

OUR KEY OBJECTIVES:

- 1 SET UP THE STEAM ALLIANCE FOR EUROPE**, the coordination network for STEAM education in Europe
- 2 UNRAVEL THE GAPS IN STEM EDUCATION IN EUROPE** per country, age, gender, socio-cultural aspects...
- 3 CO-CREATE AND TEST STEAM TRAINING ACTIVITIES FOR 11-18 YEAR-OLD STUDENTS** to boost STEM studies & creative skills.
- 4 SET UP THE PREPARATORY ACTIONS TOWARDS THE FIRST STEAM WEEK**
- 5 IMPLEMENT AND MONITOR THE PILOT OF THE EU STEAM WEEK:** "STE(A)M week for future women innovators"
- 6 ENSURE THE SUSTAINABILITY AND REPRODUCIBILITY OF PROJECT OUTCOMES** through solid exploitation activities
- 7 MAXIMIZE THE PROJECT IMPACT** via strong dissemination and communication activities, and clustering activities

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STEAMBRACE

BRIDGING THE GENDER GAP IN STEM FIELDS



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THREE CHALLENGES



1 RURAL EDUCATIONAL DISPARITIES



2 RURAL EDUCATIONAL DISPARITIES



3 GENDER GAPS IN STEM FIELDS



The project will implement cutting-edge educational practices to boost engagement and skills in both STEM and creative disciplines. By integrating arts and social sciences into STEM education, STEAMBrace seeks to empower students, with a particular focus on increasing female participation and fostering innovation.

WHAT MAKES THE STEAM ALLIANCE FOR EUROPE UNIQUE?

A diverse coalition: Bringing together educators, policymakers, Cultural and Creative Industries (CCIs), Civil Society Organisations (CSOs), Research and Technology Organisations (RTOs), and more.

GENDER-RESPONSIVE FOCUS:

Championing inclusive STEAM education that encourages participation from all genders.

CULTURAL MAINSTREAMING:

Incorporating creative approaches to make STEAM more accessible and engaging.

EUROPEAN-WIDE COLLABORATION:

Fostering partnerships across the continent to share best practices and resources.

BUILDING ON EXISTING INITIATIVES:

Collaborating with established platforms like the EU STEM Coalition and STEM Alliance to amplify our impact.

STEAMbrace is dedicated to sustainability and long-term impact, aligning with the European Green Deal and supporting rural development through knowledge transfer and social inclusion. The project will also provide policy recommendations to influence educational systems and contribute to global goals like gender equality and the highest standard.

WE ARE TRANSFORMING STEAM (SCIENCE, TECHNOLOGY, ENGINEERING, ARTS, MATHEMATICS) EDUCATION ACROSS EUROPE.



STEAMbrace focuses on addressing the gender imbalance in STEM fields, where women are underrepresented despite comprising over half the population. By creating the STEAM Alliance—a European network of educational institutions, cultural and creative industries, and technology enterprises—STEAMBrace will foster collaboration and drive innovative educational practices.

Central to STEAMBrace's mission is the development of tailored training programs for students aged 11-18, designed to bridge the gender gap and enhance creative and technical skills. The project will also launch the EU's inaugural "STE(A)M Week for Future Women Innovators," highlighting the role of women in STEM and promoting inclusivity.

Beyond its educational impact, STEAMBrace is dedicated to creating lasting change by supporting rural development and promoting social inclusion. The project will generate policy recommendations to influence educational practices across Europe and engage in extensive dissemination activities to maximize its impact. By focusing on sustainable and inclusive practices, STEAMBrace aims to shape a more innovative and equitable future for STEAM education.