

TEMPLATE

Output factsheet: Strategies and action plans

Version 1

Project index number and acronym	CE1125 CIRCE2020
Lead partner	ARPAV - Regional Agency for Environmental Protection and Prevention of Veneto
Output number and title	O.T3.2 Regional Action Plan (RAP) to expand & uptake secondary raw materials market in the pilot regions
Responsible partner (PP name and number)	PP4 IFKA Public Benefit Non-profit Ltd. for the Development of Industry
Project website	https://www.interreg-central.eu/Content.Node/CIRCE2020.html
Delivery date	06.2020

Summary description of the strategy/action plan (developed and/or implemented)

Regional Action Plan was created to analyze circular economy which requires action at all stages of the life cycle of products: from the extraction of raw materials, through material and product design, production, distribution and consumption of goods, repair, remanufacturing and reuse schemes, to waste management and recycling. In the document the following topics were discussed: Sustainable Development Goals, circular economy & secondary raw material markets in Hungary, waste management in general, critical issues, stakeholder involvement, main indicators (EU target by 2030, Hungary achieved). And also some essential actions were determined to develop secondary raw material markets in the country, such as waste management related general legislative issues, by-product & end-of-waste criteria, green public procurement, important incentives, dissemination activities, industrial parks as pilots. Some special waste streams related actions were also specified in the RAP: packaging waste, plastics, bio- & food waste, construction waste, textiles. The Regional Action Plan was discussed with the other Hungarian project partner (BZN) and the Association of Environmental Enterprises.

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

HU10, Central Hungary - HU101 - Budapest;
HU 21 Central Transdanubia (Tatabánya)

The Hungarian pilot area, the Tatabánya Industrial Park is situated in the Central Transdanubia region. It is approximately 450 ha, out of which one third belongs to the public administration of Tatabánya and two thirds to Környe. Based on its area it is one of the largest industrial parks in Hungary. The area is characterized by the diverse variety of companies which are operating in the area, such as automotive, plastic industry, rubber industry, electronics, healthcare and logistic companies.

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The expected impacts and benefits:

- foster secondary raw material usage in Hungary
- more industrial symbiosis connections
- resource and energy efficient companies
- spread of resource from waste approach
- determined actions help to prioritize and implementation will be structured
- tighter cooperation with the relevant stakeholders

Sustainability of the developed or implemented strategy/action plan and its transferability to other territories and stakeholders

Regional Action Plan is in tight line with the international (EU's) and national strategies and documents - such as Sustainable Development Goals, Circular Economy Action Plan (part of the European Green Deal), Circular Economy Monitoring Framework, National Circular Economy Strategy and Action Plan, National Waste Management Plan.

The document was prepared with the involvement of different stakeholder groups. The main objective of this Action Plan is to increase the resource productivity (at least to the European Union average level -2,07 EUR/kg), to foster material recycling whilst divert waste from landfills and to keep the waste generation quantities below the EU average in order to fulfil the EU targets by 2030 and to accelerate the circular transition.

Memorandum of Understanding was signed with the Association of Environmental Enterprises to implement the actions which were determined in the Regional Action Plan.

Lessons learned from the development/implementation process of the strategy/action plan and added value of transnational cooperation

- Bilateral and individual meetings are very effective because during these special meetings partners are more open to talk about the problems and constraints than in bigger groups.
- Manufacturer companies often just hand over their whole amount of waste to a waste collector company and they do not know more details about the way of their waste, e.g. exact process.
- Green public procurement is a key issue to foster the spread of circular economy business models. There is a clear demand both the companies and the market for economically beneficial technologies, products and services.
- Implementing industrial symbiosis synergies in Hungary is not so easy because of:
Procedural complexity - waste as a secondary raw material in production must be validated in a laboratory to be used as a secondary raw material and a product data sheet must also be prepared.
Legislative restrictions - uncertainties regarding end of waste criteria
Companies do not have the necessary expertise and knowledge - they need to be assisted to find potential partners and to identify potential solutions
- During the international personal and online meetings project partners shared their good practices, results, methodologies in connection with circular economy and industrial symbiosis which were useful for preparing the RAP document. E.g. Italian examples and activities related to the green public procurement (GPP) as a CE fostering tool was very important lessons learnt to us and as a result we started to analyze the Hungarian GPP situation and possibilities. We identified the experts who has significant role in this process in Hungary and determined the needs of experts and the stakeholders to move forward in this topic.
- Site visits - highlighted the Polish, Austrian and Italian sites which were organized as a part of international meetings - were also useful because we saw the problems and opportunities related to the secondary raw material in different perspectives. We prepared the RAP by incorporating these views.
- Thanks to the bootcamp in Bassano del Grappa where experts participated from each project country we had some interesting and useful discussion about country-specific challenges and it turned out that there are some similar problems. So it was useful that we could discuss it deeply and share solutions. During the preparation of the RAP we used these information and knowledge when we identified the actions and relevant sectors and waste types.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

D.T3.3.2. Regional Action Plan per each region to expand secondary raw materials market

D.T3.3.4. Memorandum of Understanding among multi-utilities, ENV agencies & regional policymakers

CIRCE2020 project website: <https://www.interreg-central.eu/Content.Node/CIRCE2020.html>

CIRCE2020 wikiweb: <https://www.circe2020-wiki.eu/home>

CIRCE2020 e-cloud: <https://circe2020.eu/>