

Case study 4: Neighborhood

The circular education project aims to establish a closed-loop system in the education sector, where the waste generated in schools is minimized, and resources are reused or recycled to create a sustainable learning environment.

Objective: To promote a culture of circular economy education in a local school.

Description of the problem: The school that contacted you generates a large amount of waste, including paper, plastic, aluminium and food.

Many students and teachers do not know how to manage this waste correctly, and often end up dispersing it inappropriately, creating a negative environmental impact.

Your mission is to design and implement a circular economy education program, involving students, teachers and school staff, with the **aim of reducing waste and promoting a sustainable culture within the school.**

Background: A densely populated poor neighborhood located in a big city has decided to implement circular education practices. The neighborhood has a population of 1000, and it generates a significant amount of waste. The neighborhood management has identified four problems that need to be addressed through circular education practices:

1. **Single-Use Plastics:** The neighborhood generates a significant amount of single-use plastic waste from packaging and disposable items.
2. **Food Waste:** The neighborhood generates a significant amount of food waste from restaurants and households.
3. **Lack of Recycling Infrastructure:** The neighborhood does not have a proper recycling infrastructure, leading to waste being disposed of in landfills.
4. **Lack of Awareness:** The neighborhood residents have a lack of awareness about sustainable practices and their role in reducing waste.

Project work stages

1. Conduct research
2. Definition of objectives (general and specific aims)
3. Promote solutions

Aim- action- impact

Include benefits and risks (difficulties)

4. Project implementation

- Project target groups

-Actions

- Timing

- Cost

5. Monitoring and evaluation

