Building Confidence, Opportunity, and Equality: STREAM IT Project's 2025 Milestones in European STE(A)M Education.

Recap of a Transformative Year 2025

The STREAM IT project concluded a highly successful 2025 by translating extensive research into action and piloting hands-on interventions. The project established a robust, data-driven methodology, launched key collaborative networks, and deployed practical tools aimed at empowering female students and embedding gender-sensitive education across 15 European countries. The STREAM IT project executed a comprehensive set of initiatives throughout 2025 that are poised to redefine gender inclusivity in STE(A)M education:

Foundational Research and Methodology

- **Diagnosing the 'Leaky Pipeline':** Completed Work Package 2 (WP2), a rigorous research phase across 15 countries that included a literature review and over 180 interviews with female students and educational experts. The research confirmed that institutional barriers and persistent gender stereotypes, not motivation, are the primary drivers of the STE(A)M "leaky pipeline." Read More
- **Data-Driven Solutions:** Distilled these findings into seven key intervention areas, emphasising the need to build girls' STE(A)M identities early and train educators.
- **Actionable Framework:** Used a Co-Creation Working Lab (CWL) to translate research into practical tools and a foundational guide, Deliverable D2.4, providing a needs-based methodology for gender- and diversity-inclusive hands-on activities.

Empowering Interventions and Hands-On Tools

- **Hands-On Empowerment:** Launched Work Package 3 (WP3), focusing on inclusive, hands-on activities designed to break down stereotypes. This included workshops and sessions at science centres, offering confidence-building experiences in areas like robotics and coding, directly challenging the notion that science is "for boys." Read More

- **Mentorship and Networking:** Initiated the [Science Communication Mentoring Programme,](#) connecting female university students with experienced mentors across ten European countries to develop crucial scientific, communication, and leadership skills.
- **Digital Innovation:** Created and released digital tools specifically designed for gender-inclusive teaching, helping educators design collaborative activities, promote diverse role models, and ensure equal participation in the classroom. [Read More](#)

Institutional Change and Collaborative Networks

- **National Inspiration Hubs (NIHs):** Successfully established 14 National Inspiration Hubs (NIHs) across Europe. These dynamic, multi-sector networks conducted in-depth needs assessments, developed evidence-based action plans, and delivered targeted webinar series, reaching over 500 educators and stakeholders by September 2025. [Read More](#)
- **Policy & Systemic Change:** The project successfully launched a six-part policy webinar series, "Co-Creating a Roadmap for Gender-Inclusive STE(A)M Education and Careers," completing the first three highly successful sessions in 2025.
- **Sharing Best Practices:** Identified and documented [21 best practices](#) from across Europe and built strong collaborative networks, ensuring the project's impact extends beyond its duration. All key outcomes and resources were archived on the public-facing [Virtual Makerspace](#).

Find all of STREAM IT NIHs and Policy Webinars on our [YouTube channel](#)!!

Interview: STREAM IT: Journey, Impact, and Future Strategy

Hear from STREAM IT's core team - Project Coordinator **Katalin Oborni**, WP2 Leader **Réka Geambașu**, and WP3 Leader **Evelina Šalavėjienė** - as they discuss the project's latest progress, notable achievements, and present their research findings and expert opinions on the critical topic of girls and women in STEM. **[Watch Video](#)**

Drive Change: Join the STREAM IT Forum

The STREAM IT [Virtual Makerspace Forum](#) is now open, inviting STEAM educators and enthusiasts globally to join a critical discussion on the Gender Dimension in STEAM and truly unlock the potential of girls in science and technology. This global online community space focuses on driving real change by addressing key topics, including smashing gender stereotypes, highlighting the power of role models, and developing inclusive teaching methods. Participants are encouraged to contribute their unique perspectives and collaborate on categories such as Gender and AI, the Role of Teachers, and the ongoing Mentoring Programme.

Your unique experience and perspective are essential to this discussion! Join the global discussion [here](#).

Why Collaboration Matters

The STREAM IT Project understands that true systemic change requires collective effort, emphasising collaboration as a necessity for resilient and future-ready STE(A)M education. The project highlights the STEM Learning Ecosystems (SLEs) approach, which strategically unites schools, businesses, universities, and community leaders.

This multi-sector cooperation is crucial for achieving greater synergy, incorporating diverse perspectives, enabling resource sharing, and bridging education with the real world fostering community ownership and creating a common vision essential for faster progress and long-term sustainability. Read More

Looking Ahead to Lasting Change

The momentum generated in 2025 sets the stage for a future where inclusivity in STE(A)M is a daily reality.

STREAM IT's technical progress shows that inclusivity in STE(A)M is not a distant dream; it is achievable through deliberate action, collaboration, and innovation. From smarter learning tools and research insights to networks and responsible data management, our deliverables are shaping a future where STE(A)M is open to all.

The next phase of the STREAM IT project will focus on:
- Expanding the library of digital resources.
- Strengthening partnerships across Europe and beyond.
- Measuring long-term impact to ensure efforts translate into lasting systemic change.

"We believe the future of STE(A)M is not only about technological breakthroughs but also about breaking barriers. The true value of our work is in the students who feel empowered, the educators who feel supported, and the innovators who will one day change the world."

At STREAM IT, we're not just building resources. We're building confidence, opportunity, and equality, one deliverable at a time.

STREAM IT is dedicated to creating meaningful change in addressing gender inequalities in STEM education, research, and innovation. With your continued support, we are making strides toward a more inclusive and equitable future for all genders in the STEM fields. Thank you for being part of this journey.

As the year comes to a close, we wish you a joyful and peaceful holiday season, filled with happiness and inspiration. We look forward to achieving even greater milestones together in the year ahead!

Stay connected with us for updates and more exciting news by following us on our socials LinkedIn, Facebook, Instagram and YouTube.