

Register for the course by  
20.1.2021

<http://tinyurl.com/wellbeingforest>



# WELLBEING from the forests

Collaborative problem solving in multidisciplinary networks is a novel opportunity to learn and solve problems in multidisciplinary teams. The context of the course is forest bioeconomy and the theme is wellbeing. The course is suitable for students from all disciplines. It is conducted online.

- Choose and define a current challenge related to forest bioeconomy and develop a solution proposal (product, process, service, operating model, etc)
- Learn how to find solutions and develop your creative problem solving skills
- Create your own network of experts
- Develop your multiprofessional working life skills
- Acquire 5 ECTS

COLLABORATIVE PROBLEM SOLVING IN  
MULTIDISCIPLINARY NETWORKS  
5 ECTS

Online course 25.1.–30.4.2021

# COLLABORATIVE PROBLEM SOLVING IN MULTIDISCIPLINARY NETWORKS

**Online course: 25.1.-30.4.2021**

**Credits: 5 ECTS**

**Learning objectives:** After completing the course, you are able to utilise multidisciplinary expert networks, creative thinking and various technologies for problem solving in forest bioeconomy topics. You understand the multidisciplinary nature of forest bioeconomy and its significance from the perspectives of, for example, welfare, tourism, legislation, education and regional economics. You are familiar with the concepts and principles of forest bioeconomy.

**Contents:** During the course, multidisciplinary student teams define a current challenge related to forest bioeconomy and develop a solution proposal (product, process, service, operating model, etc.) in cooperation with working life experts. During the course, you will practise your multidisciplinary problem solving skills and a developing way of working, while utilising experts, research data and various technologies to formulate the solution. Student team solutions are shared in an e-learning environment. The implementation of the course utilises and supports the use of technologies that promote interactivity and time and place independence.

**Methods of execution:** The design and solution of the development challenge is paved with expert lectures, online materials and learning assignments. Your teams receive sparring from researchers, entrepreneurs and developers in various fields to support their work. Collaboration with students and mentors in various fields creates the conditions for multidisciplinary networking and innovation activities now and in the future. The course has 3–4 joint online meetings.

The course is implemented as an online course.

The course starts on 25.1.2021 and its first part consists of pre-assignments that are performed independently. The design and solution of the development challenge is implemented in teams in a manner agreed together within the team. The work is mainly done online, but the instructors will assist you on an agreed schedule during the course. Return of the last assignment by 15.4.2021. After returning the last assignment, each team still meets for a joint online reflection discussion led by the teacher. A joint closing session will be held at the end of April. Independent work and familiarizing with online materials 50 h, online group work 85 h, of which guided online group work max 10 h.

**Study material: DigiCampus.fi**

**Course evaluation:** 1–5. The evaluation of the course is based on the approved completion of the course assignments, peer and expert evaluation of the digitally presented solution and participation in joint online meetings. The solution will be evaluated as follows: formulation of the future challenge, novelty value of the idea, suitability of the idea for its purpose/target group, justification of the idea with research data and presentation of the idea.

**Lecturers:**

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**Implementing universities:** Karelia University of Applied Sciences, University of Eastern Finland, University of Lapland and South-Eastern Finland University of Applied Sciences (XAMK)

**Additional information:** The teaching language is English. The course is part of the DigiCampus project and registration is also considered as consent to participate in the research carried out in the project. Assignments, online discussions and other material produced during the course can be used as research material. The identities of the participants cannot be identified from the research reports.

**What is forest bioeconomy?** It is green bioeconomy. It means sustainable use of forests for food, energy, products and services. Forests are one of the most important renewable natural resources of Finland.

**What is wellbeing?** Wellbeing comprises standard of living and quality of life at the individual, society and national level.