

Learn STEM

*Innovative Model
of learning STEM
in secondary schools*

School Education
ERASMUS+

KA220-ADU -
Cooperation partnerships in
adult education

Reference Number:

2022-1-TR01-KA220-SCH-000087583

Duration:

31.12.2022 to 30.12.2024 (24 months)



LearnSTEM

Transnational Partner Meeting 1

24th to 27th of April 2023 in Konya, Turkey

25th of April 2023

WP2: Learn STEM Pedagogical Model

**Presentation of the leading partner:
University of Paderborn**



Chair of Business and Human Resource Education II
Prof. Dr. Marc Beutner

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The department and the chair



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Chair of Business, Human Resource Education and Evaluation Research
Prof. Dr. Marc Beutner



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The Chair in portrait



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Tim Eickels, Ilona Petsch, Sebastian Koppius, Jennifer Schneider, Elmar Janssen, Prof. Dr. Marc Beutner, Niclas Grüttner, Helene Lindenthal, Annette Steffens



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(University of Paderborn,
Picture from Patrick Kleibold, 14.06.2013)

The University of Paderborn



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Q-Building, University of Paderborn - Referat Presse und Kommunikation, 27.09.2013

- ❖ 5 faculties
- ❖ **About 65** different degree programmes
- ❖ **19.076** students 2022
- ❖ **2.646** staff members 2022

The department and the chair



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Chair of Business, Human Resource Education and Evaluation Research
Prof. Dr. Marc Beutner



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Research foci and fields of activity

- Youth education, Adult education, vocational education and vocational teacher education
- Education of students in the first phase (university phase) of teacher education in the field of adult education, vocational education and training
- Connection of teaching activities and research
- School education with focus on general and vocational schools
- European VET – Cultural differences and similarities
- Game-based-learning, Serious Games
- eLearning, mLearning
- Entrepreneurship Education and Career Orientation
- Evaluation in education and evaluation research
- Pedagogy, didactic and curricular approaches and designs



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Currently running or recently finished projects I

Currently running international projects:

COOP-Cities: Learning from urban cities sustainable solutions to deal with the global challenges faced due to COVID pandemic

DigiComConsumer: Integrating Digital Competence for Consumers in secondary education through Digital Games Based Learning co-creation approach

EU-CERT: European Certificates and Accreditation for European Projects

Family Business Library: Rural and Regional Libraries as Local Family Entrepreneurship centres

Green-4-Future: Greening the EntreComp Framework to Reconcile Economic Development and Environmental Security

IDEAL- GAME: Improving didactics, education and learning in higher education with the Online Serious Game Creator

Interface: Using agile, interactive learning environments to promote work-based learning in cVET

Reliable Green: Remote work, telework and learning with innovative and accessible educational resources for businesses and labor markets in Europeans Green Economy

STEM-in-Action: Open Educational Resources for Teachers

SAFE: Streaming approaches for Europe

UglyFruitsNOT!: "Ugly" fruits and veggies...NOT! - An innovative educational program towards sustainable consumption and food waste reduction

Currently running national projects:

5G-Lernorte OWL: 5G-Lernorte für die Ausbildung der Zukunft

FEL - Elektronischer Ausbildungsnachweis:

Forschungsprojekt zur Entwicklung eines E-Learning Tools mit integriertem elektronischen Ausbildungsnachweis (FEL) für die berufliche Pflegeausbildung

Weiterbildung4OWL – InWeDig:

Intermediation von Weiterbildung und Digitale Transformation als Herausforderungen für Bildungs-Ökosysteme am Beispiel des Weiterbildungsraums it's OWL

VC BK: Virtual Classroom am Berufskolleg des Kreises Höxter- Brakel



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Currently running or recently finished projects I

Recently finishes international projects:

Digi-VET: Fostering Digitization and Industry 4.0 in vocational education

EDU-VET: E-Learning, Digitisation and Units for Learning at VET schools – Creating online Learning Environments in Technical Education for European metal industry

GameON: Game-based learning in School Education

GET-UP: Green Entrepreneurship Training – underpinning prosperity

GoMobile: Mobile Learning in Vocational Education

Learning Map: Webtool for Badges in Education

MATH: Mountains of absolutely terrifying height

MeDiaPLUR: Fostering Media competences of Bloggers in Ukraine

NGEnvironemt: Foster European Active Citizenship and Sustainability Through Ecological Thinking by NGOs

OPALESCE: Online Portal and Active Learning System for Senior Citizens in Europe

Shadows: Supporting Entrepreneurs in the cultural and creative industry sector

SYNERGY: Harnessing the Learning Assets Within the SME Business Community

SMART: Skill Matching Assistance and Reporting Tool

YES: Youth Engagement in Society

Recently finishes national projects:

Aware: Personalentwicklung und Arbeit 4.0



Insights into currently running project – Starting Periode 2022



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DigiComConsumer

Integrating Digital Competence for Consumers in secondary education through Digital Games Based Learning co creation approach

Projektnummer: 2021-1-BG01-KA220-SCH-000027951



Reliable Green

Remote work, telework and learning with innovative and accessible educational resources for businesses and labor markets in Europeans Green Economy

Projektnummer: 2021-1-RO01-KA220-VET-000025443



EU-CERT

European Certificates and Accreditation for European Projects

Projektnummer: 2021-1-DE02-KA220-ADU-00003354

STEMin Action

STEM in Action *Open Educational Resources for Teachers*



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STEM IN ACTION

Open Educational Resources for Teachers



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Science Engineering
Technology Mathematics



STEM in Action
Open Educational Resources for Teachers

Project number: 2020-1-TR01-KA203-094309

[Project](#) [Downloads](#) [Gallery](#) [Conveyor](#) [Social Network](#) [Links](#) [Project](#)

Project runtime extension!

Posted on [February 1, 2022](#) by [Jennifer Schneider](#)

It's official, the Turkish National Agency accepted our application for extension of one year. Therefore, the new project runtime ends at the

30th of December 2023!

We are very happy about the extension, because the Corona restrictions in our countries often make the project more difficult and traveling for the LTTA impossible for many partners!

Recent Posts

- [Project runtime extension!](#)
- [Hey readers,](#)
- [Working on the next Steps – Video designing, creating and recording](#)
- [First LTTA](#)
- [The Kick-off Meeting](#)



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Thank you for your attendance.
Do you have any questions?



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