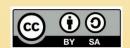
STEM for inclusive schools

School Education ERASMUS+

KA220-NW-23-30-151162 Cooperation partnerships in school education *Reference Number:* 2023-1-DE03-KA220-SCH-000151162

Duration: 03.09.2023 to 02.03.2026 (30 months)





STEM for inclusive schools

Online Meeting 1
29th of November 2023

Presentation of the leading partner: University of Paderborn



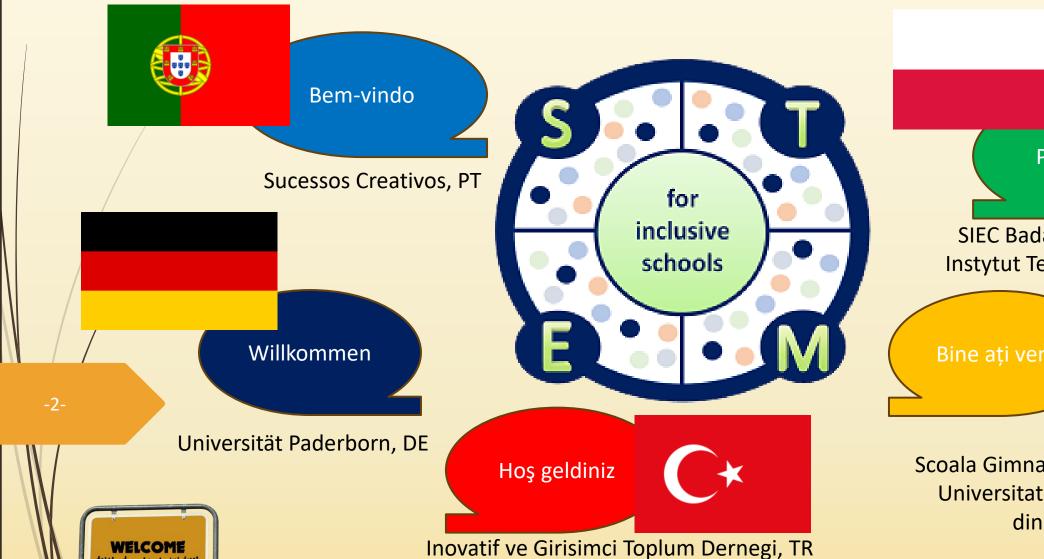
Chair of Business and Human Resource Education II
Prof. Dr. Marc Beutner

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.





Welcome, dear STEM for inclusive schools partners!





SIEC Badawcza Lukasiewicz – Instytut Technologii Ekspoatacji



Scoala Gimnaziala Nr. 7 Galati, RO
Universitatea Dunarea de Jos
din Galati, RO



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The department and the chair







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







The Chair in portrait





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





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

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







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







Some of our currently running projects



Currently running international projects:

EU-CERT: European Certificates and Accreditation for European Projects

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

Learn STEM

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











- Short partner presentation
- Aims of the project WP, LTTAs
- Status of the project and Gantt-Chart Dissemination
- Agreement about a date for TPM1







Aim of the STEM for inclusive schools project



We see empowering STEM professionals in the use of digital technology to provide new ways to learn and teach STEM subjects as an effective initiative to address the challenges of participating in STEM.

The aim of project is to empower STEM professionals and the school community to develop inclusive ways to increase interest and participation in the STEM field, and to increase their capacity by offering new ways to use digital resources in STEM to provide quality responses to different learning.









Workpackages of STEM for inclusive schools



WP 1 – PROJECT MANAGEMENT

WP 2 – STEM ACTIVITIES DESIGN AND OER

WP 3 – TOOLKIT AND DIGITAL TOOL FOR MEASUREMENT AND EVALUATION

WP 4 – GUIDEBOOK FOCUSED ON INCREASING STEM PARTICIPATION



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4 Transnational Partner Meetings - TPMs



TPM 1 - Kick-off - Romania

Between Nov 2023 and March 2024

Suggested date: 16th to 18th of Jan 2024

TPM 2 – Progress I - Poland

Between
July 2024 and Oct 2024

Suggested date: 13th to 15th of Aug 2024

TPM 3 – Progress II - Portugal

Between
March 2025 and May
2025

Suggested date: 22th to 24th of Apr 2025

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TPM 4 – Final - Germany

Between
Dec 2025 and Feb 2026

Suggested date: 16th to 18th of Dec 2025



Longer discussions about gantt chart! Rearrangement of deadlines! TPMs: 1 arrival day, 1 working day, 1 departure day





3 Learning Teaching Training Activities - LTTAs



LTTA 1 – Inclusive Learning Models and Use of Digital Technologies in STEM – Germany

Between Feb 2024 and June 2024

Suggested date: 8th to 12th of April 2024

LTTA 2 – Methods and Techniques for Measuring and Evaluating Transversal Skills and Learning Outcomes – Romania Uni

Between
Oct 2024 and Dec 2024

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LTTA 3 – LTTA - Strategies and approaches to increase participation in STEM – Romania Soala

Between
May 2025 and Jul 2025



Longer discussions about gantt chart! Rearrangement of deadlines!

LTTAs: 5 days







Contact

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



