

## **Waste recycling**

By waste recycling we mean the set of strategies and methodologies put in place to recover useful materials from waste, so that they can be reused rather than disposed of directly in landfills. Recycling ensures greater sustainability in the production / use cycle of materials, reduces the consumption of raw materials, the use of energy and the emission of associated greenhouse gases.

Recycling does not replace the landfill and the incinerator, but it reduces their use with great advantage for the environment and for economic sustainability.

### **The waste recycling system**

A product must be designed with a view to recycling using biodegradable materials. These facilitate natural disposal when the product is transformed into waste, recyclable material such as glass and avoiding the most difficult or impossible materials to recycle.

Separate waste collection is a fundamental step in the process. In fact, it allows to reduce the costs, especially for the environment, of the treatment processes.

Recyclable materials include all waste that can be reused to produce new objects equal to waste (glass, paper) or used to produce new materials (wood, fabrics).

### **Recycling**

Separate collection is the first step for proper recycling of waste. The aim is to direct any type of waste towards the most suitable disposal or recovery treatment of the materials.

The waste recycling systems make it possible to reduce waste sent to landfills and incinerators with important savings in energy and raw materials.

### **Zero waste**

The zero waste movement aims to sensitize the population to make conscious purchases and to undertake a lifestyle that goes in the direction of lowering waste and indeed reducing it to zero. The purchase of detergents and other hygiene products on tap, as well as food on tap such as biscuits, cereals, pasta and rice, significantly reduces waste. Zero waste favors reuse in which end-of-life products are used for other purposes.

Rechargeable batteries are preferred to disposable batteries.

### **Creative recycling**

Creative recycling is the practice of using waste creatively and building new objects with recycled materials, giving them new life. Recycling and creative recovery go hand in hand with DIY. This happens because it allows you to use recycled wood, glass jars, bottles to decorate the house or to create new clothes.