

# Aluminium can recycling machines

## Waste Flow

Aluminium Waste

## Impact on PESTEL categories

Economic, Social, Technical, Environmental, Legal

## Location of the good practice

Małopolskie Voivodship, Śląskie Voivodship

## Stakeholders involved

Residents, Institutions, Enterprises, Researchers, Environmental organizations

## Keywords

Supply Chain, Selective waste , Improving waste logistics

## Description

CP Recycling has created a network of can-be machines, i.e. devices for collecting used aluminum cans. Cannone machines operate in a very simple way: the user throws aluminum cans into the can machine, and in return receives a shopping voucher to be used in the store where the can machine is located. The advanced sensor system enables the collection of used cans. Cannone makers only accept aluminum cans. Other packaging is discarded, which makes recycling of the collected material very effective.

## Objective

Aluminum is a raw material that can be processed many times to produce new cans. Processed aluminum does not lose its properties. The goal of the solution is to implement the circular economy assumptions and environmental education in the field of packaging waste management. The proposed solution is to encourage local communities to segregate packaging waste at source, which will consequently reduce the weight of waste deposited in landfills.

