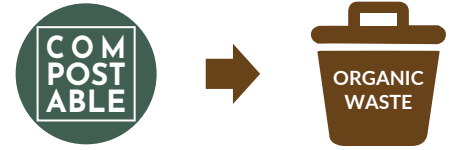
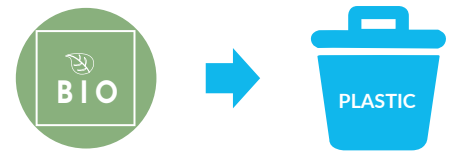


# Recyclable vs. Biodegradable vs. Compostable



## Recyclable? Biodegradable? Compostable?

We know well the word "recyclable", but very often we get confused between "biodegradable" and "compostable". Understanding the true meaning of these terms is the first step to turn on our awareness in environmental concerns.

	Recyclable	Biodegradable	Compostable
<b>What does it mean?</b>	Recyclable articles can be recovered and reshaped to produce new articles. Recycling allow us to diminish the quantity of waste sent to dumps and to increase the useful lifetime of materials.	Biodegradable materials can be decomposed, thanks to natural micro-organisms, into simpler substances, becoming water, methane and carbon dioxide.	Compostable products are biodegradable, with an added benefit. Through their decomposition we obtain a compost full of nutritive substances useful in agriculture. These products are tested to biodegrade within three months in the industrial composting plants.
<b>Which are these articles?</b>	The most common recyclable materials in the food industry are: plastic, paper, glass and aluminium.	Biodegradability is an innovative characteristic for plastic articles. The additive inserted at the production stage, through the acquisition of micro-organisms accelerate the biodegradation of plastic, converting it in carbon dioxide and water.	Compostability is a desirable feature in traditional disposable products such as ice cream cups, spoons, cutlery, dishes, single portions for dessert and finger-food. These items are produced in P.L.A. (biopolymer derived from corn starch) suitable for cold foods and drinks and in Mater-Bi® (biopolymer from plant sources) suitable for hot foods and beverages.
<b>How to recognize them?</b>			
<b>Certifications</b>			
<b>How should they be disposed of?</b>	The easiest and most effective way to recycle these products is to be delivered through traditional urban recycling way. 	POLO PLAST BIODEGRADABILI products should be delivered in the plastic section of urban recycling. 	POLO PLAST COMPOSTABLE products are disposed of in the organic fraction of urban recycling. The products are sent to special industrial composting plants where in a time span of 3 months they are transformed into compost. Do not throw these products into autonomous home composting systems but always do the recycling according to the rules of your municipality of residence. 