

WASTE MANAGEMENT

1. Definition

Waste management includes the activities and actions required to manage waste from its inception to its final disposal. This includes the collection, transport, treatment and disposal of waste, together with monitoring and regulation of the waste management process.



2. The most interesting companies operating in the sector



Too Good To Go is a Danish startup dedicated to fight against food waste. The company lets people buy unsold and surplus food from cafes, restaurants, supermarkets, and bakeries, which would otherwise end up in landfills.



Superseven (Germany): Uses the Repaq brand to develop fully biodegradable packaging solutions that can compete technically with plastic packaging. Its packaging film is made from cellulose and can be used, once discarded, as compost in homes and gardens.



Swedish waste management startup **Bintel** develops sensor based systems and cloud services, enabling on-demand waste collection, with which waste bins are monitored, and connected to smart city networks.



Syntoil is a polish Startup which has developed an innovative method of processing tires and rubber waste. A breakthrough method consists in subjecting tyres and rubber waste to a pyrolysis process, i.e. exposing them to very high temperatures.



Handerek Technologies has created a groundbreaking patented technology which chemically recycles waste plastic into feed-stock to make clean recycled plastics or to be used as low-carbon alternative fuels.

3. Interesting facts

#1 An estimated **1.3 billion tonnes** of food is wasted globally each year, one third of all food produced for human consumption, according to the Food and Agriculture Organization (FAO) of the United Nations

#2 In 2017, **174 kg** of packaging waste was generated per inhabitant in the EU

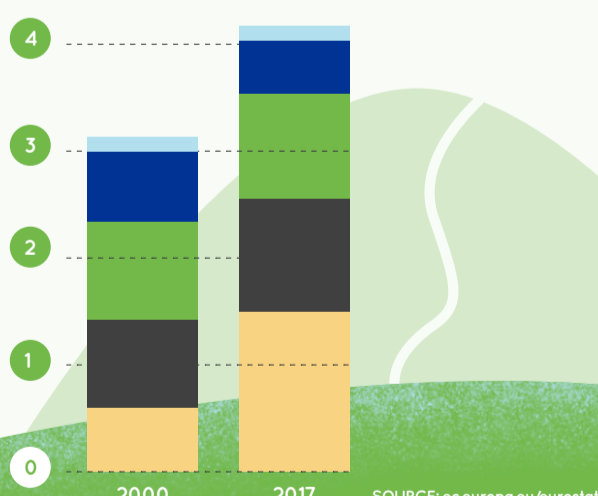
#3 **46.6 %** of waste were landfilled and **36.7 %** were recycled in the EU in 2016

4. How many jobs are in the area

Environmental economy in the EU

Employment by domain
(IN MILLION FULL-TIME EQUIVALENTS)

- WATER SAVING
- WASTEWATER MANAGEMENT
- OTHER ENVIRONMENTAL PROTECTION
- WASTE MANAGEMENT
- RENEWABLE ENERGY AND ENERGY EFFICIENCY



5. Future

All EU countries are required to:

- ★ Recycle 55% of household waste by 2025, 60% by 2030 and 65% by 2035
- ★ Recycle 70% of all packaging – including plastic, paper, aluminum and other materials
- ★ Implement a 10% cap on landfill by 2035

