

**EDUBALT ESD REGIONAL ESD COURSE FOR HIGHER EDUCATION  
CHANGE PROJECT INFORMATION**

<b>Change project title:</b> Developing of course “Environmental Education for Sustainable Development for Teacher”
<b>Project leader(s) (EduBalt participants):</b> Jazeps Logins
<b>Project participants (EduBalt ):</b> Rita Birziņa, Inese Dudareva
<b>Other project participants (not involved in EduBalt project):</b> Gunta Kalvāne, Līva Lāce
<b>Name of the EduBalt mentor/collaborator:</b> Rea Raus
<b>Aim of the project:</b> The aim of the project is to develop on transformative pedagogies and 21st century skills based course for teachers education program, where students acquired knowledge about critical issues of environmental education in context of ESD and ability to teach about that in the classroom.
<b>Target audience:</b> <ul style="list-style-type: none"><li>- In the short term, during the development of course und during the early years of implementation – participants of the EduBalt project group, students of teacher educational programme;</li><li>- In the long term, also school students and other interested teachers.</li></ul>
<b>Expected outcomes:</b> <ul style="list-style-type: none"><li>● Participants of project group will be trained:<ul style="list-style-type: none"><li>○ to understand concepts of ESD and</li><li>○ to integrate <i>environmental education for sustainable development</i> in their pedagogical work.</li></ul></li><li>● The course for teacher education programme will be developed, which integrates the basic concepts of sustainable education. Students will be able:<ul style="list-style-type: none"><li>○ to understand environmental and sustainable development problems and issues;</li><li>○ understand the role of direct experience in nature and mindfulness as essential aspects of environmental education;</li><li>○ to develop and carry out teaching/learning activities for implementation <b>OF</b> key competencies essential for sustainable development;</li><li>○ to share gained experience and support students in their experience, also to diversify own teaching methodology;</li><li>○ to assess individual progress during the course and the students progress in the classroom.</li></ul></li><li>● It will be created a database with educational materials for teachers, that can be used in lessons at school. It will be involved in the creation of it the university students and teachers.</li></ul>
<b>Significance for the involved institutions (universities):</b> <b>Teachers, involved</b> in the project will be trained in the basic principles of ESD and are able to implement them in their work. Educators will have gained experience of cooperation in the development of new courses.
<b>Which sustainable development goals are tackled by the project?</b> Developing competencies that empower individuals to reflect on their own actions, taking into account their current and future social, cultural, economic and environmental impacts, from a local and a global perspective. Teachers will develop for their students such competences as systems thinking, future thinking, values thinking, strategic thinking, collaboration, critical thinking, personal competence, and Integrated problem-solving competence.
<b>Short description of the project:</b> It will be developed 4.5 ECDS course for teachers program's students. Students will learn the integrated

view on environmental problems and issues (science subjects, social, economical aspects) and how to teach a critical environmental challenges of sustainable development principles in the school. The students will develop deeper connection with nature in practical activities. During the implementation phase teachers and students will create database of environmental education resources that helps teachers to successfully realize education for sustainable development in school.

### Implementation plan

Activities	Time	Responsible persons
Identify of teaching/ learning resources for environmental education	April - May	Jāzeps Logins, Inese Dudareva, Rita Birziņa
Identify teaching/learning methods useful for developing essential skills for the 21 <sup>st</sup> century learner	April – May	Jāzeps Logins, Inese Dudareva, Rita Birziņa
Developing of course concept (issues, outcomes, resources, results collection)	April – May	Jazeps Logins
Developing course description (workshop)	25. June	Jāzeps Logins
Developing of integrated course content and activities (individual, discussion); developing of integrated course content (6 – issues: clean energy, biodiversity, air pollution, water pollution, health and environment, climate change, waste ) and activities each participant two environmental problems/issues	June - August	Jāzeps Logins, Inese Dudareva, Rita Birziņa
Developing of activities to deepen understanding of nature (flow learning, mindfulness)	June	Jāzeps Logins
Sharing with similar EduBalt projects	Augusts	Jāzeps Logins
Approbation and assessment of course activities	From September	Jāzeps Logins, Inese Dudareva, Rita Birziņa
Develop of the first results report	October	Jāzeps Logins, Inese Dudareva, Rita Birziņa