



**Bilozirya** is one of the biggest villages in the Ukraine. It took 10th place by population as a result of the census in 2001 year within the country. It's total area is 1193.77 hectares.

The main source of waste generation on the village territory is 3958 households and 3 apartment buildings, 56 businesses and 247 entrepreneurs.



Public utilities of Bilozirya village council were created due to a need to provide qualitative utility service and village refurbishment.



Territorial community executive committee operates utility enterprise of Bilozirya village council. Subvention in the amount of **493.4 K hrn** was granted for utility enterprise from the local budget.





Tractor MTZ 82.1 and a wood chipper machine DT660T were acquired in 2016 for utility enterprise of Bilozirya village council, being financed through governmental infrastructure subvention with the total cost of **558 K hrn.**



Currently collection of domestic waste by utility enterprise is done systematically, nevertheless separated collection of waste products is to be ensured yet

Morphology composition of useful solid household waste

Paper, cardboard 3%	Glass 5%
Plastic, metal-plastic, polyethylene 6 %;	
Metal 2%.	

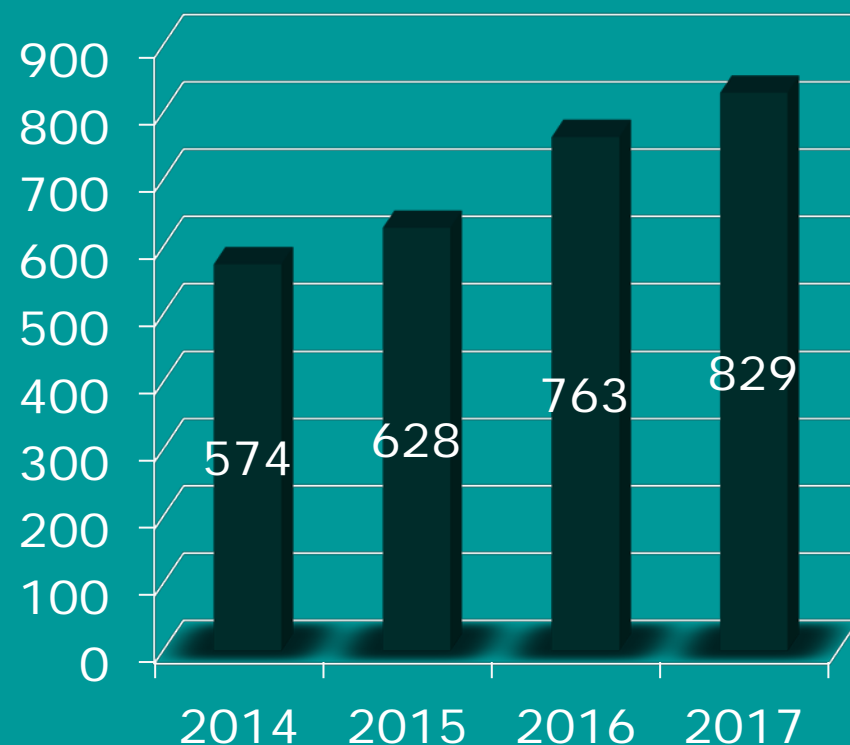
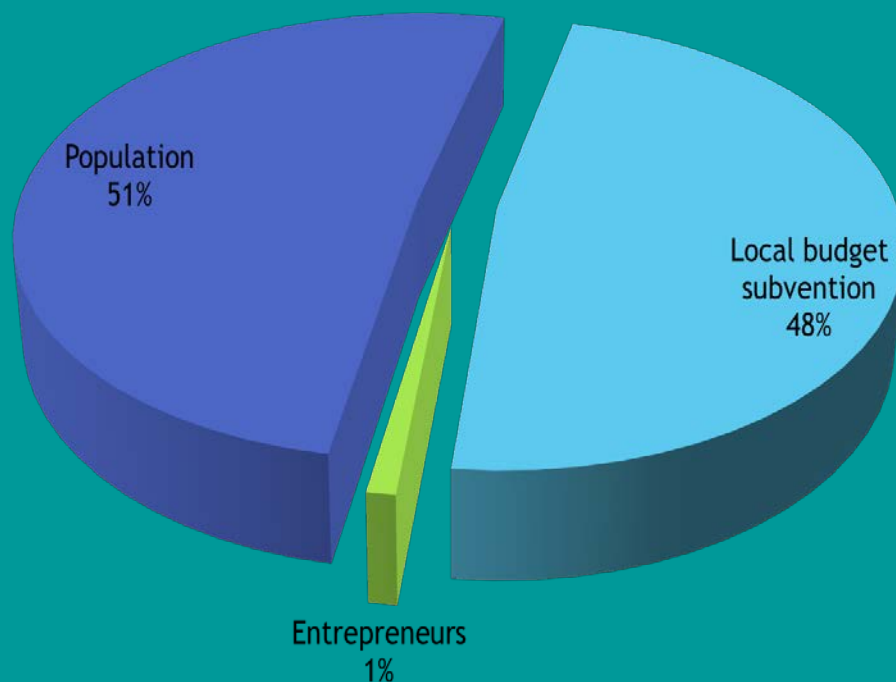
# Current solid household waste situation

- Almost 60 thousand cubic meter of solid household waste is accumulated at Bilozirya village range.
- The number is increasing by 4 thousand cubic meter annually.
- More than 2 hectares are occupied by solid household waste.
- Vilagger dumps out around 400 kg waste annually.

## Financing solid household waste removal

- 825 households and 4 private entrepreneurs concluded a contract for utility service in 2017.
  - The cost of service for a villager is 140 hrn per year. (508 contracts – 71.120 hrn)
- The cost of service for a retiree is 50% - 70 hrn per year. (317 contracts – 22.190 hrn)
  - The cost of service for an entrepreneurs is 500 hrn (4 contracts – 2.000 hrn)
  - Local budget subvention for waste removal in 2017 is 86.500 hrn

### Financing solid household waste removal



**Number of contracts increased by 44,4% within the period from 2014 to 2017**



**Implementation of an optimal waste collection model as the way of improving the ecological state of the environment will require to purchase:**



**15 garbage cans 1100 liters**



**500 garbage cans 240 liters**



**Garbage truck on a chassis GAZ 33-09**

**20 container staging areas should be equipped for sorting waste by 4-fractional method in a specialized euro-containers with the consequent pressing of secondary raw material and sale to organizations receiving secondary raw material.  
Estimated cost of the project is 3 152.650 hrn.**



# The result of the project should be:

- Quality service improvement of waste management
- Declined number of solid household waste removed for utilization to range at the expense of collecting waste for recycling
- Population awareness-raising regarding environmental issue and environmental upbringing of a younger generation;
- Economic benefit for utility enterprise at the expense of sale recycled waste.