

# Sustainable development of the city through “green development”

## The Challenge

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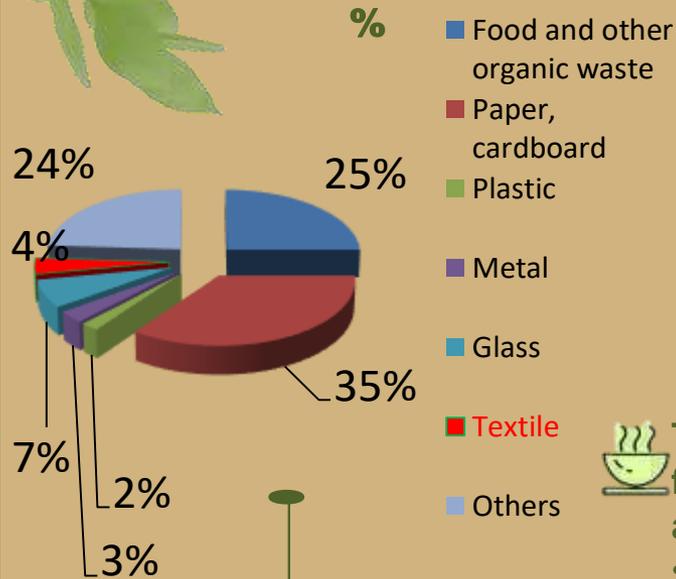
- Ensuring the development of settlements and territories solely on the basis of comprehensive planning and management with public participation.
- Reducing the negative impact of pollutants on the urban environment, including through the use of innovative technologies.
- Ensure the development and implementation of local development strategies aimed at economic growth, job creation, development of tourism, recreation, local culture and production of local products.
- Reduce food losses in production and sales chains.
- Reduce the volume of waste generation and increase the volume of its processing and reuse based on innovative technologies and production.

The main problem of the Odessa region and Ukraine as a whole is that the programme of sorting and further recycling of different types of waste has not been created at the state level. the city budget does not include any expenses for waste recycling. private companies are mainly engaged in recycling. yes, over the last 2 years we have appeared containers for plastic, glass and paper, but is there any sense if they go to the same landfill? only a few people sort rubbish. environmental habits have not been fully formed in people's minds yet, some people still do not know what it is for.



The budget should include a line item for the financing of recycling and waste processing enterprises by public utilities.

## Waste categories in Odesa,



There is also a problem with statistics. in Odesa it has not been updated since 2015.

According to the US Environmental Protection Agency (EPA), the amount of textile waste in the world increased by 811% from 1960 to 2015. About 66% of this waste ends up in landfills.

## ECO SOLUTION:

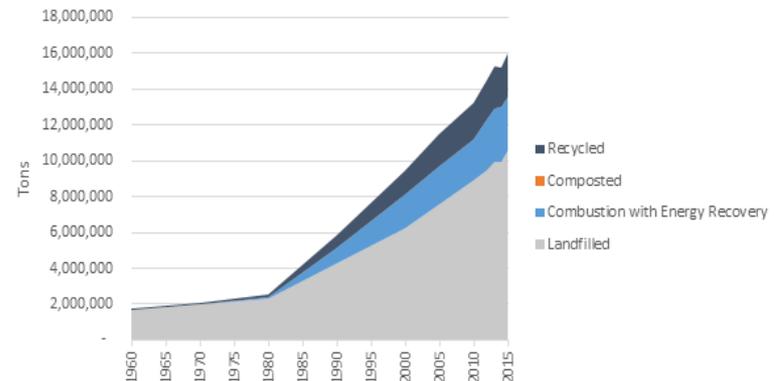
- Donate clothes and things for recycling
  - Waste sorting
  - Increase public awareness
- Implementation of educational and information policy in schools, institutions of higher education
  - Conducting eco-actions
- Make environmental protection a priority goal of society



The large volume of food production leads to an excess of foodstuffs, as a result of which they run out of shelf-life. there are two ways to solve this problem in a reasonable way:

- Organise food bank-type outlets where low-income people can get food for free or for a small price.
- Food with expiry dates can be recycled to create new raw materials, for example textiles.

Textile Waste Management: 1960-2015





The jeans were given for upcycling to a company that makes new jackets and coats from old jeans. in this way it is both recycling and helping small businesses.

This is a poster of a series of events that were organised within the project. (there will be another webinar on 20.11.)



Designers from the company «tobifayno» conducted a training webinar for students from my department

The movement is called "green light" and such a campaign will be organised every semester at the university, in the future it is planned to reach more people, not only students.

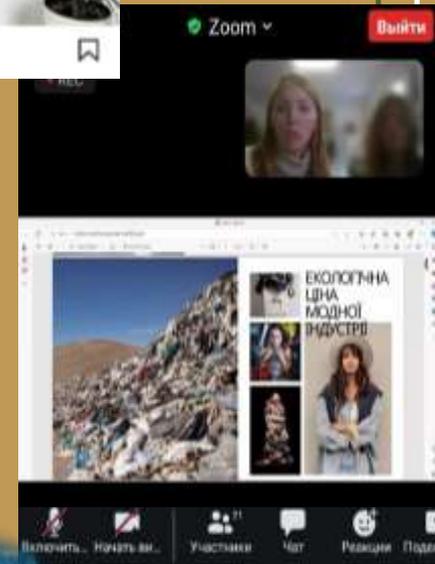
The goals we have realized through the project:

- Organizing informative webinars for students.
- Gathering of denim for upcycling
- Drawing public attention to environmental issues

And there will be more to come!



students who get involved in the "donate jeans" campaign.



recycled jeans

I would like to thank my supervisor of the project - Victoria Kachuriner ,PhD Assistant Professor of Internationa Humanitarian University kachuriner22@ukr.net