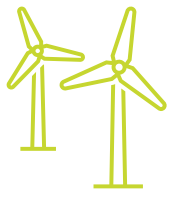


“Our vision is to be a lighthouse for STEM teacher education and training in Europe. We are driven by our values: teamwork, open-minded world view, reflection, responsibility and excellence.”



AIMS

Investing in the development of a high-quality STEM teacher workforce.

Fostering the creation of European partnerships among teacher education and training providers.

Reducing the number of low performing STEM learners.



APPROACH

Offering a wide range of activity formats for professional development jointly organized by all project partners

- Job-shadowing
- Workshop Series
- Summer Schools

Enriching European perspectives on STEM education, supported by a distinct spotlight on learning about, from and for each other.

Promote the European dimension and increase mobility and collaboration in STEM teacher education and training.



COOPERATION AT VARIOUS LEVELS

1. WITHIN THE CONSORTIUM

THE PROJECT TEAM: a collaboration of thirteen European countries includes 13 higher education institutes, 65 schools, 13 policy-making organizations – **all relevant actors are involved!**



Consortium



Schools



Higher Education Institutions



Policy



CONTACT US!

Would you like to know more about ICSE Academy activities?

Coordinator/Project office:



icse@ph-freiburg.de



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2. POLICY AND RESEARCH

POLICY RECOMMENDATIONS:

Policy Round Tables with participants from policy, higher education institutions and schools join discussions on the future of STEM education and its challenges

<https://icse.eu/icse-academy/policy-research/>

RESEARCH CASE STUDIES:

Innovative teaching approaches such as inquiry-based learning, connections to real-life contexts, interdisciplinarity or to diversity in classrooms

Development, implementation and evaluation of feasible and impactful professional development concepts

Research on concepts to scale up teacher professional development, also taking into account systemic barriers

Design of in situ-evaluation and refinement of high-quality classroom materials and professional development materials



3. ON THREE GEOGRAPHICAL LEVELS

LOCAL: Workshops for pre- and in-service teachers create partnerships with community members to jointly develop high-quality STEM education.

REGIONAL Summer Schools and Job-shadowing activities connect teachers and higher-education institutions within a region.

EUROPEAN-WIDE: The ETE conference in Cyprus (08-09 May 2025) unites policy makers, higher education institutions and teachers to discuss 21st century challenges in STEM education.

<https://educating-the-educators.icse.eu/>



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