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... is read in 92 countries

# bio plastics

M A G A Z I N E . C O M



# Give bioplastic waste a new life

**G**ianeco S.r.l. is a plastic recycling company based in Piedmont, Italy and born to operate in the world circular economy. For years it has been dealing with the recycling of different polymers, starting from engineering polymers like ABS, PC, PA, PS, PBT, PEI, PES, focusing more and more its main activity on the thermoplastic elastomers and bioplastics.

Gianeco strongly believes in its mission for a greener and cleaner environment and for years it has been being engaged in the promoting, marketing and reprocessing of compostable and biodegradable polymers, where Gianeco offers a primary service in Europe. It's proud to be involved and contribute in the recycling of renewable and eco-friendly materials like PLA, PBAT, PHA, PHB, PCL, PBS. The idea behind these biobased polymers is to replace the fossil oil carbons by carbons obtained from renewable and eco-friendly sources (sugars in plants), in other words, to create polymers from renewable natural resources and allow packaging to decompose quickly and get back to nature.

With the introduction of bioplastics in the packaging industry, recycling issues of bioplastics are rising for their post industrial and post consumer waste. Although the

bioplastics are biodegradable and compostable, the first and the most important step for their waste treatment is mechanical and chemical recycling. Thanks to mechanical recycling of bioplastics scrap, Gianeco gives a new life to it and recycled resins can be used again before finally being composted. Gianeco recycles a wide range of bioplastic materials that come from production process of food packaging, fibers, thermoforming, production of single use plates, cups, glasses and cutlery. The company is organized for picking up little quantities or full trucks of waste to be reprocessed, in all Europe .

Two main product lines are: recycled PLA, the most popular and very versatile biopolymer with excellent properties, and biocompounds for film blowing extrusion for bags, that contains PLA, PBAT and starch, the products are certified EN 13432 (compostability certification). Gianeco's staff is working on the solutions to recycle other biopolymers like PHA and PBS that are still a small part of the market of bioplastics. Ensuring the high quality and optimal conditions for dry and protected storage and recycling of waste, Gianeco's recycled bioplastics are an interesting cost-saving alternative for a number of applications. [MT](#)

[www.gianeco.com](http://www.gianeco.com)

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# Biopolymere

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