

AI-Driven Co-Creation

A stepwise model for advancing AI in university teaching

Elisabeth Krauß & Roland Hallmeier

FAU Competence Center Education (CCE)

Friedrich-Alexander-Universität Erlangen-Nuremberg (FAU)





40,600
Students



16,000
Employees

272
Study courses



264 m €
Third-party funds raised

5 Faculties



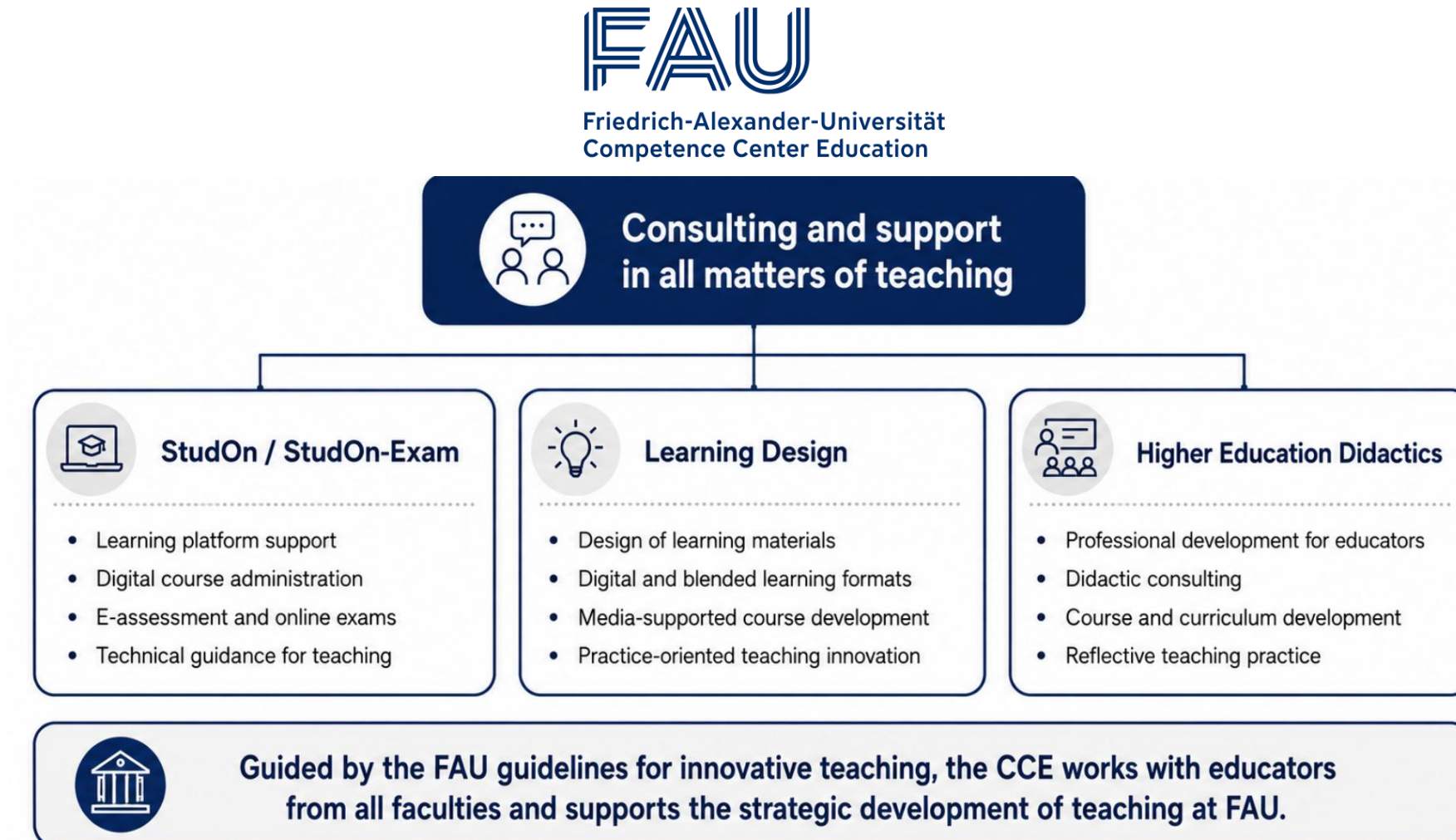
Friedrich-Alexander-Universität
Erlangen-Nürnberg

**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



FAU: Moving knowledge. Since 1743.

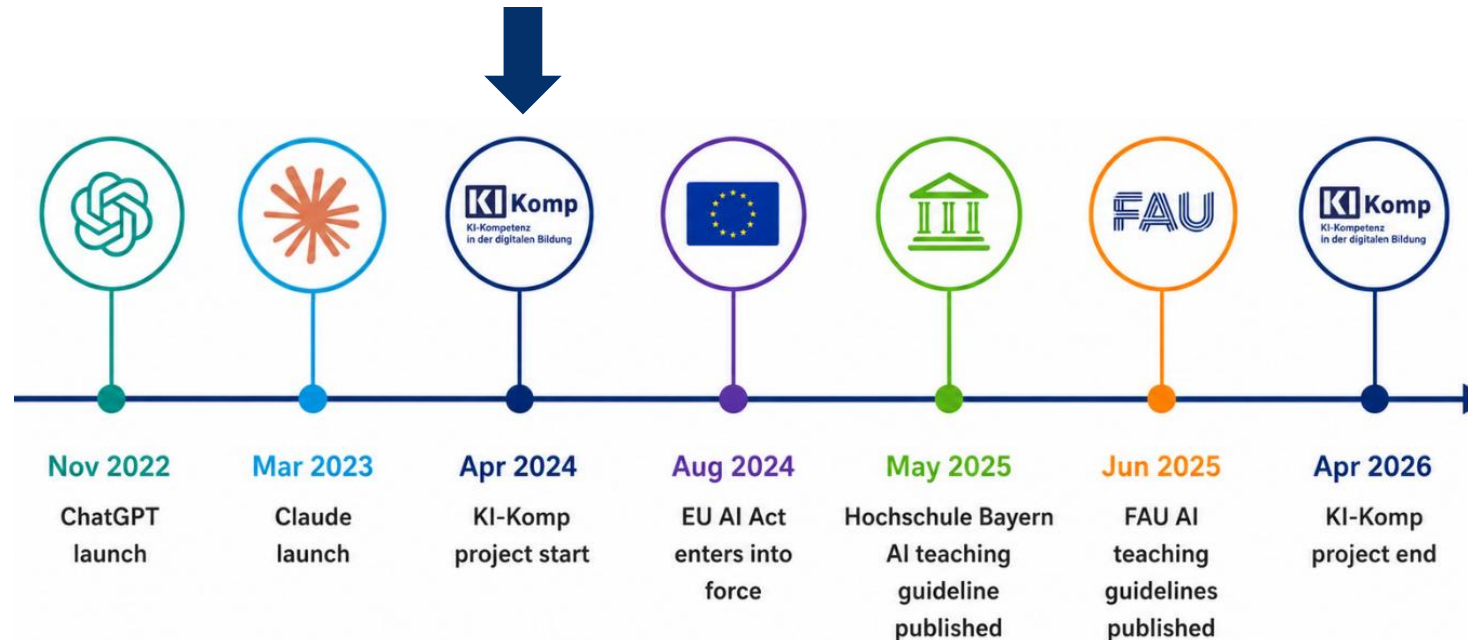
Curiosity leads to understanding, research to impact and diversity to shared strength. With over 275 degree programs, excellent research and international partnerships, Friedrich-Alexander-Universität Erlangen-Nürnberg has a decisive impact on research and society.

Study > Research > University > | Menu ≡

- 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



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

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.

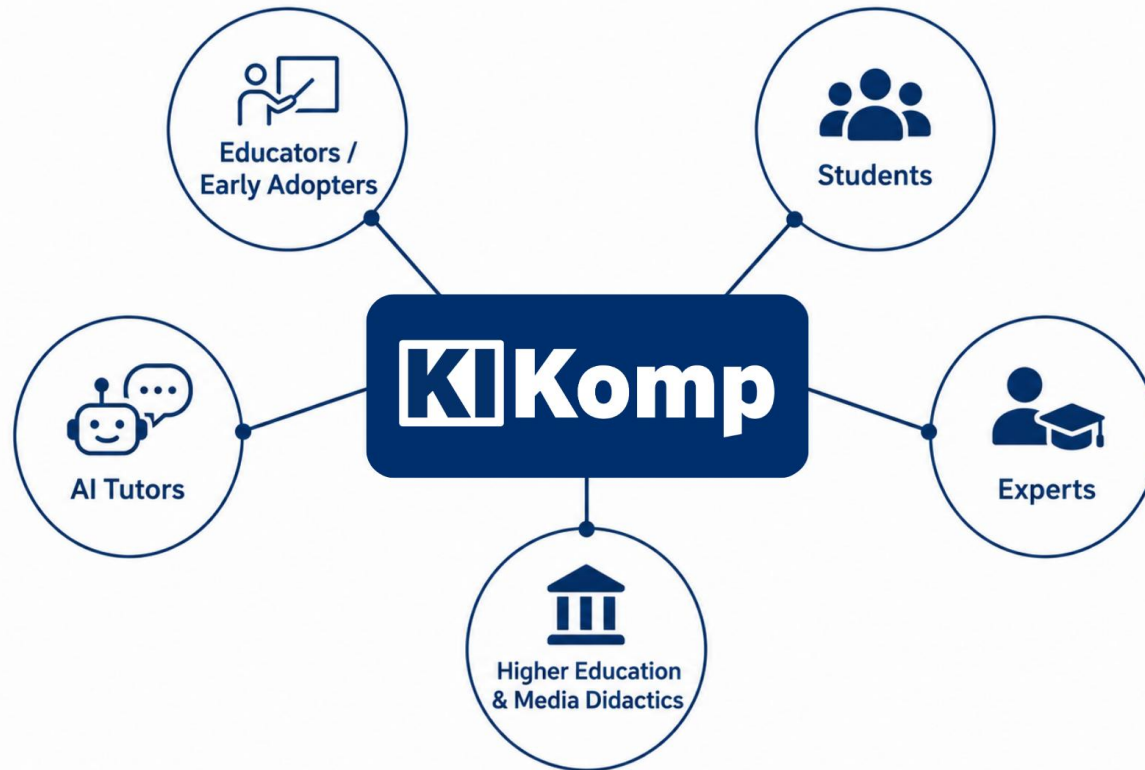
Gefördert durch die



**Stiftung
Innovation in der
Hochschullehre**

The project "KIKomp – KI-Kompetenz in der digitalen Bildung" was funded under the "Freiraum 2023" programme by the Stiftung Innovation in der Hochschullehre. Project number Projektnummer FR-476/2023

Creating and Sharing Knowledge through KIKomp



Co-Creation as a way to build shared AI knowledge

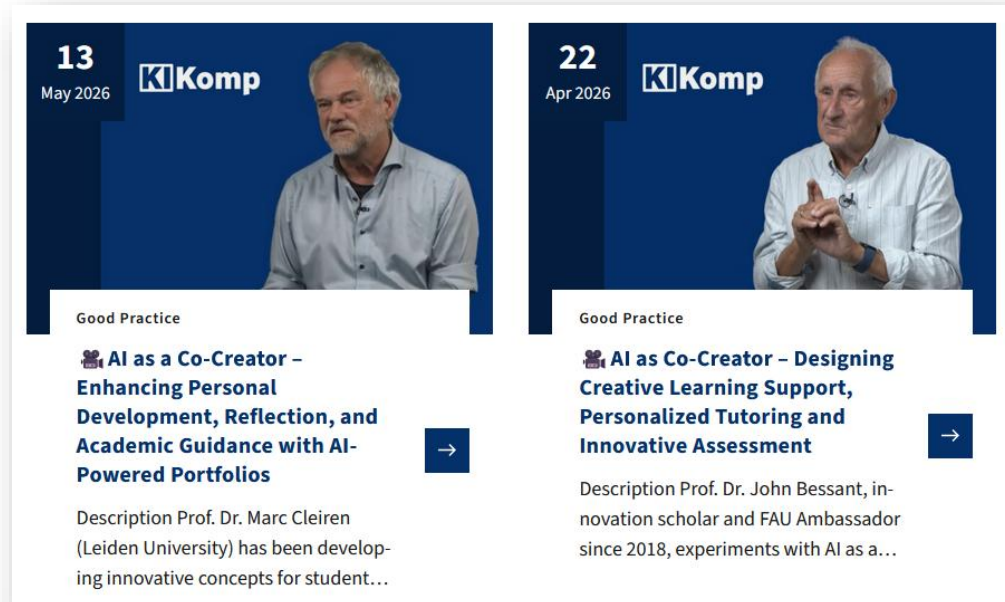
- Educators and early adopters: insights from teaching practice.
- Students: learning practices and needs.
- AI tutors: bridge between educators, students and project team.
- Experts: didactic, ethical, legal and technical perspectives.
- Project team: higher education and media didactic design.

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

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/>

Description

Prof. Dr. Marc Cleiren (Leiden University) has been developing innovative concepts for student personal development for many years. Drawing on his psychological expertise, he combines self-awareness, reflection, interpersonal engagement, and skills development—and integrates these elements into a digital, GDPR-compliant portfolio that supports students throughout their entire academic career.

The advent of powerful AI models has opened up new possibilities: AI handles the thematic evaluation of large sets of reflection data, assists in analyzing individual development trajectories, and suggests suitable workshops, electives, or reading materials. However, through the “human-in-the-loop” approach, students always retain control over the interpretation.



Initial Situation

Many learners start their studies without a unifying thread linking their academic and personal learning processes. They switch majors, demands increase, and self-doubt grows—especially in the wake of the COVID-19 pandemic. Topics such as identity, visions of the future, mental health, and a sense of belonging have often been underrepresented.



Creating and Sharing Knowledge through KIKomp

FAU FAU Kompetenzzentrum Lehre

Lernziele und Lernaktivitäten erstellen

START COURSE

KIKomp
KI-Kompetenz
in der digitalen Bildung

Lesezeit: ca. 60 Minuten
Dieses Microlearning entstand im Rahmen des Projekts "KIKomp – KI-Kompetenz in der digitalen Bildung", gefördert im Programm „Freiraum 2023“ durch die Stiftung Innovation in der Hochschullehre. Projektnummer FR-476/2023

- Check-in
- Einheit 1: Lernziele und Aktivitäten auf Passung und Qualität prüfen
- Einheit 2: Lernziele mit KI formulieren und analysieren
- Einheit 3: Lernaktivitäten und Arbeitsaufträge konzipieren
- Assessment
- Check-out

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

Lernziele und Lernaktivitäten erstellen

0% COMPLETE

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Dieses Zitat stammt aus dem Expertenvideo von Prof. Dr. Stephanie Evert von der FAU Erlangen-Nürnberg. Das vollständige Interview ist im Zusatzmaterial am Ende des Kapitels "Check-out" verfügbar und behandelt die wesentliche Frage, warum eine kritische Auseinandersetzung mit KI unbedingt erforderlich ist.

FAU Lehre meet the experts | Prof. Dr. Stephanie Evert | Warum wir KI kritisch hinterfragen müssen

Prof. Dr. Stephanie Evert im Experteninterview zum Thema: Warum für KI kritisch hinterfragen müssen. KIKomp meet the Experts ist eine Videoreihe, in der Expertinnen und Experten aus dem Bereich Hochschullehre Einblicke in die Chancen und Herausforderungen des Einsatzes von Künstlicher Intelligenz (KI) in der Lehre geben.

VIEW ON YOUTUBE >

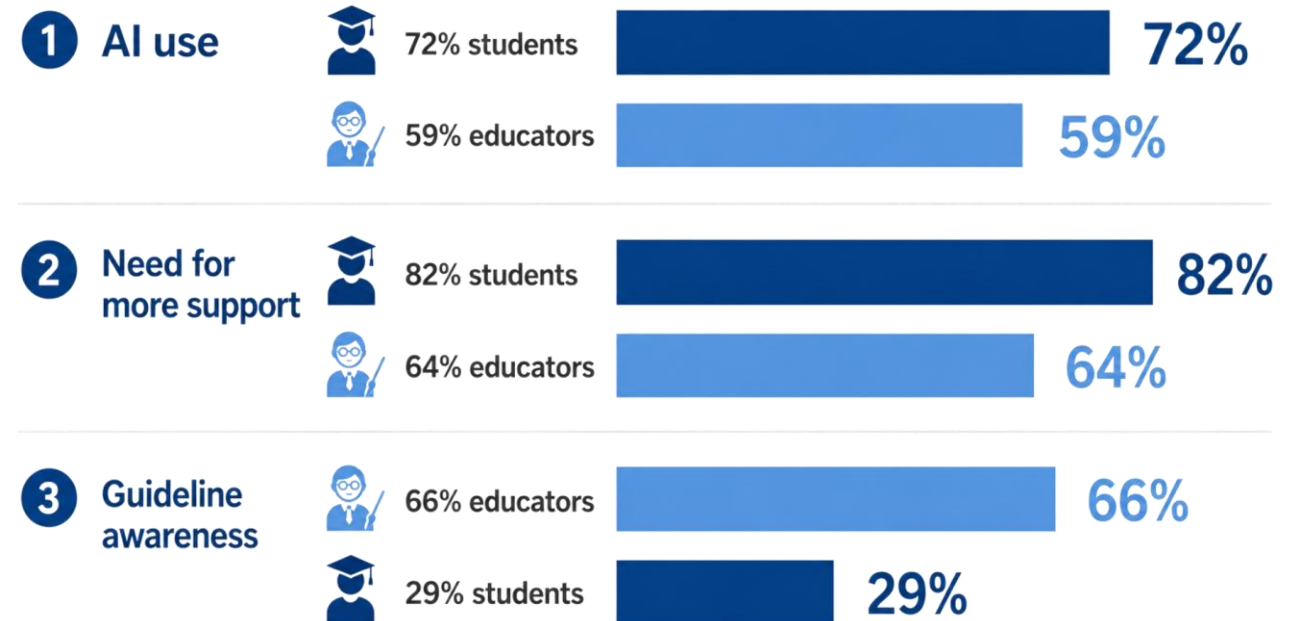
Website: <https://www.studon.fau.de/studon/go/cat/6747480>

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

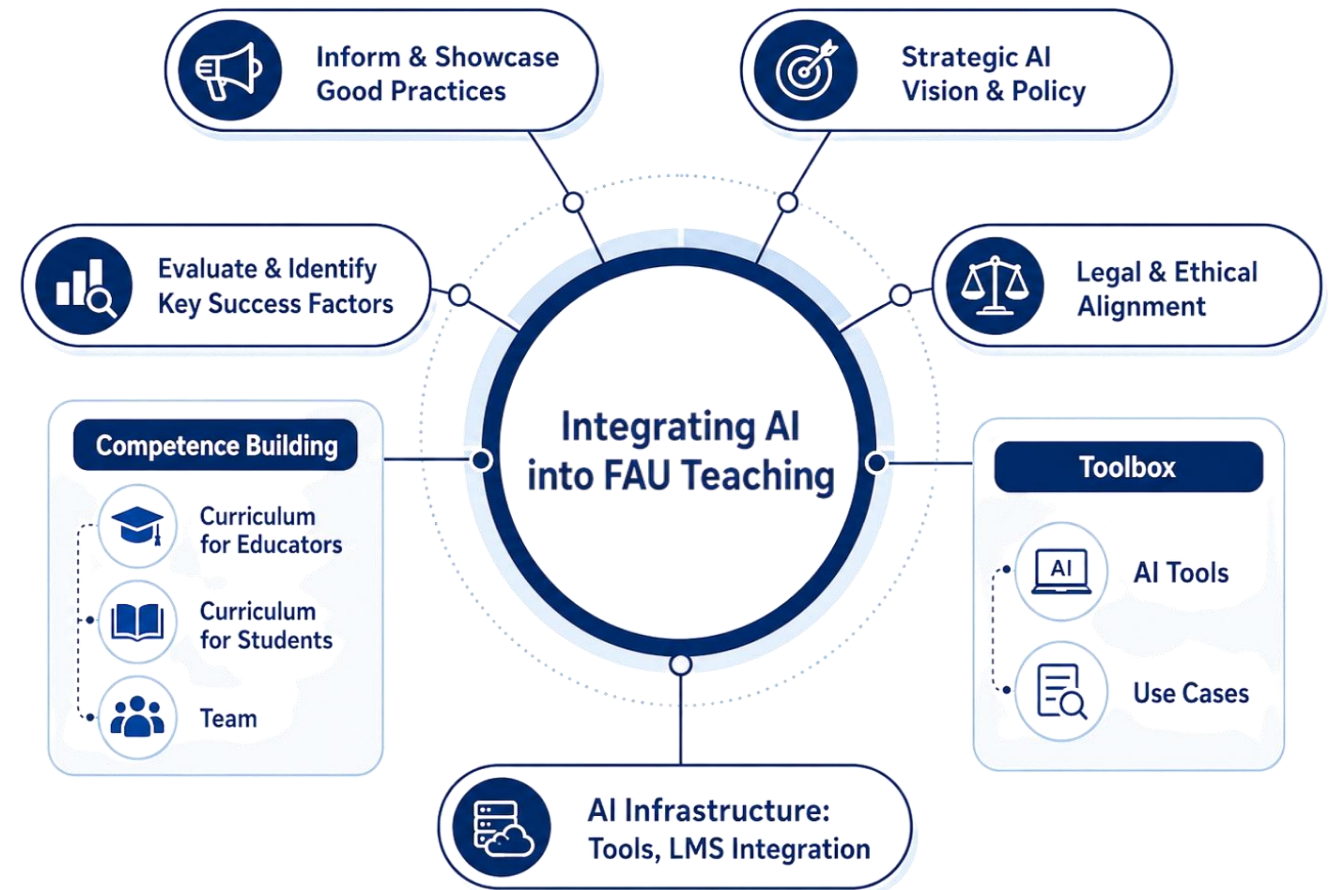


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From Co-Creation to Sustainable AI Integration

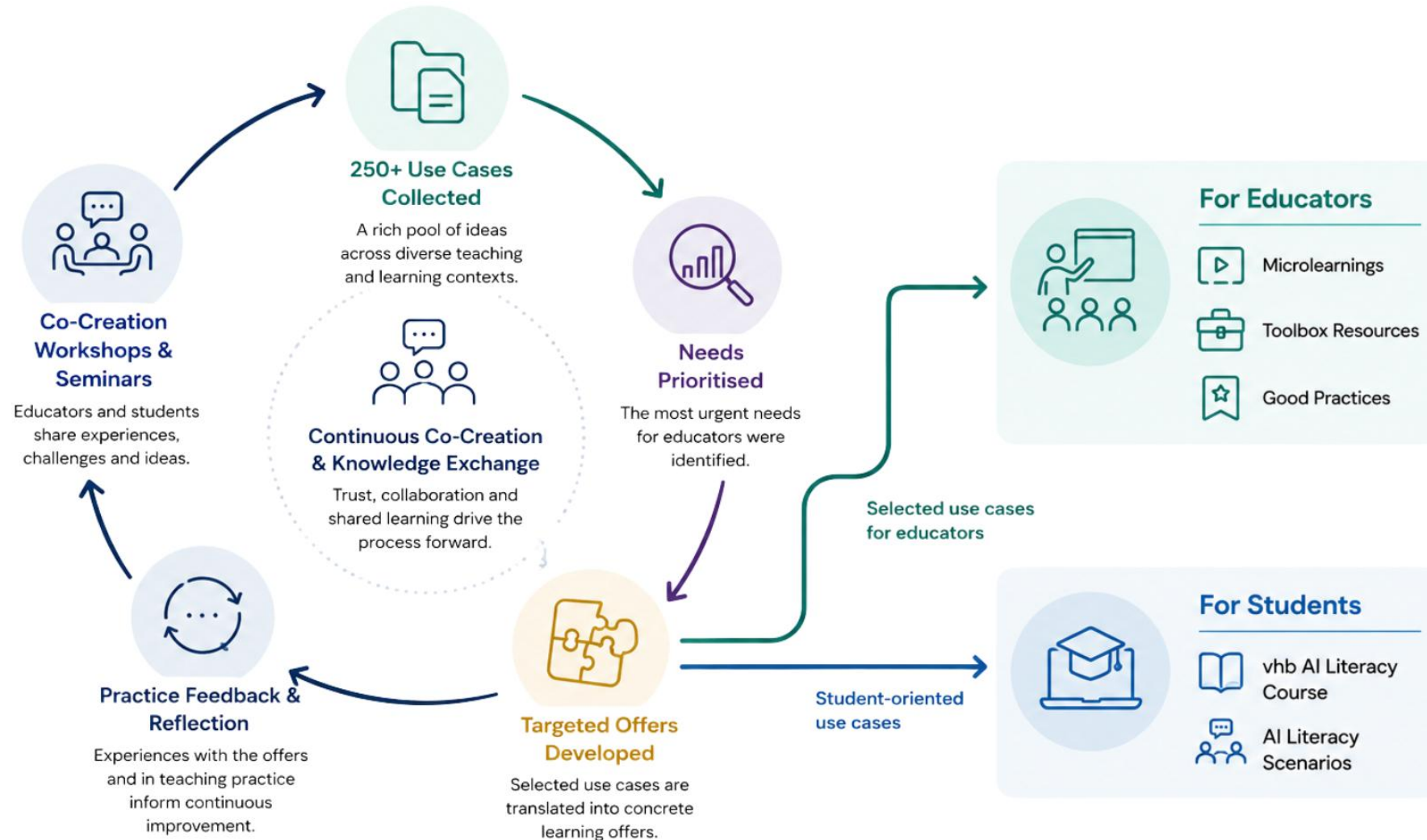
Beyond Tool-Centrism: AI Literacy and Reflection

- 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.



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

From Co-Creation to Sustainable AI Integration



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

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

Thank you!

Elisabeth Krauß

elisabeth.krauss@fau.de

Roland Hallmeier

roland.hallmeier@fau.de