CENTER PONOVNE UPORABE (CPU)
REUSE CENTER SLOVENIA

REUSE center CPU
- resource center

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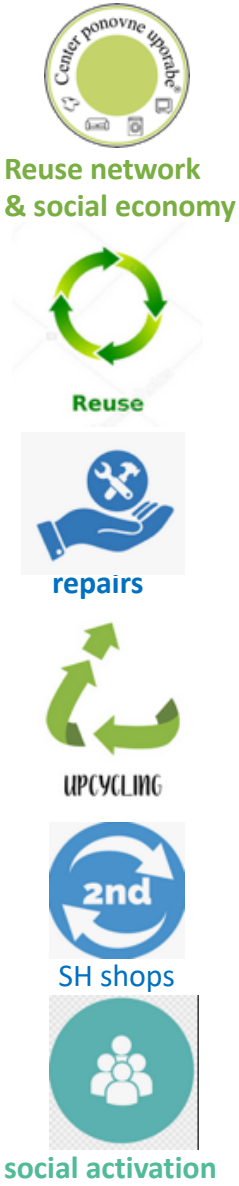


CENTER PONOVNE UPORABE (CPU)- REUSE CENTER
(SOCIAL ENTERPRISE)

1.Collection and sorting

2.Diagnostics and cleaning

3.Repairs and restoration

4.Quality Control

5.Sales in reuse stores (+ online)

Reuse network
& social economy

Reuse

repairs

UPCYCLING

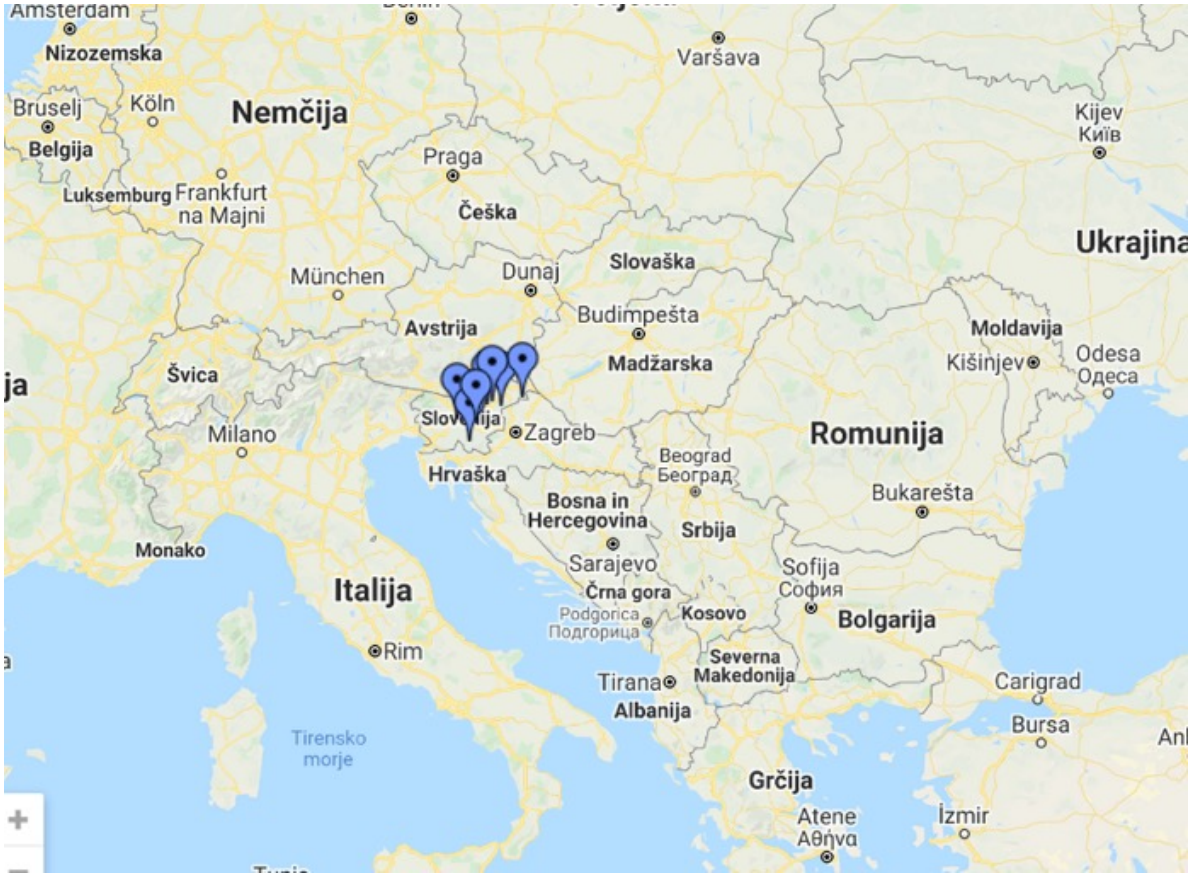
SH shops

social activation

CPU locations - SLOVENIA

Reuse
network CPU:
4 locations

expected amount of waste for reuse= 5.000 t/y



2 mio

73,1%
Share of separately municipal waste

33 kg
Landfil municipal waste per capita

Framework of the organisation CPU (REUSE center) Slovenia

1 The Social enterprise started: 2011

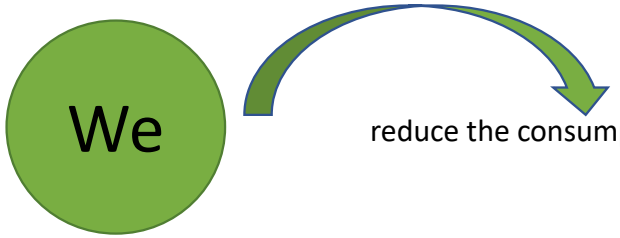
2 The Legal structure: social enterprise

3 The Target groups: Disabled (psychiatric /physical) disadvantage, long-term unemployed, deaf-mute, deaf, young people (addiction/social networks)

4 The Products /Service: circular economy products, repairs, training, social activation and environmental awareness

5 „Green Economy Standard“ in REUSE center CPU

- Environmental commitment to the circular economy
- Principle of 100% reuse
- We prevent the generation of waste &zero waste concept



sell without packaging
use only what already exists
reduce the consumption of resources, water, energy, raw materials with products
reduce CO_2 emissions
help reduce climate change
are introducing a CO_2 calculator

Reuse network
& social economy

Problem Solving as the Key to Entrepreneurship

Problem - WASTE?

- increasing amounts of waste
- short product life
- not repaired
- low product prices
- quick access to products

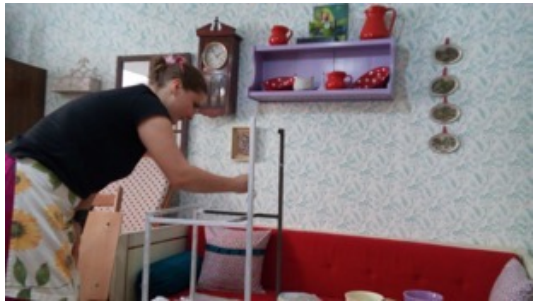
Solution – REUSE + CE

- waste prevention
- innovative product renovation / repair solutions
- local green jobs
- circular economy
- local economy
- new market products
- environmental and social effects

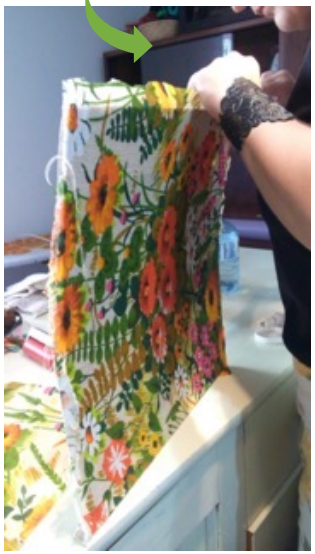
transformation of waste into added value products

Value Propositions

What value do we deliver to the customers?
Which customer needs are we satisfying?



upcycling products



!! without virgin materials

CIRCULAR ECONOMY
REDUCE& REUSE & REPAIR

environmental effects

Relationship to the «circular economy»

Reuse centre is a social enterprises, operating in the field of waste reduction and employment of disadvantaged persons.

3 aspects into consideration:

1. the economic
2. the social
3. the environmental

Studio of CE Slov. Konjice

Studio of CE Rogaška Slatina

" Socially entrepreneurship creates sustainable solutions for social challenges, combines business performance with a positive influence on community ."

REPORTING ON THE PRESENTATION OF SOCIAL IMPACT MEASUREMENT WITH SDG

CALCULATION OF SOCIAL RESPONSIBILITY OF CPU IN THE YEAR 2023

The annual amount is **98.000 pieces (data from e-cash register + e-base).**

- Clothes : 30.000 pieces
- Household appliances : 25.000 pieces
- Electronic devices: 2.220 pieces
- Furniture : 1.280 pieces
- Books: 9.830 pieces
- Players : 6.380 pieces
- Other (handbags, shoes , vases, dishes, etc.): 23.300 pieces

- SDG - Social Development Goals

ANALYSIS AND EVALUATION OF IMPACT

Social Return on Investment (SROI)

- Clothing: 6 kg CO2 per piece
- Household appliances: 3 kg CO2 per piece
- Electronic devices: 50 kg CO2 per piece
- Furniture: 30 kg CO2 per piece
- Books: 2 kg CO2 per piece
- Toys: 1.5 kg CO2 per piece

  Other: 2 kg CO2 per piece

CLOTHES

CALCULATION OF TOTAL CO2 SAVED BY CATEGORIES:
Clothing: 30,000 pieces * 6 kg CO2/piece = 180,000 kg CO2 = 180 T CO2

The total CO2 savings due to the inclusion of clothing for reuse is 180 tons

CO_2 saved

HOUSEHOLD APPLIANCES

"Household appliances: 25,000 pieces * 3 kg CO2/piece = 75,000 kg CO2 = 75 T CO2

The total CO2 savings due to the inclusion of household appliances for reuse is 75 tons of CO2.

Other (handbags, shoes, vases, dishes etc.): 23,300 pieces * 2 kg CO2/piece = 46,600 kg CO2

OTHER - handbags, dishes, vases, etc.

CO_2 saved

This means that the activities of reuse in total save approximately 480,230 kg CO2 = 480 T CO2.

TOYS

Toys: 6,380 pieces * 1.5 kg CO2/piece = 9,570 kg CO2 = 9.5 T CO2

The total CO2 savings due to the inclusion of toys for reuse is 9.5 tons of CO2.

Calculation of saved energy

- Clothing: 8 kWh per piece
- Household appliances: 20 kWh per piece
- Electronic devices: 100 kWh per piece
- Furniture: 50 kWh per piece
- Books: 1 kWh per piece
- Toys: 2 kWh per piece
- Other: 5 kWh per piece

The total energy savings for all categories of items would therefore amount to approximately 1,165,090 kWh. This calculation offers insight into the importance of reusing items not only for reducing CO2 emissions but also for significant energy savings.

- Clothing: 30,000 pieces * 8 kWh/piece = 240,000 kWh
- Household appliances: 25,000 pieces * 20 kWh/piece = 500,000 kWh
- Electronic devices: 2,220 pieces * 100 kWh/piece = 222,000 kWh
- Furniture: 1,280 pieces * 50 kWh/piece = 64,000 kWh
- Books: 9,830 pieces * 1 kWh/piece = 9,830 kWh
- Toys: 6,380 pieces * 2 kWh/piece = 12,760 kWh
- Other: 23,300 pieces * 5 kWh/piece = 116,500 kWh

Total calculation of saved water - due to reuse / 2023

- Clothing: 30,000 pieces * 2,700 liters/piece = 81,000,000 liters = 81 million liters
- H2O
- Household appliances: 25,000 pieces * 500 liters/piece = 12,500,000 liters
- Electronic devices: 2,220 pieces * 1,500 liters/piece = 3,330,000 liters = 3.3
- million liters H2O
- Furniture: 1,280 pieces * 1,000 liters/piece = 1,280,000 liters
- Books: 9,830 pieces * 10 liters/piece = 98,300 liters
- Toys: 6,380 pieces * 200 liters/piece = 1,276,000 liters
- Other: 23,300 pieces * 100 liters/piece = 2,330,000 liters H2O

= 101.814,300 liters of water = 101.8 million liters of water .

SROI - CPU 2023

SROI = Total value of social impacts / Total cost inputs

SROI = 1,200,000 / 300,000 = 4

Consumption of quantitative and qualitative assessment of social effects

1 Invested euro into CPU creates **4** euros of social worth

Conclusion and future steps

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