

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.T4.2 - Knowledge vouchering & external trainings to encourage the uptake of circular economy model
Responsible partner (PP name and number)	2 - ETRA spa
Project website	https://www.interreg-central.eu/Content.Node/CIRCE2020.html
Delivery date	09.2020

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

(Max. 2.000 characters)

Within the Italian pilot area, ARPAV (as lead partner) and ETRA (as technical partner and responsible for the tasks) collaborated to implement both vouchering activity (DT4.3.2) and two business acceleration workshops BAWs (DT4.2.3).

The vouchering goal was to encourage 5 new multiutilities towards enhanced industrial symbiosis starting from insights and results experienced during Circe2020.

The BAWs principal aim was to provoke a mind-change in pivotal public managers, waste utilities, industrial players & key-stakeholders & enable transition towards circular.

Both activities have been affected by COVID-19 crisis, have been remotely implemented.

Only for the vouchering activity, the first meeting with the target company was held in its own venue. Among the shared opportunities, the target company decided to focus on the implementation of the Material Flow Analysis MFA-like statistics on industrial waste, performed on databases annually collected by ARPAV.

The online platform that hosted the two BAWs allows to enlarge the number of participants (up to 320 in total), showing a vivid interest on the proposed topics: "The treatment of Per-fluorinated alkyl substances with a circular approach" and "Plastics, bioplastics and Circular Economy".

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

Max. 500 characters

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

(Max. 1.000 characters)

The statistics on industrial waste provided in the final report of the vouchering activity could be a starting point for further investigation on how to improve the waste collection and recycling services to companies.

The first workshop aimed to discuss about the removal of perfluorinated alkylated substances (PFAS) from wastewater. A lack of coordination at regional level results in different technological solutions implemented in treatment plants. The analysis of the status-quo in terms of technical feasibility, but also from a circular perspective (environmental and financial sustainability) could support more integrated approaches with the indispensable coordination with universities.

Plastics and related waste flows represent a key challenge for the future of the Circular Economy; bioplastics have emerged as possible sustainable substitution. The second workshop highlighted numbers of the biopolymers market and recycling performance of major waste categories (plastic packaging, paper and cardboard, food waste) and it tries to clarify possible counter effects on the latter waste flows of an uncoordinated development of bioplastic products.

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

(Max. 1000 characters)

Thanks to vouchering activity ETRA has opened to forthcoming collaboration with the target multiutility, one of the best performer in the waste management sector at European level. The two key stakeholders, in presence of ARPAV, agreed on the necessity of technical meetings and working groups to boost circular economy at regional level. The technical analysis performed for the vouchering is focused on the specific target area and it has been possible grounding on the data collected by ARPAV, as required by law. The analytics is transferable to other territories, where those raw data are freely available.

The workshops highlighted the importance of technical and periodical discussions on key topics of circular economy. Proceedings of both events are available on the project website, but are in Italian. PFAS and bioplastics represent a global challenge, but different policies and approaches exist at national and even regional level. Those aspects and the language could represent a barrier for the transferability purposes.

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

(Max. 1000 characters)

The nature of the discussed measures was markedly local-scaled. However, vouchering activity grounded on the transnational boot camp to prepare the national trainers appointed to train 5 new CE multiutilities (DT4.3.1). The meeting, held in Bassano del Grappa on 23rd November 2019, gave the opportunity to share a common strategy for vouchering implementation among Circe2020 partnership.

The vouchering activity in Italy highlighted (another time) the need of complete and free database to measure and monitor the circular economy development at local scale. To understand the status quo is crucial to define strategies and solutions to fill in the gaps.

The BAWs gave the opportunity to discuss key challenges, requiring integrated approaches and discussion. At least

in Veneto region (but easily scalable at National level) lack of coordination determines the co-existence of many stand-alone and isolated R&D and pilot experiences, while the potential benefits deriving from their integration are missed.

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

(Max. 1.000 characters)

BAW I - support material: <https://www.interreg-central.eu/Content.Node/CIRCE2020/BAW-PFAS.html>

BAW II - support material: <https://www.interreg-central.eu/Content.Node/CIRCE2020/BAW-Bioplastiche.html>