



Erasmus+ Key Action 3
Support for Policy Reform, Forward-Looking Cooperation Projects

Priority 4

Promoting Innovative and Cross-Disciplinary Approaches to STE(A)M Teaching in Education

STEAM+

Innovating STE(A)M in Higher Education with Transdisciplinary Talent Programs



AIMS

Providing educational policy makers with instruments to prepare new generations for handling the challenges of our time

Europe faces grand challenges, such as climate change and energy transition, which have a STEM subject at their core, but need transversal skills and knowledge from All other subjects (the extra A) to create STEAM solutions.

The STEAM+ project uses transdisciplinary talent programs as laboratories of innovation in higher education (HE). The project is co-created by a dedicated and qualified team of 18 partners from 9 countries, bringing together educators, policy makers and future employers, united in their aim to provide new generations with future-proof skills.

**We need to use
brains, hearts and hands of all talents
to tackle these challenges.**



CONTENT

3 international STEAM+ innovation labs
54 workshops
27 national policy meetings

Students and teachers from 9 countries come together to co-create solutions for grand challenges. The experiences from those meetings are used to create two main products

STEAM+ Innovation Lab Implementation Path

An instrument on how to establish transdisciplinary talent programs in Higher Education

STEAM+ Menu for Policy Inspiration

An instrument for policy makers in Higher Education, local, regional, national and EU levels to support and recognize (development of) transdisciplinary talent programs

STEAM+ combines three key innovative elements

- 1) Applying a holistic approach, starting with grand challenges, using international, transdisciplinary and educational chain perspectives
- 2) Using the proven innovative power of transdisciplinary talent programs
- 3) Collaborating transnationally with 18 Higher Education and policy partners and 34 enthusiastic associate partners to optimize dissemination of results and impact



PARTNERS

18 full partners
&
34 associate partners

Full Partners Higher Education Institutions

Hanze University of Applied Sciences (Netherlands)
University of Oslo (Norway)
Johannes Kepler University Linz (Austria)
Alexandru Ioan Cuza University of Iasi (Romania)
University of Gollige Copenhagen
Klaipeda University (Lithuania)
Westphalian Wilhelms-University of Munster (Germany)
Ca' Foscari University of Venice (Italy)
KU Leuven (Belgium)
University of Antwerp (Belgium)

Full Partners - other

re.edu GmbH & Co KG (Germany)

Full Partners - policy

Norwegian Ministry of Education and Research (Norway)
Klaipeda City Municipality (Lithuania)
Flemish Advisory Council for Innovation & Enterprise (Belgium)
Romanian Ministry of National Education (Romania)
SLO - Institute for Curriculum Development (Netherlands)
Euro-Mediterranean Center on Climate Change (Italy)