Components

- Rehabilitation of old landfill
- Construction of MBT plant
- Introduction of new SWM system

Financing

Phase I

- €20 million EBRD loan
- €5 million EBRD loan – Clean Technology Fund
- €10 million Grant of the Eastern Europe Energy Efficient Partnership Foundation
- €6,75 million from city budget

Phase II

- EIB loan

Phase I components

Components	€, mln.
Rehabilitation of Hrybovychi landfill: Phase 1	11,56
Installation of leachate treatment facilities at Hrybovychi landfill	1,8
Construction of waste mechanical and biological treatment facilities: Phase 1	23,5
Development of the household civic amenity centers	4,14
Locally co-financed capex (technical design, preparatory construction works for MBT)	1,75
Total	**41,75**

MBT Plant

Mechanical sorting

- Pre-sorting
- Screening
    - Separate finer fraction for composting
- Manual sorting on coarser fraction

- Baling of separated recyclables and residual

Composting

- Windrow (covered) or tunnel system
- Post-composting:
  - Removal of metals
  - Screening to separate fine fraction
  - Coarse fraction divided into inerts or RDF
- Air filtration system

RDF production

- High quality RDF separated mechanically from light fraction of residual waste after hand-sorting and then shredded
- Low quality RDF from coarse fraction post-composting

Sorting line

- Mechanical sorting of separately collected waste
- Separation of:
  - Cardboard
  - Paper
  - Plastics
    - PET
    - PP
    - PE
  - Tetrapaks

250 000 tons / year – mass balance:

MBT Plant

- 5% recyclables
- 10% compost
- 30% RDF
- 20% inert waste

Landfill

- 35% residual waste

€25 – 30 gate fee

Project manager

LMC Zelene Misto
+38 032 297 55 70
zelene.misto@lvivcity.gov.ua
www.zelenemisto.info