

## Creating aligned studies in Resource Efficiency (Crea-RE)

Programme Priority: P4 Skilled and socially inclusive region

Programme Specific Objective: 4.2. More aligned vocational education and training (VET) programmes in the Central Baltic region

Sub-programme: Central Baltic

Duration: 01.03.2018 - 30.11.2020

Total funding: 414.133 EUR

ERDF funding: 319.940 EUR ERDF

Project Summary:

Crea-RE aligns and produces contents on resource-efficiency to be used in environmental vocational education and training programmes (VET) in a partnership consisting of: Lahti University of Applied Sciences (FI), the University of Gävle (SWE) and the University of Latvia (LV).

The project aims at aligning and producing learning content to be used in higher environmental VET studies; 2) Producing a channel to share aligned materials; 3) Implementing joint innovative cooperation between companies and higher VET to ensure better matching work opportunities of sustainable business. The activities enable the creation of the holistic view of students and companies in the theme of resource efficiency and circular economy. Working with resource efficiency requires international cooperation due to needed holistic perspective. The joint learning materials developed in the project bring required perspective and improve VET in CB area. All partners bring their own expertise to the activities.

The main project result will be the creation of an aligned curricula content, on "Resource efficiency and circular economy" and it will be implemented in 3 higher VET institutions in the CB region. The result is achieved through the creation of 10 ETCS of aligned curricula content, an E-learning web portal to share the aligned curricula content and 12 practical case studies for companies in international student groups.

## Map of Partners

### Partners

Lead Partner

**Lab-ammattikorkeakoulu Oy**

Country: FI

[www.lab.fi](http://www.lab.fi) [1]

**Partner budget:** 170.433 EUR

**Amount of ERDF funding:** 127.825 EUR ERDF

Project Partners

## **Högskolan i Gävle**

**Country:** SE

[www.hig.se](http://www.hig.se) [2]

**Partner budget:** 150.300 EUR

**Amount of ERDF funding:** 112.725 EUR ERDF

## **Latvijas Universitāte**

**Country:** LV

[www.lu.lv](http://www.lu.lv) [3]

**Partner budget:** 93.400 EUR

**Amount of ERDF funding:** 79.390 EUR ERDF

## **Results**

### **Expected results**

### **Achieved results**

Project result in category - Aligned vocational education and training programme

## **Project Crea-RE created aligned studies in resource efficiency and circular economy**

As the main result of the project, 10 ECTS of curricula content, learning package "Resource efficiency and circular economy" was created and aligned. The content is implemented in three higher VET institutions: Lab University of Applied Sciences in Finland, University of Gävle in Sweden and University of Latvia.

Project developed online learning materials for the course in amount of 12-20 ECTS. Learning materials are in the form of Power Point presentations, videos, electronic student tasks or course literature in electronic forms. The learning materials are placed on study environment [LAB MOOC](#) [4] where they are freely available for students and teachers.

The project brought benefit to students through the production and testing of joint learning materials and thereby, supported integration of the CB labor market. The mode of operation in the project, especially case studies, provided the opportunity to improve the understanding of resource efficiency and circular economy from a wider perspective. For better employability in the future, also experiences on intercultural working, different cultures and languages and ICT skills are needed and these competences were improved throughout this project.

The transnational value in working with different methods gave the companies new ideas not only from students with fresh ideas, but also from students from foreign cultures and different perspectives. This kind of multicultural way of acting was beneficial especially when the information was shared, and new ideas were innovated.

As an additional value, the Russian partner ITMO university was able to participate in the project with funding from the Swedish Institute (Crea-RE-RU). This gave the project an opportunity to produce more learning materials, visit Russia and to do 4 additional case studies.

More information about the project can be found on project webpage from [here](#) [5].

Project page in database

[Creating aligned studies in Resource Efficiency](#) [6]

At a glance

- 10 ECTS of curricula content
- 12-20 ECTS online learning materials
- Implemented in three higher VET universities in FIN, SWE and LAT
- 12 practical case studies for companies

Files



[10 ECTS curricula content - Crea-RE](#) [7]

Tags

[Energy efficiency](#) [8]

[?Education and training](#) [9]

## Project Visibility

### Social media links

[Webpage](#) [5]

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#### Links

[1] <http://www.lab.fi> [2] <http://www.hig.se> [3] <http://www.lu.lv> [4] <https://mooc.lab.fi/> [5] <https://creareproject.wordpress.com/> [6] <https://database.centralbaltic.eu/project/85> [7] <https://database.centralbaltic.eu/sites/default/files/CB642%20Crea-RE%20%20curricula%20content-10ECTS%20201216.pdf> [8] <https://database.centralbaltic.eu/tags/energy-efficiency> [9] <https://database.centralbaltic.eu/tags/%E2%80%8Beducation-and-training>