

A.T3.1 Development of a target group tailored

concept and materials for training

Training concept (D.T3.1.2)

Introduction – Purpose of the document

This document is aimed to provide the framework for the capacity building and training activities related to the promotion of Low Carbon Timber in Alpine Space regions. The concept aims to facilitate the reduction in the gap of knowledge that limitates the use of timber from short supply chains, facing the problems linked with the evaluation of environmental aspects of wood, its certification and the use and promotion of Low Carbon Timber through public procurement. The training concept also wants to create a common understanding and increase the awareness level of all the actors belonging to the value chain of timber products, not only facilitating the same level of knowledge but also stimulating a “common language” between them. The different identified target groups (companies of the wood sector, professionals, public authorities and general public acting with the same objectives) need to receive different information, but with the common aim to facilitate the matching between offer and demand. This will lead to the growth of the market for really sustainable timber products, with clear advantages both for regional economies and environmental protection.

The training concept provides:

- The structure of the training contents, splitting the training modules between general ones and specific ones for specific target groups
- A proposal of training modes, developed from the former experience of the partners and their analysis of regional stakeholders

Identified needs of the target groups

The develop training concept takes care of the specific capacity building needs identified through the contacts with the stakeholders representing each target group.

In particular, the following main barriers and priorities have been considered:

- Both public and private markets show a growing interest for environmental aspects of products. It's necessary to give tools to public procurers and general public to understand the “real” and effective environmental value of the timber products, overcoming the only idea of wood as an “ecological” material
- Both professional and timber processing companies need accessible tools to measure and prove the environmental benefits of timber products

- Not all Alpine Space regions start from the same preliminary conditions in the road to LCT: value chains have different organization levels and different material flows, mainly due to historically different approaches in the use of wood as a resource for regional economies
- The construction market is going for pre-fabricated solutions, where cost is a key factor, but this represents also an opportunity to stimulate the use of low carbon timber starting to organize and shorten the existing regional value chains
- The promotion of Low Carbon Timber also needs the promotion of regional timber species, in terms of solutions to increase exploitation, dissemination of innovative applications and technological properties of “non traditional” wood species, mainly hardwood ones
- Good practices have to be “put on the map”, to show that using LCT is possible

Training content

Training modules/sub-modules	Training contents
A. The environmental sustainability of products	
A.1 How to measure sustainability	<ul style="list-style-type: none"> • Sustainability according to international standards • Environmental impacts and indicators • The life cycle of products
A.2 How to certify and communicate sustainability	<ul style="list-style-type: none"> • Environmental labels • Ecolabels in the wood sector • Products and materials in the building assessment and certification schemes
B. The sustainability of wood products for construction sector	
B.1 The life cycle of wood products and sustainability	<ul style="list-style-type: none"> • The origin of wood: sustainable forestry management • The transport of wood from the forestry to the final users • The use of wood in the building and its influence on the building environmental performance • The sustainable design in a timber construction project (techniques and good practices)
B.2 Low Carbon Timber	<ul style="list-style-type: none"> • Ecological impacts of transports • The definition of LCT • Approaches to LCT promotion • The Casco toolkit
C. Procurement procedures and timber products	
C.1 Public procurement in the construction sector	<ul style="list-style-type: none"> • The public procurement process in EU • Wood in public procurement for construction

C.2 Green Public Procurement (GPP)	<ul style="list-style-type: none"> • GPP criteria and recommendations • The reduction of transport in GPP • LCT in public procurement
D. Low carbon timber strategies for the regionalization of material flows and the implementation of Carbon Smart Communities	
D.1 Innovation and organization of the supply chain for LCT promotion	<ul style="list-style-type: none"> • Key elements for a successful LCT strategy • Innovative timber products • Innovation in construction processes and supply chain organization
D.2 The knowledge of requisites and properties of wood as a driver for LCT in construction sector	<ul style="list-style-type: none"> • Technological aspects and properties of wood • Quality and classification standards for structural and not structural timber assortments

	Timber processing companies	Professionals	Public authorities
A.1 How to measure sustainability	X	X	X
A.2 How to certify and communicate sustainability	X	X	X
B.1 The life cycle of wood products and sustainability		X	
B.2 Low Carbon Timber	X	X	X
C.1 Public procurement in the construction sector		X	X
C.2 Green Public Procurement (GPP)	X	X	X
D.1 Innovation and organization of the supply chain for LCT promotion	X	X	X
D.2 The knowledge of requisites and properties of wood as a driver for LCT in construction sector		X	

Training modes

The proposed training modes take care of the importance to mix standard training with other “active” modalities, where participant can “make experience” through the analysis of success stories and practical examples.

The training formats are different for the specific target groups.

Target group	FORMAT “A”	FORMAT “B”	FORMAT “C”
Timber processing companies	X	X	
Professionals	X	X	X
Public Authorities	X	X	

TRAINING FORMAT “A”

Duration: 2 hours

Targets: Timber processing companies / Professionals / Public Authorities

Module	Duration (hours)	Description
A.1 How to measure sustainability	0,5	
A.2 How to certify and communicate sustainability	0,5	
B.2 Low Carbon Timber	1,0	

TRAINING FORMAT “B”

Duration: 3 - 4 hours (half a day)

Target: Professionals

Module	Duration (hours)	Description
A.1 How to measure sustainability	0,5	
A.2 How to certify and communicate sustainability	0,5	
B.1 The life cycle of wood products and sustainability	0,5	
B.2 Low Carbon Timber	1,0	
C.1 Public procurement in the construction sector	0,75	
C.2 Green Public Procurement (GPP)	0,75	

Duration: 3 - 4 hours (half a day)

Target: Timber processing companies

Module	Duration (hours)	Description
A.1 How to measure sustainability	0,5	
A.2 How to certify and communicate sustainability	0,5	
B.2 Low Carbon Timber	1,0	
C.2 Green Public Procurement (GPP)	0,75	
D.1 Promoting LCT in regional contexts	0,5	
D.2 Innovation in products, processes and organization of the supply chain for LCT promotion	0,75	

Duration: 3 - 4 hours (half a day)

Target: Public Authorities

Module	Duration (hours)	Description
A.1 How to measure sustainability	0,5	
A.2 How to certify and communicate sustainability	0,5	
B.2 Low Carbon Timber	1,0	
C.1 Public procurement in the construction sector	0,75	
C.2 Green Public Procurement (GPP)	0,75	Focus on introducing LCT criteria in call for bids
D.1 Promoting LCT in regional contexts	0,5	

TRAINING FORMAT "C"

Duration: 1 day

Target: Professionals

Module	Duration (hours)	Description
A.1 How to measure sustainability	0,5	
A.2 How to certify and communicate sustainability	0,5	
B.1 The life cycle of wood products and sustainability	0,5	
B.2 Low Carbon Timber	1,0	
C.1 Public procurement in the construction sector	0,5	
C.2 Green Public Procurement (GPP)	0,5	
D.1 Innovation in products, processes and organization of the supply chain for LCT promotion	0,5	
D.2 The knowledge of requisites and properties of wood as a driver for LCT in construction sector	0,5	
Live presentation of the LCT tool	1,0	
Presentation and discussion of an LCT project/realization	1,5	

Training materials

Materials to be used and distributed to training participants:

- 9 Presentations in ppt format
- CaSCo project documents and reports
- CaSCo roll up
- CaSCo brochure

According to the format and target group, more material from experts and practice examples (project documentation, LCT objects, ...) will be available.