

## Erasmus Project+ KA2: An integrated approach to STEM teacher training



<https://stem-project.org/>

Realization of a widescale project of the Erasmus+ “Integrated approach to STEM teacher training” program participated by four European Union countries, Russian Federation and Kazakhstan Republic started in 2019. The project goal is increasing the quality of STEM teachers training in partner universities according to modern economy and science requirements. An idea of the project, undoubtedly, can be considered as a prioritized one within the higher education systems over the world. Consortium includes 10 full-fledged members and 5 associate partners.

The first coordination meeting with partners took place in Sweden, on March 18-21 2019. During the meeting, partnership agreement was discussed and following realization policies were developed: communication strategy, distribution strategy, exploitation plan and sustainability plan. Along with the coordination meeting, a methodological workshop that introduced current European STEM-education development trends was held. Linköping University (LiU) has Swedish National Centre for Educational Technology, Interoperability & Standards (CETIS), which purpose is developing of technological education in schools collaborated with teachers and industry representatives. Hacettepe University (HU) in Turkey is greatly experienced with developing of STEM educational programs, teacher training without interruption from their work and public involvement in STEM for improving the education quality. University of Limerick (UL) in Ireland holds National Center for STEM education – EpiStem – which possesses a researching base, impressive set of programs, projects, and a solid foundation for implementing medium- and long-term strategies to address national priorities in STEM education as well. University of Helsinki(UH) in Finland has functioning LUMA center which maintains STEM education and provides integrative interaction between schools, universities and business.





Project members

**Project coordinators:** Linköping University (Sweden)

***Partners***

**Europe:** University of Helsinki (Finland), University of Limerick (Ireland), Hacettepe University (Turkey)

**Russian Federation:** Southern Federal University, Belgorod State University, Baltic Federal University named after. Immanuel Kant

**Kazakhstan Republic:** Eurasian National University named after. L.N. Gumilyov, South Kazakhstan State University named after M. Auezov, East Kazakhstan State University named after. S. Amanzholova

**Project partners:**

- University of Limerick, IR  
Web: <http://www.ul.ie>
- Hacettepe University, TR  
Web: <https://www.hacettepe.edu.tr>
- University of Helsinki, FL  
Web: <https://www.helsinki.fi/en>
- Belgorod State National Research University, RU  
Web: <https://www.bsu.edu.ru>
- Southern Federal University, RU  
Web: <https://www.sfedu.ru>
- Immanuel Kant Baltic Federal University, RU  
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