

Course	Carbon footprint of wood products
Location	LAB University of Applied Sciences, Lahti Finland Tallinn University of Technology, Tallinn, Estonia
Department / Program	Virtual Wood University
Semester	Online course
Type	Voluntary
ECTS Credits	2
Workload	60 total hours
Time of Exam(s)	End of course or during the course
Kind and duration of Exam(s) / Assignment(s)	Open book exam by the end of each study module
Grading	Achieving 50% will result in pass
Learning Methods	This module consists of seminar-style learning, readings, lectures, tutoring sessions, independent study, video lectures (Youtube) and discussions in Learning Management System (Mooc).
Prerequisite(s)	Basic knowledge in wood technology is helpful, but not necessary.
Successive Course	-
Learning Outcomes	As a result of this course, the students should be familiar with: <ul style="list-style-type: none"> - Terms Carbon footprint and carbon storage and their application to wood products - The role of wood material in environmental questions - Current status of Estonian and Finnish forests and their industry - Term Life Cycle analysis and basic principles of its application - Meaning of Environmental Product Declaration and why it is needed - Basic principles of carbon footprint calculation
Readings	Online reading material is provided at the course
Summary of Content	The lesson plan includes: <ul style="list-style-type: none"> - Introduction to carbon footprint and why it is important to reduce it - Carbon footprint characteristic to wooden products - Overall introduction to Estonian and Finnish forests and forest industry - Environmental product declaration - Carbon calculation principles - Discussion of relevant topics regarding the course