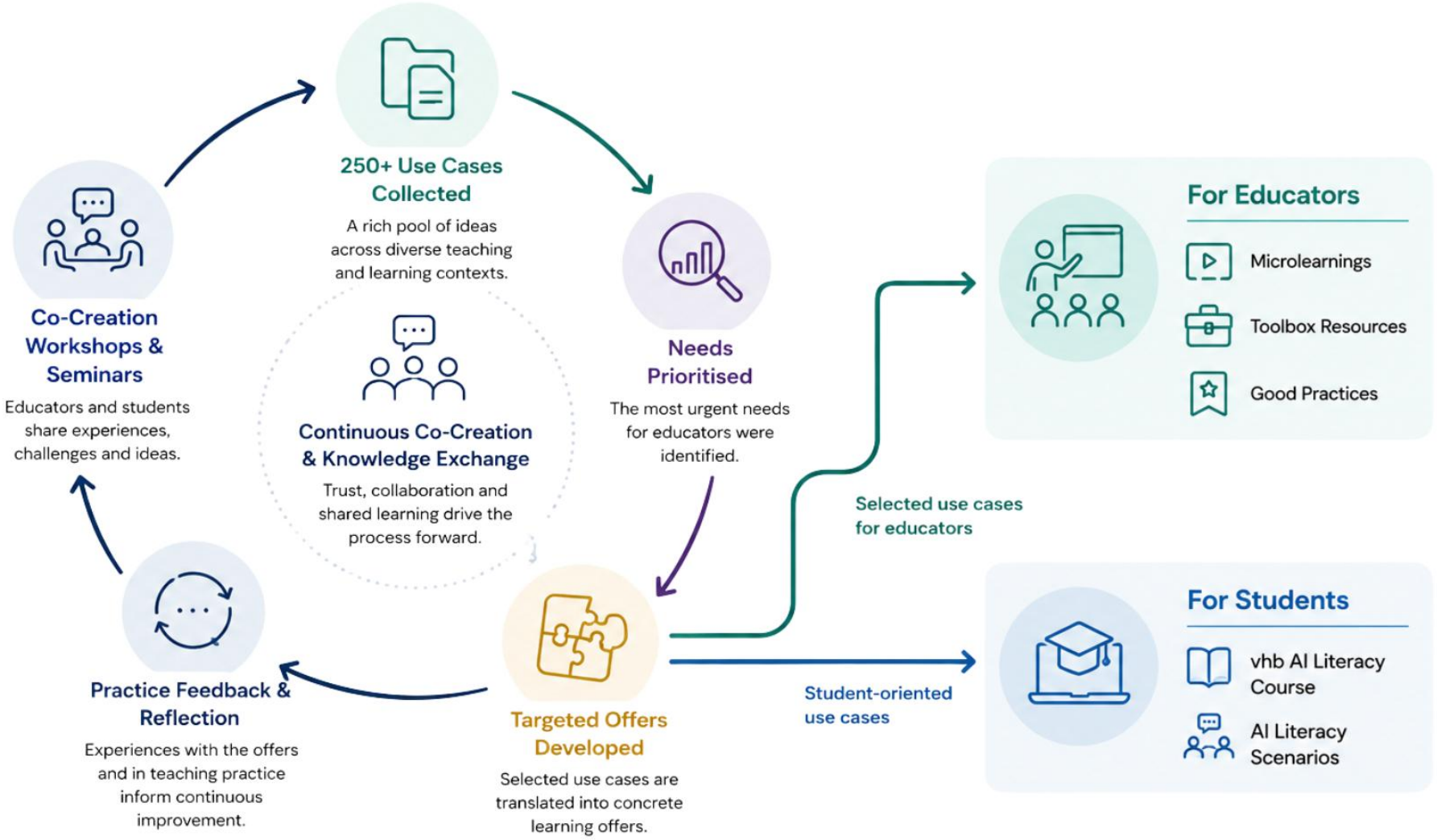
From Co-Creation to Sustainable AI Integration



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From Co-Creation to Sustainable AI Integration

Our Learnings

- AI integration does not develop in a linear way
- It emerges through strategy, practice knowledge, expertise, student perspectives and continuous reflection
- Co-creation is not an add-on format, but a way to work productively with uncertainty
- The key shift: from reaction to strategy, from individual knowledge to shared knowledge, from project activities to sustainable AI integration

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Thank you!

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