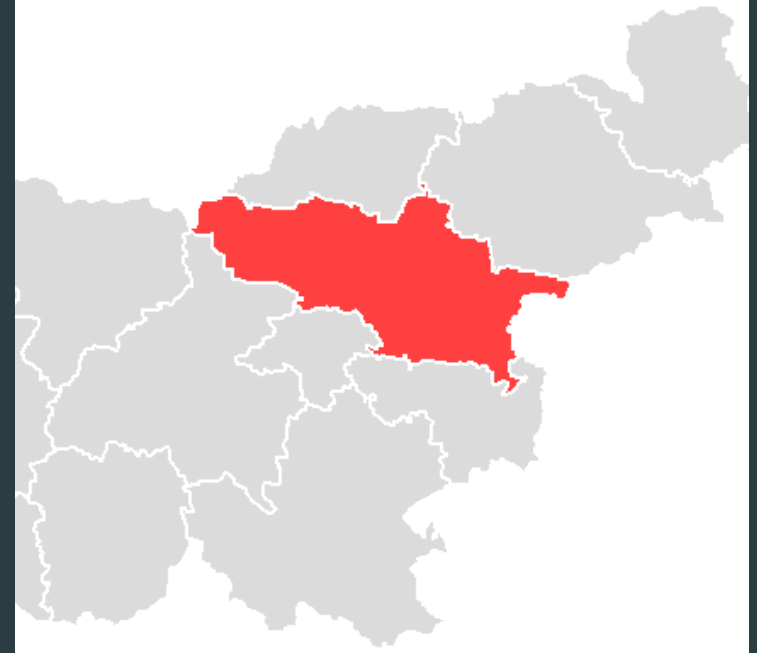


# REGIONAL WASTE MANAGEMENT CENTER CELJE

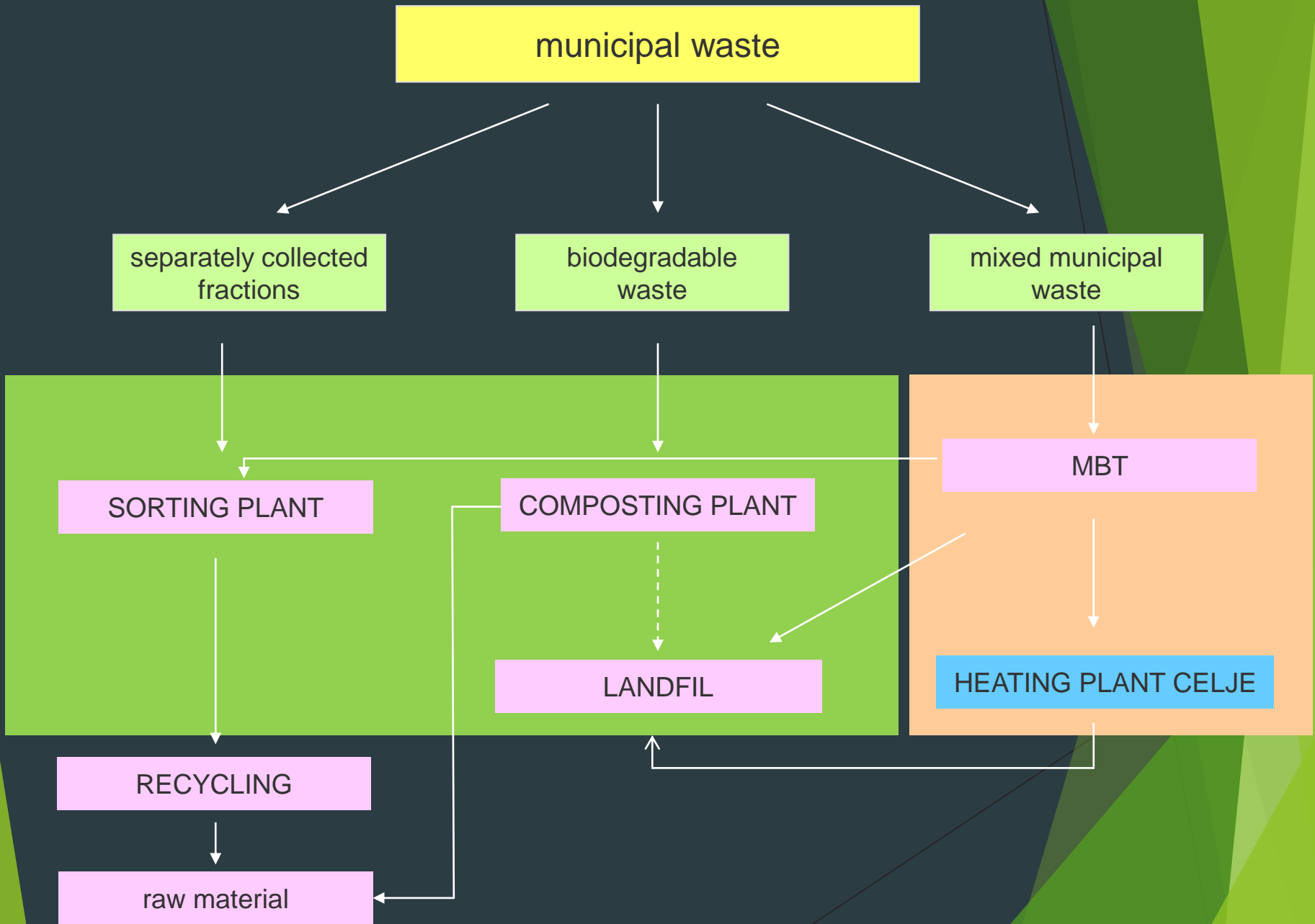
Slavko Marš

- Regional project
- 24 municipalities
- 250.000 inhabitants



- Managed by Simbio d.o.o.
- Public services
- 75 employees (240)
- Annual turnover: 18 mio €





municipal waste

separately collected fractions

biodegradable waste

mixed municipal waste

SORTING PLANT

COMPOSTING PLANT

MBT

LANDFIL

HEATING PLANT CELJE

RECYCLING

raw material



## MBT PLANT

- eliminate recyclable fractions
- eliminate combustible fraction
- biological stabilization:

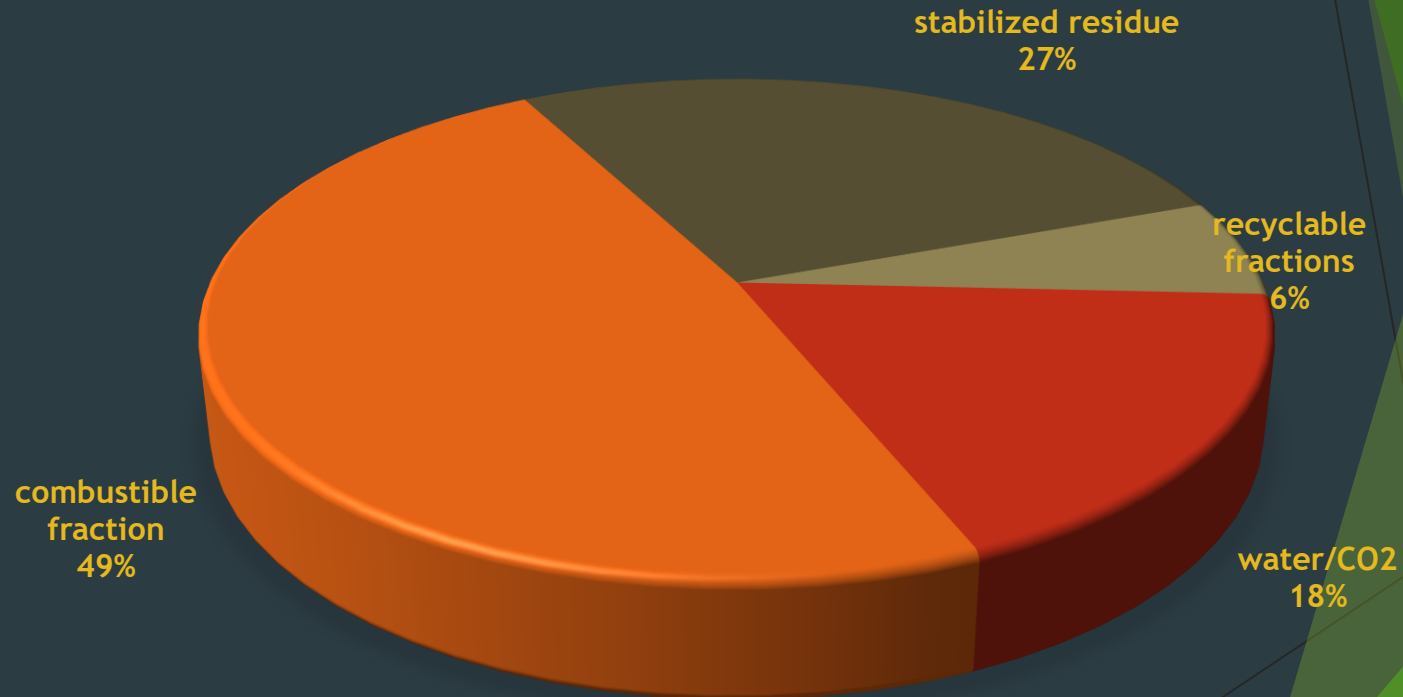
TOC < 18%, AT4 < 10 mg O<sub>2</sub>/g, KV < 6.000 kJ/kg

- Processed in 2020: 43.000 t MSW



# MBT PLANT

## ➤ products after treatment



# COMPOSTING PLANT

- household bio-waste and green waste
- processed in 2020: 10.500 ton



# SORTING PLANT

- waste packaging
- machine sorting
- annual capacity: 16.000 t





# LANDFILL

- capacity: 1.800.000 m<sup>3</sup>
- municipal and non-municipal waste
- disposal requirements
- disposal in 2020: 45.000 t



# LANDFILL

asbestos waste



# LANDFILL GAS

- Gas collection wells



# POWER STATION and PUMPING STATION

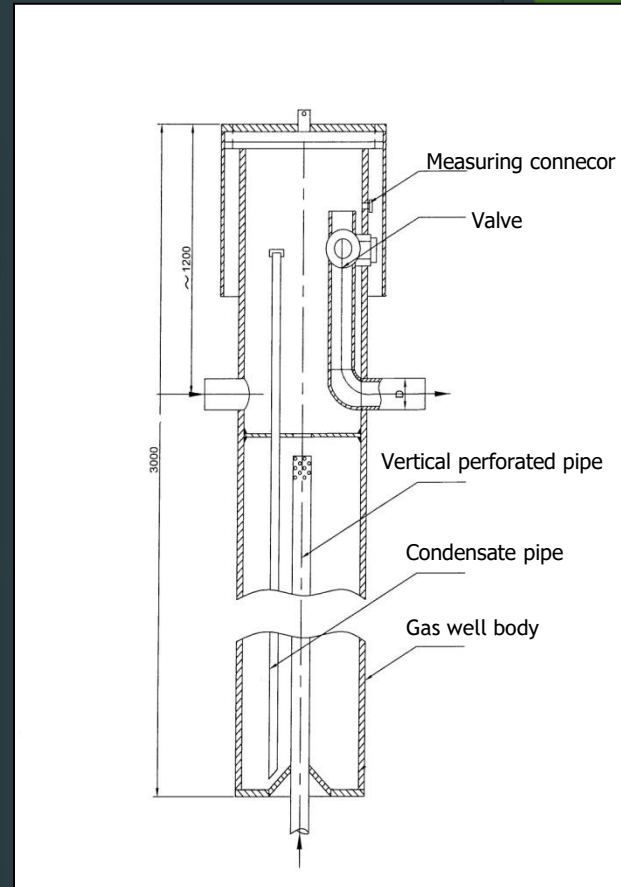


# LANDFILL GAS

## Gas well drilling



## Gas collection well



# WASTE WATER

Waste water treatment plant





## ENTRANCE CONTROL

- database of waste
- input/output scale
- waste control

# OTHER FACILITIES

- baler press



- warehouses





## OTHER FACILITIES

wheel washing system

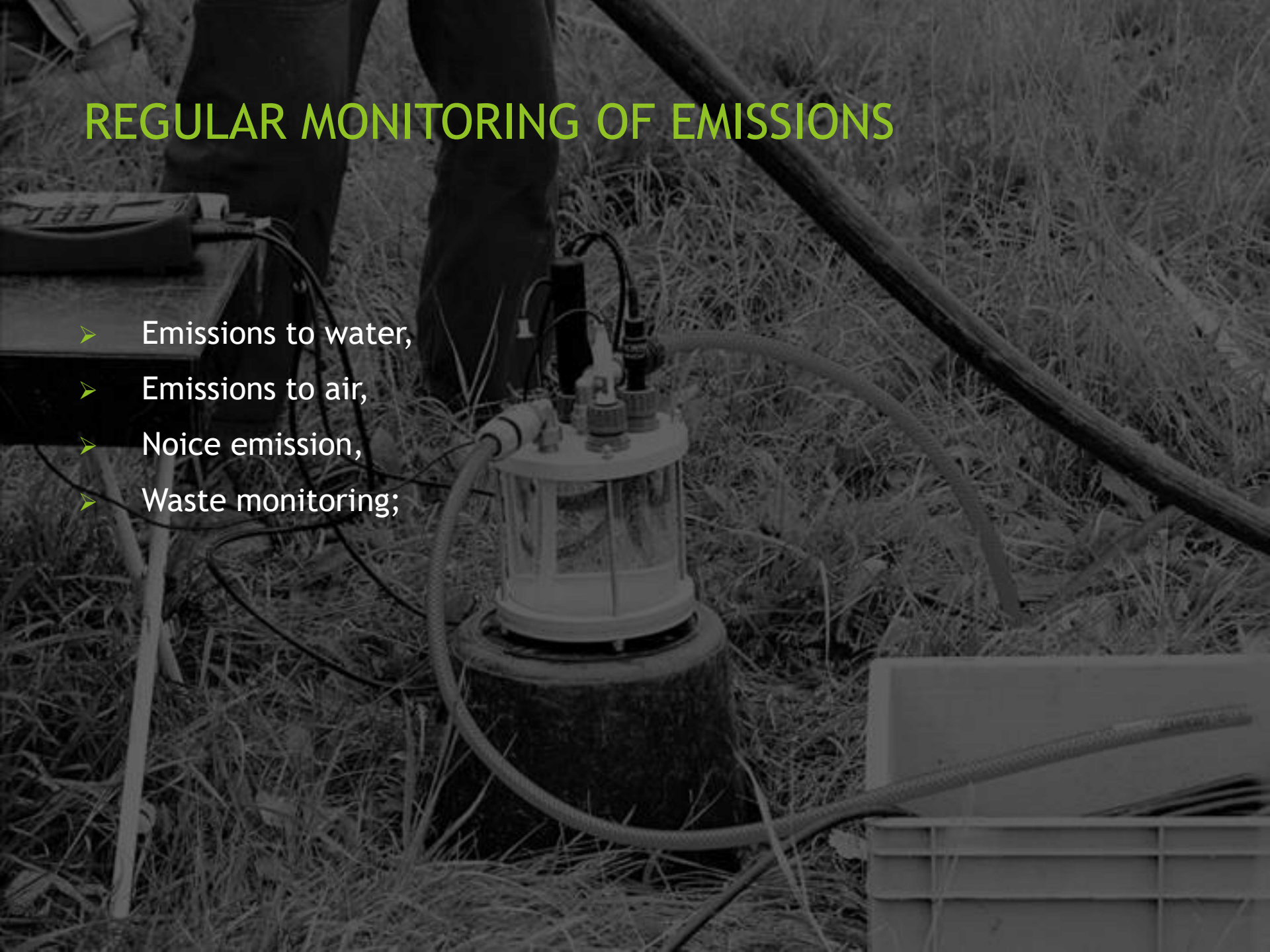


car wash



# REGULAR MONITORING OF EMISSIONS

- Emissions to water,
- Emissions to air,
- Noise emission,
- Waste monitoring;



# FINANCIAL CONSTRUCTION OF THE PROJECT

RCERO CELJE I. PHASE <b>EU: 9 mio €</b>	without tax
Construction	17.586.029 EUR
Supervision	233.266 EUR
Communication with the public	150.249 EUR
<b>SKUPAJ</b>	<b>17.969.544 EUR</b>

RCERO CELJE II. PHASE <b>EU: 20 mio €</b>	without tax
Heating plant	18.627.607 EUR
MBT	11.151.570 EUR
Supervision	772.138 EUR
Communication with the public	287.916 EUR
<b>SKUPAJ</b>	<b>30.839.232 EUR</b>

Investments in last ten years 16 mio €.

# rCEROcelje

**ODLAGALIŠČE PREOSTANKA  
ODPADKOV**  
Odlagamo samo težko frakcijo

**HALA ZA  
BIOSTABILIZACIJO**

**MBO - Mehansko biološka obdelava**  
Z mehansko-biološko predelavo volumen odpadkov zmanjšamo za približno dve tretjini. S tem procesom dobimo težko in lahko frakcijo.

**DEMONTAŽA**  
Demontaža kosovnih odpadkov in elektronske opreme

**KOMPOSTARNA**  
Iz biološko razgradljivih odpadkov nastaja kompost

**AVTOPRALNICA**

**ČISTILNA NAPRAVA**  
Čiščenje izcedne vode

**ZBIRNI CENTER**

**UPRAVNA ZGRADBA**

**SORTIRNICA**  
Sortiranje odpadkov  
- ročno in deloma mehansko



Visit:

[www.simbio.si](http://www.simbio.si)