

TFK programme, funded projects 2022

<p>Project title: Fostering green transition through mobility and effective communication between Finnish and Chilean HEIs</p>	
<p>Coordinator</p> <p>Itä-Suomen yliopisto</p> <p>Piritta piritta.torssonen@uef.fi</p>	<p>Transition to a circular and sustainable bioeconomy, biosystems perspective, and biodiversity are critical to attaining the ambitious targets and lines of action set by the Paris agreement, United Nations Sustainable Development goals, and the European Union’s Green Deal. In Latin America, embracing the bioeconomy approach has implied targeting the re-shaping of agriculture and forestry to include the biodiversity resource valorization in medicine; the eco-intensification of agriculture; biotechnology applications in mature sectors such as mining, food and winery, the bio-refineries world, and the ecosystem services. However, still, a sustainable and competitive bioeconomy has not been achieved due to the lack of a regulatory framework; coordination of technical and technological potential, market entry constraints, especially for bioeconomy-related small businesses, and the scarcity of resources to promote the creation of innovative business enterprises.</p> <p>The collaboration between the Finnish and Chilean started in the spring of 2020 and consolidated with the signing of a MoU. Since then, the participating institutions have been proactively and successfully collaborating. Among the outcomes are the co-creation of a high-quality webinar with the participation of different stakeholders amongst students, academics, companies, ministries, and the Embassy of Finland in Chile; developing an intensive open course on “sustainable solutions for circular bio-based world” with the participation of students from five continents, and through seminars held online by each institution to find mutual interests and opportunities in education and research.</p>
<p>Partners</p> <p>Universidad Católica del Maule, Universidad de Concepción, Universidad de Talca, Universidad Austral de Chile, Savonia University of Applied Sciences, Karelia University of Applied Sciences, University of Eastern Finland,</p>	<p>The project aims to consolidate the collaboration between seven higher education institutions (hereon HEIs), seeking excellence and innovation in education in the field of sustainable and circular bioeconomy. The project is built on mutual learning focusing on staff mobility, curriculum development, and broader stakeholder engagement establishing the seedlings to facilitate working life cooperation. We think agro and forestry biosystems require a new educational approach. We want to participate in that education and generate professionals with a conviction of sustainability, where the bioeconomy is a proper option in production and consumption.</p> <p>The activities have been carefully planned and divided into two mobility packages and a virtual package</p> <p>-Mobility package 1: Building strong relations and foreseeing opportunities for students and staff:</p> <p>Short term staff mobility from Chile to Finland, Curriculum innovations & working life opportunities</p>

	<ul style="list-style-type: none">-Mobility package 2: Student-centered curricula and research development in bioeconomyShort term staff exchange from Finland to ChileJoint RDI projects & working life opportunities-Virtual package: Mapping and developing universities' educational portfolio and effective communication in bioeconomyCurriculum developmentBioeconomy webinars series
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