

ESEE Education Initiative

Title of the project: ESEE Education (ESEE Education Initiative)



Duration of the project: throughout 2019

Project leader: EIT RawMaterials CLC East Sp. z o.o. (CLCE)

Project partners:

AGH University of Science and Technology

Consiglio Nazionale delle Ricerche (CNR)

ECODOM

Montanuniversität Leoben

National Technical University of Athens – NTUA

Technical University of Košice

Technische Universität Bergakademie Freiberg (TUBAF)

University of Miskolc

University of Zagreb – Faculty of Mining, Geology and Petroleum Engineering (UNIZG-RGNF)

Web page:

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Project description:

EIT RawMaterials has designed and deployed its RIS (Regional Innovation Scheme) Strategy with the aims at extending the geographical reach to those countries where it is not yet present by establishing fruitful partnerships and sharing of knowledge, best practice and innovative technologies with the respective ecosystems. Based on this strategy and the initial country gap analysis, EIT RawMaterials has clustered the EIT RIS-eligible countries into five (slightly



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overlapping) groups with Eastern and South-Eastern European (ESEE) region (covering Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Greece, Hungary, Kosovo, Macedonia, Montenegro, Romania, Serbia, Slovakia and Slovenia) among them. From its very beginning, educational activities have been a major concern of the EIT, since its basic assumption is that human capital development is essential to fostering growth and creating jobs. Therefore, ESEE Education strategy has been created that focuses on education and capacity building in the ESEE region. The implementation of this strategy uses the piloting instrument called ESEE Education Initiative where this program covers all countries in the ESEE region in terms of involving organizations or individuals (students, teachers, faculty members) from the region through several activities.

Project objective and scope:

Objective of this educational activity is to contribute to KTI (Knowledge Triangle Integration) in general and to strengthen HEI (higher education institutions) - business cooperation in particular, to foster challenge-driven innovation and to build long-term, sustainable links between education and entrepreneurship in the ESEE region. This project integrates education, business, wider society and any other potential innovation stakeholder through developing and deploying innovative pilot programs lead by local universities in the RIS region. It shall involve local industry and SMEs and transfer best practices to the region from other KICs or regions of Europe. The overall goal is to establish a system of programs that could close the gaps in terms of educational excellence in EIT RIS-eligible countries and regions, as well as initiate knowledge transfer from KIC members to non-EIT RIS-eligible countries and increase visibility of and awareness about the EIT, EIT RawMaterials and the EIT RIS strategy, objectives, activities and results in EIT RIS-eligible countries and regions.

Project activities:

The main project programs are:

➤ **RM@Schools for ESEE region**

RM@Schools' objective is to propose the concept of active learning to schools by involving students in experiments with RM-related hands-on educational kits and in communication activities. All students will be introduced into the RM topics by RM Ambassadors (experts from the consortium). Students aged 14 to 19 will be asked to become "Young Raw Materials Ambassadors" themselves and create dissemination products focused on RM by using two idioms, their native and English language.

➤ **ESEE RACE program for ESEE region**

RACE originally is a learning journey for industrial R&D professionals organized by EIT RawMaterials and hosted by its industrial partners. The RACE curriculum will comprise a mix of lectures from leading experts on the rapid developments in digitalization and circular economy business model development. The goal of this pilot program is to establish the methodology of a 2-weeks travelling summer school where students and lecturers are visiting real life locations of raw material value chain specific to the host



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country, while during the trip they have been trained and introduced into entrepreneur knowledge and skills by coaching workshops, meeting with EIT RawMaterials Alumni representatives and entrepreneurs.



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