



INFORMATIONAL PACK FOR WOMEN & GIRLS

SENSE.STEAM



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LET'S IMAGINE A MORE INCLUSIVE AND EQUITABLE EDUCATIONAL LANDSCAPE!

A Europe ready to face the many challenges of our times needs more young people to pursue careers in science-related sectors.



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Research shows that interest in scientific subjects decreases with age, particularly among girls and young women.

In 2023, the gender gap in STEM remains significant, with women making up only 28% of the STEM workforce. This gender gap is even more evident when it comes to access to decision making positions in crucial sectors such as energy, digitalization and environment. Gender equality leads to better outcomes in business, society and politics. The prevalence of gender stereotypes and the absence of female role models are only part of the explanation, as the reasons for this lack of interest in science are complex and multifaceted.

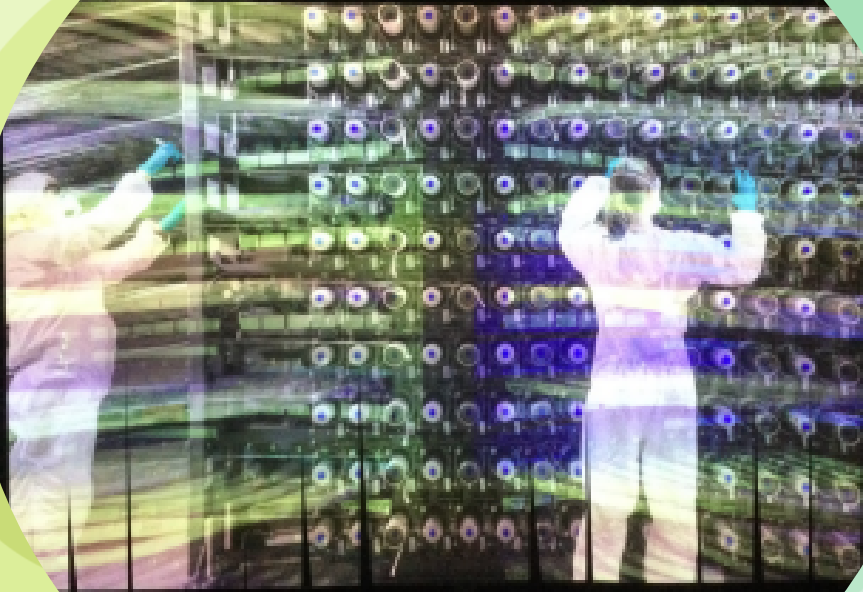
Scientific literacy for all European citizens, especially girls and women, is a critical priority. In this context, it is essential to create frameworks to develop new strategies and approaches.



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Join us in reshaping STEAM education by actively amplifying the participation of individuals (especially women and girls) through process-based, art-infused science educational methodologies.



[Read more about the SENSE.STEAM manifesto](#) □



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See how can the SENSE. project benefit you

ALONG THE 3 YEARS OF IMPLEMENTATION, SENSE. WILL CREATE TOOLS TO

Evaluate and structure practices, frameworks, and feedback methods that follow an interdisciplinary approach to STEAM. education

Create a user-friendly learning companion with demonstrations and a comprehensive user guide that will enhance your journey into the field of STEAM education.

Develop proven strategies tailored to various stakeholders that will illustrate how to create awareness, take initiative, and advocate for STEAM education within your communities.



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About SENSE. STEAM project: THE NEW EUROPEAN ROADMAP TO STEAM EDUCATION

SENSE. is funded by Horizon Europe, the European Union's research and innovation programme, comprising 17 members representing 14 European countries.

Members consist of formal and informal education institutions, research, businesses, policymakers and NGOs. Our partners specialize in areas including sustainability, gender sensitivity, digitization, health, work readiness, and arts and design.

[Read more about our consortium](#) □



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The aim & objectives of SENSE.STEAM project

The aim of this project is to support tomorrow's teachers, educators and learners by putting forward an art-integrative science education, grounded into a sensory and participatory approach to STEAM education.

More precisely, the objectives are to:

- Create the praxis informed SENSE.STEAM educational model and pedagogy
- Establish the requirements for practical implementation of the SENSE.STEAM education model across Europe
- Transform current STEAM educational practises by mainstreaming social inclusion and spatial design as Cross-cutting issues
- Consolidate and disseminate findings into a Roadmap for Science Education

[Read more about our practices](#) □



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How can I be involved?

At the heart of the SENSE. project lie 13 STEAM activity labs established across 12 countries. each lab is assigned to a cluster associated with one of the four EU thematic areas: European Green Deal, digitization, health, and work-readiness.

These STEAM Labs will be connected via a digital hub and together will form the STEAM Academy. This will be the backbone of a growing, open community of STEAM beneficiaries. Furthermore, two of these labs will grow further as two living STEAM academies through the real-world implementation of the new STEAM education roadmap for Europe developed throughout the project.

READ MORE ABOUT IT [HERE](#) OR YOU CAN
CONTACT US AT HVL-SENSE@HVL.NO.



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**Become part of our journey to make
scientific learning accessible and
meaningful for everyone.**

**Together we can build a lifelong love
for exploration to make SENSE. of the
word around us.**



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Learn more about us!

Helpful resources

- ABOUT SENSE.STEAM: [HTTPS://SENSE-STEAM.EU/](https://sense-steam.eu/)
- ABOUT POLICY RECOMMENDATIONS: [HTTPS://SENSE-STEAM.EU/POLICY-RECOMMENDATIONS/](https://sense-steam.eu/policy-recommendations/)
- OUR PUBLICATIONS: [HTTPS://SENSE-STEAM.EU/PUBLICATIONS/](https://sense-steam.eu/publications/)
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