



STREAM IT



BREAKING BARRIERS:

**A RECAP OF THE POLAND NATIONAL
INSPIRATION HUB WEBINAR SERIES**



Co-funded by the
European Union



In early 2025, the **STREAM IT project** expanded its impact to Poland under the unifying theme: „*STREAM IT – Supporting learners, shaping the future.*” Organised by EIT Food CLC North-East, this National Inspiration Hub (NIH) webinar series served as a critical platform for educators, researchers, and academic leaders to dismantle the systemic barriers preventing girls and women from flourishing in STEAM.

By blending high-level research with grassroots teaching strategies, the Polish series aimed to transform how science and technology are taught from preschool to university, ensuring that every learner has the support needed to shape a better tomorrow. Here is the detailed summary of our journey.



STEAM Without Barriers:

The Foundation for Change

1st webinar: March 26th, 2025



The Hook:

A shift in teaching methods only begins when we stop asking if barriers exist for women in STEAM and start asking how we can dismantle them.

Experts:



Katalin Oborni
the STREAM IT coordinator

*"Effective education must be tailored:
we need to acknowledge the specific needs
of both girls and boys to create a truly
inclusive environment"*



Małgorzata Druciarek
EIT Food CLC NE

*"The most effective way to support women
is through formalised, institutional support
implemented at the highest levels."*



Key Takeaway:

Teachers are the primary „agents of change“. By training educators to see gender as a lens for learning and providing strong collaborative networks, we shift the culture from one of competition to one of mutual support.



Watch here: [YouTube](#)

Streaming girls and women
into STEAM education,
innovation and research



Women Who Inspire:

Science, Passion, and Entrepreneurship

2nd webinar: April 23rd, 2025



The Hook:

Women in STEAM are not just participants - they are catalysts for social and economic change.

Experts:



Antonia Georgieva
STREAM IT ambassador

*"Empathy is a secret weapon
in modern startups."*



dr Małgorzata Starowicz
Polish Academy of Sciences

*"Managing a research team while
also being a mother of three
children confirms the key role
of setting boundaries."*



Małgorzata Osiecka-Ciuhak
CEO of Bio Ice Cream Dots

*"Entrepreneurship is a skill
cultivated through persistence."*

Key Takeaway:

Science and business are not mutually exclusive. Women can bridge these worlds by leveraging life experiences – like motherhood or career shifts – which build invaluable competencies in time management and flexibility.



Watch here: [YouTube](#)

Empowering Girls:

Practical Strategies for Educators

3rd webinar: May 28th, 2025

The Hook:

By connecting both students and teachers to wider ecosystems, we can effectively redefine their professional trajectories.

Experts:



Laura Borge
EIT Food

"Girls Go STEM programme aimed at girls aged 14–19, offers a free online platform with modules on circular economy, digital technologies, artificial intelligence, and food safety. The platform also supports teachers with ready-made lesson plans, certificates for students, and access to a European educational network."



Katarzyna Woznicka
nutrition education expert

"FoodEducators programme provides teachers with ready-to-use lesson scenarios and resources on food systems, nutrition, and sustainability. This interdisciplinary programme offers hands-on activities to show students how science can solve real-world challenges."



Veronica Maria Lotrea
Girls Go STEM ambassador

"To feel the support and confidence of their teachers is crucial for students' development"

Key Takeaway:

You don't need a curriculum overhaul to make a big difference. There are plenty of external and free of charge initiatives, that enable both students and teachers to learn, network and grow. Integrating science into real-world contexts like sustainability helps girls see the immediate impact of STEAM on their world.



Watch here: [YouTube](#)

Equality Education:

Supporting Every Child's Talent

4th webinar: September 9th, 2025



The Hook:

Did you know that by age ten, girls are already more likely to doubt their own abilities than boys? There are invisible mechanisms of stereotypes, but educators can intervene early to ensure that talent isn't limited by gender.

Experts:



Inga Stelmach
IT Girls Foundation

*"Start with supportive communication.
Replace "typical for girls/boys"
with "everyone can try" – and respond
to stereotypes in class."*



dr Katarzyna Wolnicka
expert in dietetics and nutrition education

*"Teach critical thinking about health.
Debunk nutrition myths, analyze sources,
discuss the impact of environment
and lifestyle on health."*

Key Takeaway:

Equality is a practice, not just a value. Schools must actively dismantle the „*leadership for boys*“ vs. „*support for girls*“ narrative by introducing gender-neutral health and science resources.



Watch here: [YouTube](#)



Equality and Inspiration in STEAM Education:

Supporting Young Explorers of Science

5th webinar: October 23rd, 2025

The Hook:

„Learning by Doing” – really small changes in leading lessons followed by cosmic-scale projects can inspire down-to-earth skills.

Experts:



dr Waldemar Grabowski
educator

“It doesn't matter whether someone is a boy or a girl – what matters is that they know how to collaborate and are eager to grow.”



Marta Pietrow
teacher

“The teacher's role is to be a „guiding light” for experimentation. By using mixed-gender teams and collaborative tools, teachers can move students away from dry theory and toward a world where creative problem-solving is the core of scientific work.”

Key Takeaway:

Mistakes are an essential part of the learning process. They provide a space for dialogue, empathy and collaboration. Passionate teachers who embrace failure as a step toward growth create students who aren't afraid to tackle the complex challenges of the 21st century.

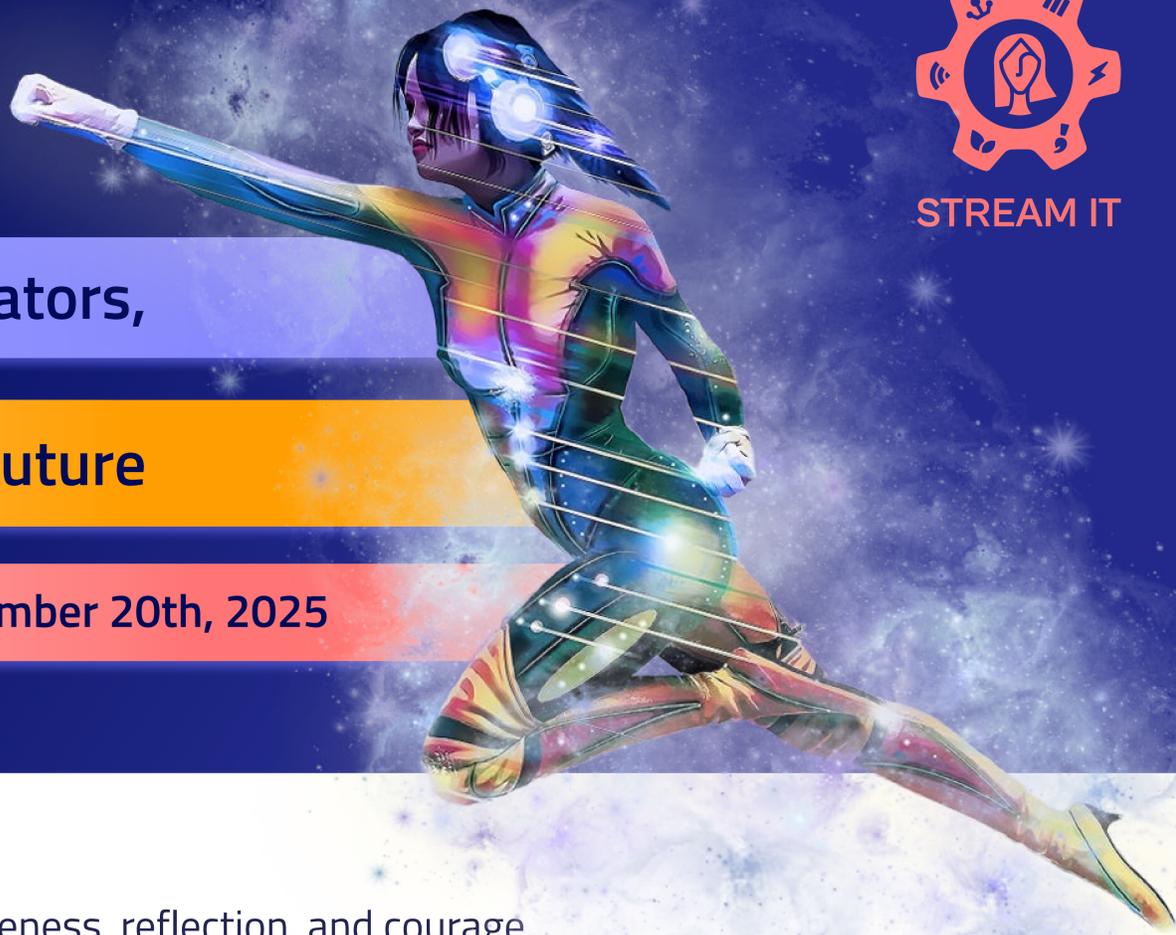


Watch here: [YouTube](#)

Supporting Educators,

Shaping the Future

6th webinar: November 20th, 2025



The Hook:

Equality-driven education requires awareness, reflection, and courage. Yet it does not need to be a grand revolution.

Experts:



dr Natalia Marciniak-Madejska
University lecturer

"The first step toward fostering equality is recognising that inequalities exist, even when we believe we are immune to them."



Inga Stelmach
IT Girls Foundation

"Show real role models. Invite experts, mentors, and people from diverse backgrounds."



dr Waldemar Grabowski
educator

"Even small team projects create a sense of belonging. Build a culture of cooperation, not competition."



dr Jędrzej Witkowski
President of the Center for Citizenship Education

"Change happens through „micro-actions” – from using gender-neutral language to ensuring girls have the psychological safety to fail and try again."

Key Takeaway:

The language we use shapes the world children imagine. Neutral, inclusive communication and „small revolutions” in daily teaching are the most powerful tools we have to build an equitable future.



Watch here: [YouTube](#)



Conclusion: A Community of Change



The Poland NIH webinar series has successfully demonstrated that when we support learners by dismantling barriers, we are effectively shaping the future of innovation. From foundational research to practical „*space-age*” classroom tools, we have built a roadmap for a more inclusive educational landscape in Poland.

The newly established National Inspiration Hub STEAM Poland is here to carry this mission forward. We invite all educators, researchers, and policy-makers to join the movement – because when we remove the barriers, there is no limit to what our students can achieve.



EIT Food blog posts



- [STEAM bez barier: podsumowanie inauguracyjnego webinaru STREAM IT w Polsce](#)
- [Kobiety, które inspirują: Nauka, pasja i przedsiębiorczość – podsumowanie drugiego webinaru STREAM IT w Polsce](#)
- [Nauki ścisłe z kobiecej perspektywy – jak wspierać dziewczęta w rozwoju kompetencji STEAM?](#)
- [Edukacja bez schematów: jak przełamywać stereotypy w STEAM i mądrze uczyć o zdrowiu](#)
- [Równość i inspiracja w edukacji STEAM](#)
- [Równościowa edukacja w praktyce: jak tworzyć szkołę przyszłości?](#)



STREAM IT project



Despite efforts to promote gender equality in STEAM, women in Europe are still significantly underrepresented in many scientific and artistic fields. The STREAM IT project, funded under the Horizon Europe program, aims to initiate change in this area and support equality in education, research, and innovation in STEAM by empowering underrepresented groups, promoting inclusive career paths, and supporting educational institutions by sharing knowledge and building their capacity to break down gender barriers in STEAM (science, technology, engineering, arts, mathematics).

Learn more about the [STREAM IT](#) project and explore available resources for STEAM educators.



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