

# THE GARBAGE PROBLEM NOWADAYS



# INTRODUCTION

- Currently each of our planet's inhabitants has an average of about one ton of waste per year, and that's not counting the millions of used and wrecked cars. If the whole for the year accumulated debris to destroy and not to recycle, and be dumped in one pile, would be formed mountain of the height of Elbrus is the highest mountain peak in Europe.
- We can think of several reasons for the increase in the number of garbage:
  1. the growth of production of goods of mass consumption disposable;
  2. the increase in the number of packaging;
  3. raising the standard of living that allows usable things to replace with new ones.







- The chemical industry represents a serious potential threat to the environment, the health and life of people. The most dangerous emergency chemical plants and facilities, as well as their consequences. Most often they occur because of the person. This can be a unsafe practices, the violation of technological process, faulty equipment and/or exceeded its useful life, mistakes in the design or installation, negligence of employees. Additionally, the cause may be natural phenomena and natural disasters, but the main part of the accidents happen because of human fault.

- We have a problem with dirty air too. People can't breathe in big cities because the air isn't fresh.





- Garbage, despite bans, absolute not in designated areas. Such areas are not fenced, there are experts, leading to the observation of proper disposal of garbage. With these "wild" dumps the wind carries the paper and other light waste. Wild landfills not only disfigure the landscape, but also pose a threat to human health. The substances formed during the decomposition of waste, pollute the air. Rain water washes away toxic substances decomposed waste; this leads to pollution and contamination of open water bodies and groundwater. Now, the known methods of destruction of household waste that pose no serious threat to the environment.





# THE PROBLEM OF WASTE IN THE CITY

- The most widespread are three ways you can eliminate waste:
  1. the device is specially equipped landfills;
  2. composting of garbage.
  3. disposal at a waste recycling plants.



# COMPOSTING OF GARBAGE

- Not anywhere is possible to arrange the specially designated landfill. To solve this problem involved specialists of different directions: geologists, hydrologists, ecologists, and others should take into account:

the wind rose in the landfill;  
the distance from human settlements, water protection and conservation areas;  
permeability of soils;  
the area reserved for the landfill (area must be sufficient for the reception of garbage for a long time);  
a location convenient to the entrance of transport, etc.  
Specially engineered landfill is not the best way to get rid of garbage, although today not do without them.





- Composting of garbage, is the method of disposal and utilization of waste. By composting, you can only recycle organic matter components in the case of household waste slightly more than half of the garbage. Organic substances with natural (plant and animal) origin, under the influence of bacteria and oxygen are decomposed. When composting, as a rule, waste mixed wastewater resulting from the processing of wastewater at wastewater treatment plants. Waste decompose and form compost used as fertilizer. Similarly get compost in agriculture, mixing manure with crop residues.





# HAZARDOUS AND NON-HAZARDOUS WASTE MUST NOT BE MIXED

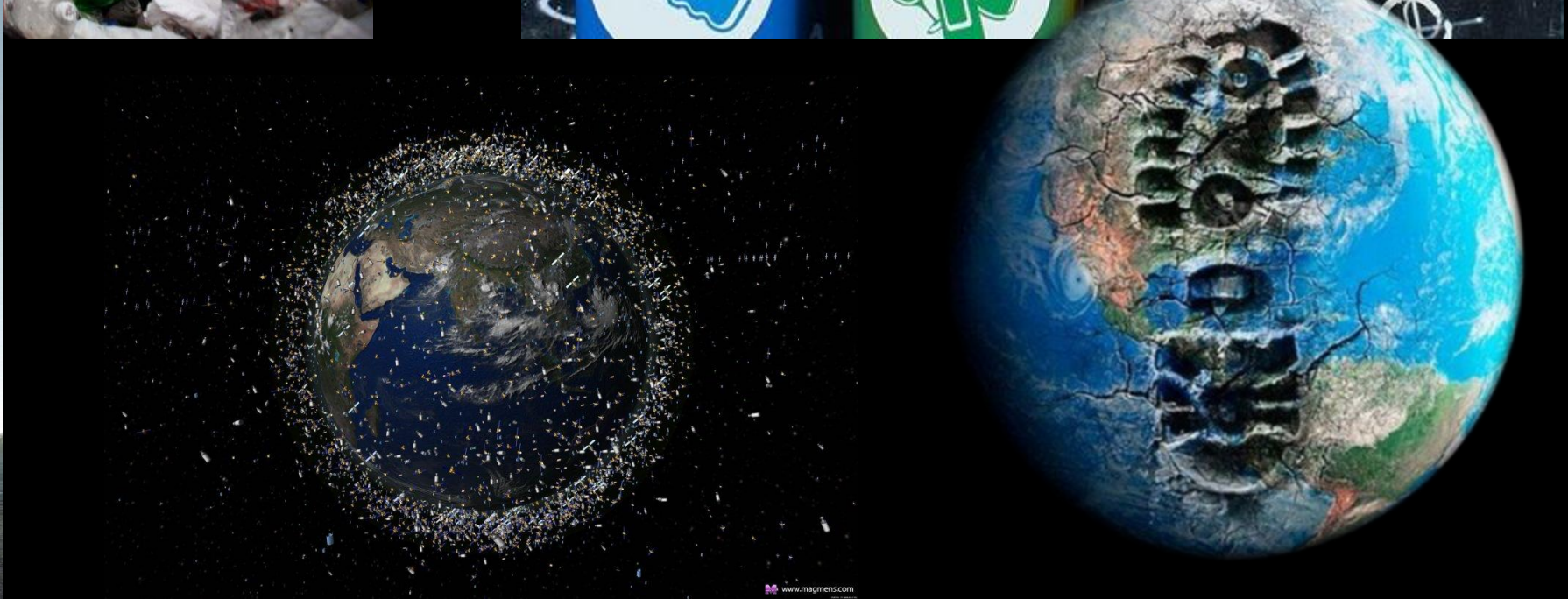
- The problem of pollution by garbage begins with the manufacturer of the goods. In production it is necessary to make the passport of waste, which should be clearly specified disposal. Hazardous waste in any case should not be mixed with the safe. A mixture of this kind can cause unpredictable and threatening health consequences. For example, a favorite with many energy saving light bulbs must be disposed of according to the type of hazardous waste, i.e. in a special place. This type of light bulbs contain mercury, even small emissions can cause serious problems for the safety of people and organisms.













# «AND YOU THREW AWAY THE RUBBISH IN THE BIN»

- Considering the problem of waste disposal, it should be said that from an ordinary person depends little. For cleanliness of the city or an entire country established the necessary export, sorting and recycling waste. First of all, must be a production, providing an almost complete recycling of the raw materials. However, it is not necessary to litter in an already polluted streets. Dispose of waste in place, to make my small and possible share in a clean environment.





# FIGURE-SYMBOL «GARBAGE PROBLEM»

- For the first time by recycling began in Britain 200 years ago. In the past sixty years, the world community began to understand the seriousness of this crisis for the planet as a whole. To attract the attention of the population to a highly topical issue in public places, on the packaging, consumer goods there is a symbol "garbage problem". It is 3 cyclical arrows enclosed in a triangle in a clockwise direction. Usually green, sometimes black.







SOMETHING OF THIS KIND IS WAITING FOR US IF  
WE DON'T PAY ATTENTION TO OUR NATURE.





# THE END

