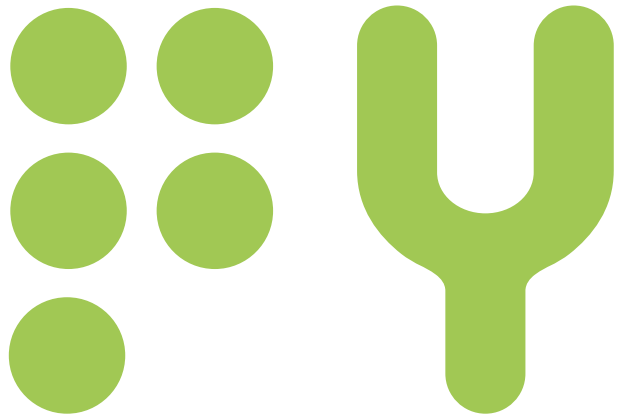




PACKAGING
CHE NUTRE
LA TERRA

**Polycart:
Flexible
packaging
made of
compostable
plastics**



Polycart Spa produces and prints biodegradable, compostable, **biomade** and conventional films in various thicknesses and sizes for extruded and co-extruded food-grade flexible packaging.

Advanced production technologies make it possible to obtain **products that are easily adaptable to specific needs**, with different colours and varying degrees of slideability, sealability and mechanical strength for each layer.

Polycart has always believed in the bioplastics sector and today, through investments in machinery and people, it continues with even greater commitment to improve the quality of its products and increase customer satisfaction.

Polycart produces **Biomade compostable** films and packaging that contribute to safeguarding the environment. The company implements an eco-friendly production cycle by using compostable and partly bio-based raw materials.

It adopts the principles of **green chemistry** and **circular economy** by using processes with a low environmental impact, as an act of responsibility towards future generations.

biomade **CompostLabel®**

Our goal is to be an industry leader in the development of sustainable and innovative packaging, able to attract talented professionals who share our vision, and engage and listen to our partners.

1. RESPECT FOR THE ENVIRONMENT

From the production sites to the areas where our products are used, by choosing responsible and competent partners.

2. PROTECTION OF PEOPLE

From safety to appreciation and development of each person's skills, the true cornerstone of the company's know-how.

3. CONSTANT CHECKS AND MONITORING

To ensure reliable processes, high-quality products and continuous improvement.

4. COMPETENCE

To ensure cutting-edge technological and organisational solutions while complying with legal requirements related to processes and products.

For each of these aspects, we involve all stakeholders to promote a working culture of excellence and innovation as a whole. Moreover, we seek continuous improvement in each project by developing a simple, effective and efficient Integrated Management model that minimises any form of waste.



***Anything
that cannot be measured,
cannot be improved.***

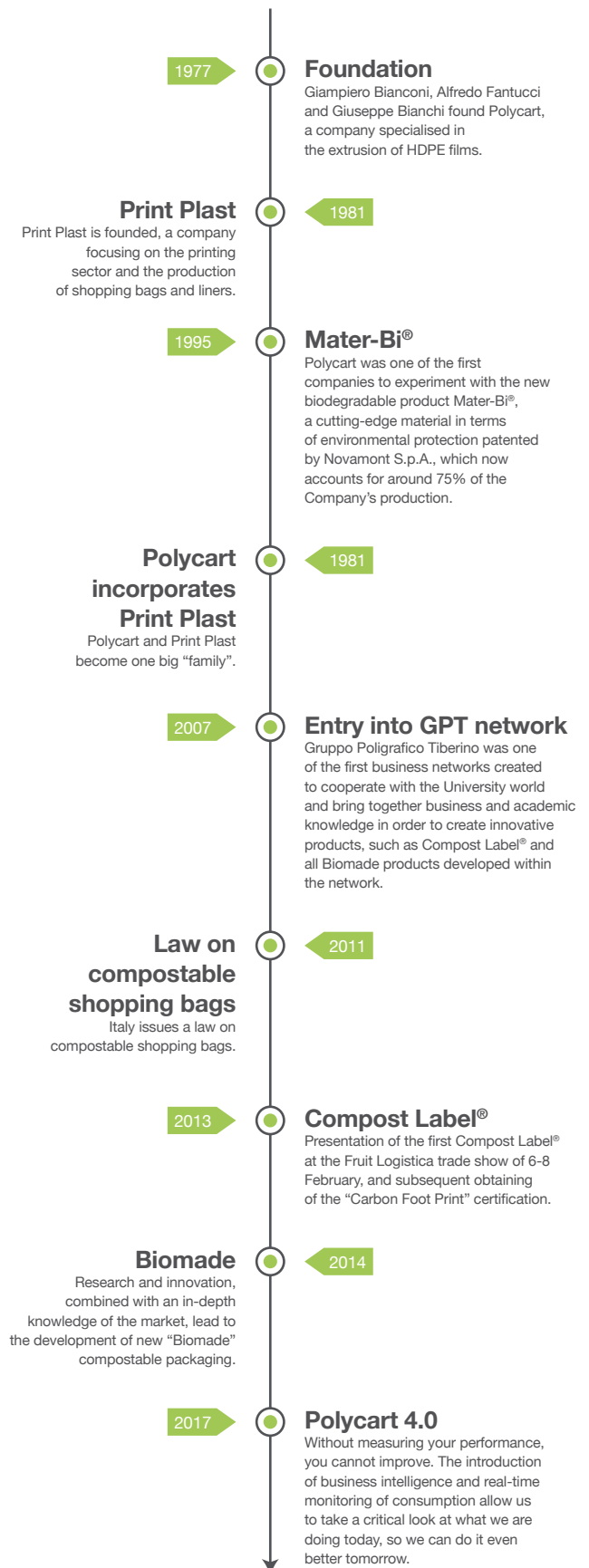
History of the company

The company **was founded in 1977** and immediately specialised in the extrusion of polyethylene films.

A few years later, **Print Plast** was created, a company operating in the field of flexographic printing and the production of liners and shopping bags, which was later integrated into Polycart.

Continuous investments in research and development of new materials led the company to experiment with the first biodegradable products, in particular **Mater-Bi®** Novamont, as early as 1995. Careful management of production processes led to the company obtaining **ISO 9001:2000 certification** in 1998. In 2007 the company became part of **GPT** (Gruppo Poligrafico Tiberino), one of the first business networks created to cooperate with the University world and bring together business knowledge in order to create innovative products, such as **Compost Label®** and all **Biomade** products developed within the network.

After more than 40 years in the industry, **Polycart** combines all the main aspects expected from a partner: reliability, flexibility, quality and transparency.



Production

Today, Polycart has more than 50 employees, 2 production plants (Palazzo di Assisi and Ospedalicchio di Bastia Umbra) and over 10,000m² of production space.

Polycart also has:

- > 10 extrusion and co-extrusion machines, all with automatic thickness control;
- > 10 welding machines, all with in-line printing for the production of shopping bags, liners and bags on rolls (with and without core), as well as die-cut and open-mouth poly bags bundled in blocks.

Polycart currently produces more than 8 million kg of materials annually, supplying a wide range of products.



Film

- ⊗ Compostable film for food packaging
- ⊗ Mater-Bi® films for industrial packaging
- ⊗ Compostable films for lamination onto paper (7 my)
- ⊗ HDPE films for lamination onto paper (6 my)
- ⊗ Compostable films for personal care
- ⊗ Mater-Bi® films for magazine packaging
- ⊗ Highly transparent compostable films for packaging of cosmetics
- ⊗ Compostable PE films for garbage bags
- ⊗ Mater-Bi® films for biodegradable mulch

Packaging

- ⊗ Mater-Bi® food-grade poly bags bundled in blocks
- ⊗ Mater-Bi® food-grade sheets bundled in blocks
- ⊗ “Bio Kids” biodegradable generic Mater-Bi® shopping bags
- ⊗ Mater-Bi® shopping bags customised for the large-scale retail channel
- ⊗ Reusable Mater-Bi® shopping bags
- ⊗ “Ok Compost” and “Ok Compost HOME” fruit and vegetable poly bags and T-shirt bags on a roll
- ⊗ Compostable bags for separate waste collection
- ⊗ Compost Label® compostable adhesive labels
- ⊗ “Biomade” compostable food-grade laminated paper

Gloves

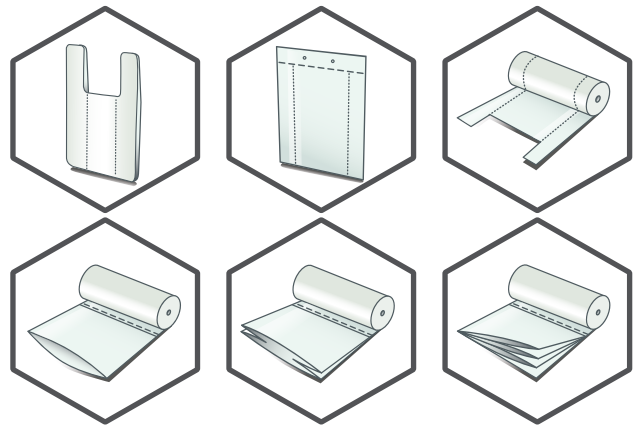
- ⊗ Biomade disposable gloves



Liners and shopping bags FV276

Safety and versatility make them unique in their category. A single package suitable for contact with all types of bulk food, as strong and transparent as a polyethylene bag but fully compostable with more than 50% content from renewable sources.

Polycart's shopping bags and liners are a fully Italian industry innovation: from bioplastic to finished product. Not only the bag but also the whole production cycle is environmentally friendly thanks to an extremely short supply chain.



Sicurezza



FOOD SAFETY

Our product, which complies with current legislation on environmental sustainability and food safety, is designed to come into contact not only with fruit and vegetables but also with all other food categories.

PERFORMANCE GUARANTEE

Each production batch is tested in-house to ensure a mechanical performance comparable to previous plastic bags (HDPE). The new products offer even greater resistance to tearing.

QUALITY GUARANTEE

For more than 20 years, Polycart has been manufacturing all its products using a quality management system that includes the control of incoming raw materials and in-house production and extends to the distribution chain with a near real-time traceability and collection system.

Versatility



APPLICATIONS

Whether for use in the fruit and vegetable, delicatessen, butchery or fishmonger departments, the same product is able to meet all the requirements of current legislation (law 123/2017) for the primary packaging of bulk foods.

EXTRA FEATURE

Although the material is compostable, it is just as transparent as the old polyethylene products: the goods packed in it will always be perfectly visible and recognisable.

RESISTANCE

Intended for food packaging but designed with transport of goods in mind. Unlike the bags distributed at the checkout, food packaging has no regulatory requirements in terms of mechanical resistance. Nevertheless, our products undergo the same evaluation criteria as take-away bags to ensure not only the safety of the food, but also its efficiency of storage without tears or unpleasant surprises.





Research & Development

Polycart constantly invest in research in order to achieve the goals that have allowed it to grow and bring innovation to the sector.

Believing in this business unit has allowed the company to be among the first to study **Mater-Bi**[®] converting processes and part of a network of companies that regularly benefits from the expertise of the University of Perugia.

Polycart's R&D department not only aims to stimulate the development of products and processes, but also to study solutions that respect and protect the environment in which we live.

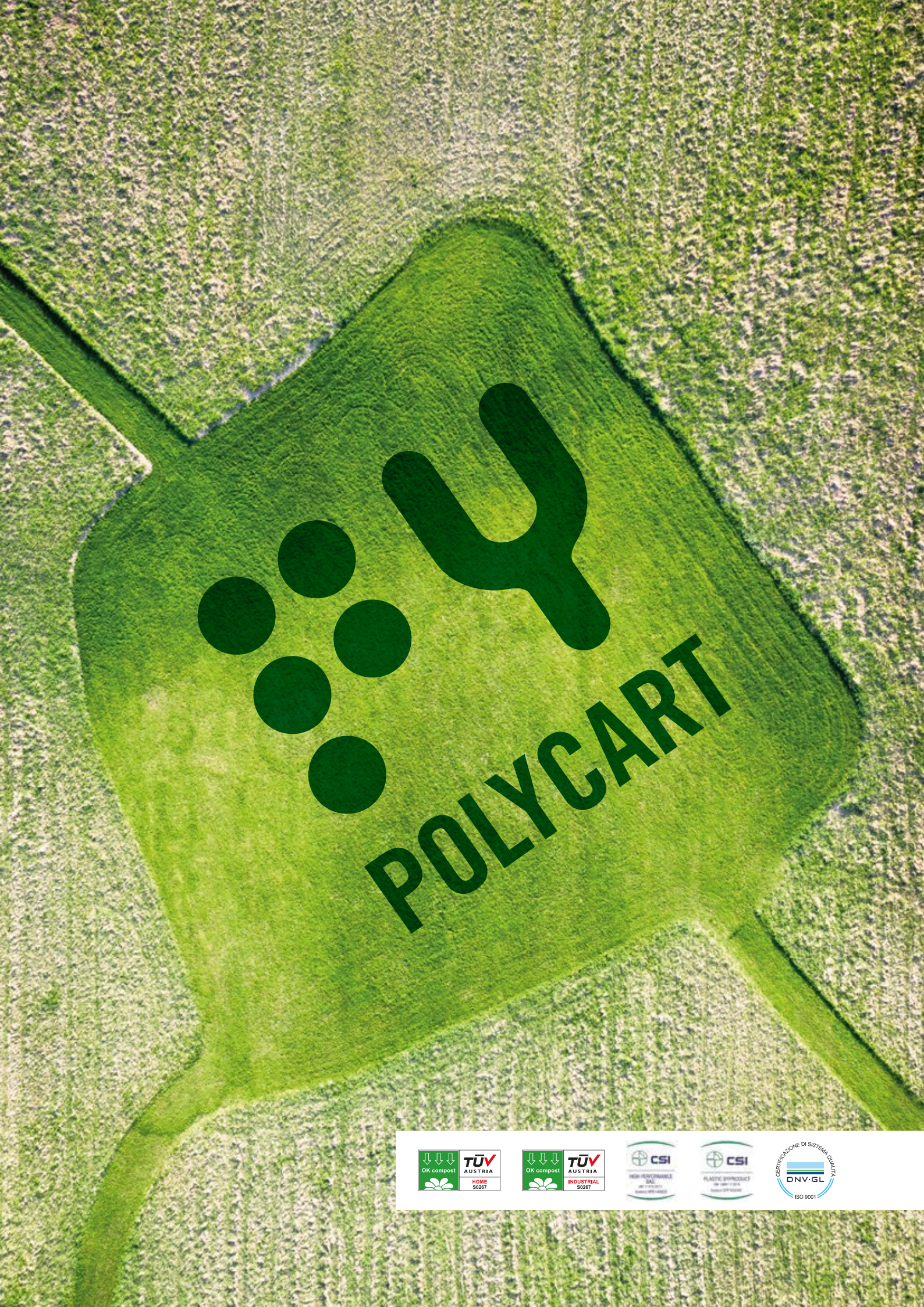
Our products are always supplied with marks certifying that they are compostable and only issued after careful checks by third-party laboratories.

COMPOSTLABEL[®]

One of the achievements of the R&D department is Compost Label[®], the new family of certified biodegradable and compostable adhesive products in accordance with UNI EN 13432. This innovative range of products contributes to solving the problem of creating and disposing of multi-material labels and packaging by fully embracing the philosophy of life cycle management while guaranteeing the same performance as traditional products.

BIOMADE[®]

Biomade flexible packaging series opens up new frontiers for biodegradable and compostable materials as it explores innovative solutions with regard to packaging and communication. This innovative range of products contributes to the protection of the environment and the consumer's health.



POLYCART





 **POLYCART**

Polycart Spa / Via delle Macine, 6
06081 Palazzo di Assisi / Pg

polycart.eu