



PARTNER



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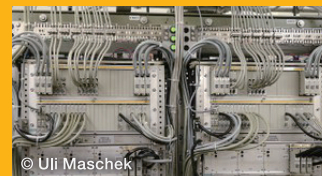


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ERASMUS+ EEIHSR

ECONOMY, ECOLOGY AND INFRASTRUCTURE AT HIGH-SPEED RAILWAYS (EEIHSR)



PARTNERS LIST

- Technische Universität Dresden (TUD)
- Emperor Alexander I St. Petersburg State Transport University (PGUPS)
- Ural State University of Railway Transport (USURT)
- Far Eastern State Transport University (FESTU)
- M. Auezov South Kazakhstan University (SKU)
- Academy of Logistics and Transport (ALT)
- L. N. Gumilyov Eurasian National University (ENU)
- University of Economics in Katowice (UEK)
- Universidad Politécnica de Madrid (UPM)

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Railway transport is a means of conveyance of passengers and goods. Due to a significant increase in traffic volume and a long-lasting demand for the economic development of regional agglomerations, along with the interest in reduction of travel time and stimulating population mobility, construction of efficient high-speed rail lines is considered as a priority for all countries seeking full participation in the world economy. For Russian and Kazakh governments high-speed rail has become increasingly important.

OUR AIMS



The Erasmus+ Project Economy, Ecology and Infrastructure at High-Speed Railways (EEIHSR) aims at fostering a knowledge transfer in railway engineering, with emphasis high-speed railway and gaining additional expertise in this field by the participating Kazakh and Russian universities.



PROJECT EEIHSR FOCUS



Set up dual degree master programme EEIHSR

The master programme will be started firstly on one university in Russia (PGUPS) and Kazakhstan (ALT). The bilingual dual degree master programme EEIHSR consists of four semesters and is designed to meet the criteria of the Bologna System. It is derived from the experience and knowledge exchange between Russian, Kazakhstan and European universities (TUD, UEK, UPM). The teaching modules and contents will be delivered to the students by balancing theory and practice. This will include sessions in technical laboratories, technical excursions and specialist presentations/colloquia.



Improvement of teaching content in partner universities

The teaching contents of master programme are exploited widely by integrated into the existing curricula of other Russian (USURT, FESTU) and Kazakh universities (SKU, ENU). It is expected that the outcome and experience of the proposed project will be the establishment of the master programme EEIHSR at USURT, FESTU, ENU and SKU.



Qualification upgrade course

Based on the knowledge framework of master programme EEIHSR, combined with the needs and interests of each company, HSR-related qualification upgrade course will be developed and be put into practice for the companies in Russia, Kazakhstan and Germany. The courses provides an opportunity for the staff to further their knowledge without short-term interruptions, which contributes to the competence improvement of the companies in general as well as that of the staff in particular.



Book EEIHSR

The dissemination of the knowledge will be achieved by composing a book on the topic of EEIHSR. Over 50 researchers and experts from all partners are involved in writing this book. The book is expected to be completed and published by the end of 2022.