

TEMPLATE

Output factsheet: Trainings

Version 1

Project index number and acronym	CE1125 - CIRCE2020
Lead partner	ARPA VENETO - Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto
Output number and title	Output O.T2.2 - Transnational Trainings to design environmental & economic scenarios supporting industrial closed loops
Responsible partner (PP name and number)	2 - ETRA spa
Project website	https://www.interreg-central.eu/Content.Node/CIRCE2020.html
Delivery date	10.2018

Summary description of the implemented training measure(s), explaining the specific goal(s) and target groups

Once designed PEF-compliance environmental method based on existing EU standardized LCA tools (Life Cycle Assessment, a systematic set of procedures for compiling and examining the inputs and outputs of materials and energy and the associated environmental impacts directly attributable to the functioning of a product or service system throughout its life cycle) to estimate industrial ecology benefits, transnational trainings (see D2.2.2) for PPs' specialists to explain how to apply them in a cross-value chain were organized by the technical leaders ETRA & BZN.

The goal of the training is mainly to share and validate the guidelines elaborated in deliverable D.T2.2.1 within CIRCE2020 partnership. In particular, the available PEF ([Product Environmental Footprint](#)) rules, still in a development phase for some categories, require adaptation and "interpretation" to be implemented in CIRCE2020 pilots. The training offers the opportunity to map availability of software and databases to run the studies in order to reach as far as possible the alignment of exploited tools. Last but not least, the novelty of the PEF concepts requires deep learning also among specialists. The latter, one for each partner involved in the LCA assessment, are the target group of the training. Addressing the transferability, other interested project were invited to attend (e.g. TRIS project)

NUTS region(s) where training(s) have been conducted (relevant NUTS level)

Country (NUTS 0) : IT
Region (NUTS 2) : ITH3, Veneto
Sub-region (NUTS 3) : ITH36, Padova

Expected impact and benefits of the trainings for the concerned territories and target groups

The training increases knowledge and competences about PEF methodology; it creates a common framework to assess environmental benefits. Outcomes from studies can be shared and understood among partners thanks to the previously adopted common theoretical approach.

Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

LCA is implemented according to Product Environmental Footprint products-benchmark deriving from 1st & waves of pilots implemented in 2014-15 by the EC in the frame of Single Market for Green Products initiative. Moreover, the developed materials gain legitimization at EU level (at least within Central Europe regions) thanks to the validation of the approach by the external experts of each involved partner. The training is strongly focuses on implementation and concretization of circular economy pilots. On the other hand, the variability of case studies among and within areas, ensures enough flexibility of their application.

Lessons learned from the development and implementation of training measures and added value of transnational cooperation

Because of strongly technical contents, a common background and language is a “must” to ensure effective and efficient training. Work groups could support the understanding of the key message but it is crucial to limit the degrees of freedom as the trainer has to control the development of the process. Short exercises can directly verify the real comprehension of the audience.

LCA methodology is known among experts and recognized as a suitable tool in order to address environmental sustainability; however, the implementation on real case studies and its upward transposition at institutional / administrative level is still lacking in most of the involved areas.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

D.T2.2.1 - Guidelines for adaptation of LCA methodology to estimate ecological impact (based on D.T2.2.5)
D.T2.2.2 LCA team & transnational training for the application of LCA methodology
D.T2.2.4 Tutorial for future application of PEF-based methodology in industrial areas for replication purpose
D.T2.2.5 Conceptualization of PEF requirements as preliminary part of the guidelines

Tutorial available at: <https://www.circe2020-wiki.eu/circe-2020/tools-and-tech>