

## TFK programme, funded projects 2024

<p><b>Project title:</b> Co-creation and implementation on curriculum development for promotion of nature-based solutions in Lower Mekong Basin (LMB) higher education</p>	
<p><b>Coordinator</b></p> <p>Helsingin Yliopisto</p> <p>Maija Aksela, luma-keskus@helsinki.fi</p>	<p>Nature-based Solutions (NBS) become increasingly important for dealing with climate change, environmental problems, and natural disasters. This highlights the need for combining knowledge from different fields such as nature, ecology, and society. Education is important for taking care of the environment as it helps people understand and change their behavior, especially as we try to recover economically, deal with biodiversity loss, and face climate challenges. The project's overarching goals are to contribute to education, skills development, and awareness raising about biodiversity loss and how this can be addressed, notably with NBS, in the higher education sector. This collaboration aims to find pedagogical solutions together for promoting sustainability in education, through the development and implementation of multi-educational activities between the University of Helsinki (UH) and Nakhon Phanom University (NPU). The project's key objectives include designing a joint series of activities about NBS solutions for sustainable implications with case studies from the global north and south. Thus, the project is of high value for current and future students in Finland and the Lower Mekong Basin (LMB).</p>
<p><b>Partners</b></p> <p>Nakhon Phanom University</p>	<p>Project activities and anticipated results include;</p> <ul style="list-style-type: none"> <li>• Collaboratively co-design models for NBS implementing curricula for pre-service teacher education at the universities and in-service teacher education.</li> <li>• Creating educational materials and resources that can be used to support the teaching of STEM subjects in a nature-based context, and co-create reusable teaching and learning materials in line with student industry needs.</li> <li>• Develop learning scenarios, formal and informal education activities, and training programs for pre-service teachers/in-service teachers to mainstream biodiversity and NBS in HEI education, adaptable, freely available in European and local language, to be used inside and outside (remote learning, classroom, in/with nature, outdoors).</li> <li>• Production of a joint series of online lectures and packaging them into the form of seminars/mini symposiums or workshops as part of teaching and after the project.</li> <li>• Piloting an intensive course where transdisciplinary and transnational students' teams work to carry out pedagogically embedded assignments where they apply their sustainability knowledge into practice. The course includes short mobilities in the target country.</li> </ul>

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|  | <ul style="list-style-type: none"><li>•Organize a joint summer school as well as staff exchange for the preparation of the summer school and the creation of new research and teaching collaboration. Co-teaching and two-way mobility for the key staff members of HEI involved in the project are organized during the project.</li><li>•Making a road map for future collaboration after careful evaluation of this pilot project. The long-term strategic plan is to expand collaboration from a pilot course by incorporating it into a joint/double master's degree program and/or other professional training program.</li></ul> |
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