



We are the world's leading company in the sector of **BIOPLASTICS** and in the development of **BIOPRODUCTS** obtained through the integration of **CHEMISTRY**, **ENVIRONMENT** and **AGRICULTURE**.

We promote a **BIOECONOMY** model based not only on the efficient and sustainable use of renewable resources, but also as a factor for territorial regeneration.

We are driven by **INNOVATION**: we invest in **R&D** activities and develop new proprietary technologies which allow us to constantly improve the performance and environmental profile of our products.

Our development model starts from local areas and creates **INTEGRATED BIOREFINERIES** by converting uncompetitive industrial sites, respecting the specific characteristics of the territories, in partnership with all stakeholders in the value-chain.

Our approach is cultural as well as industrial, with the aim to **CREATE JOBS** and **COMPETITIVENESS**, enhancing local skills and implementing training programmes at all levels.

NOVAMONT SYSTEM

- 1989** – Foundation of NOVAMONT (Fertec research centre)
- 1991** – Fertec incorporated into NOVAMONT
- 1996** – Acquisition of NOVAMONT by Investitori Associati and Banca Commerciale Italiana
- 1997** – 1st increase of production capacity of Terni plant
- 2001** – NOVAMONT achieves turnover break-even point
- 2004** – Technological development of biopolyesters ORIGO-BI
- 2006** – Foundation of Sincro, JV with Coldiretti
- 2011** – Conversion of the Patrica site in Lazio region and start of 1st continuous line of biopolyesters
- Creation of Matrica, JV with Versalis
- 2012** – Conversion of the Adria site in Veneto region for the production of biobutanediol and agreement with Genomatica. Foundation of Mater-Biotech
- Acquisition of Piana di Monte Verna biotechnology research centre in Campania region
- 2014** – Foundation of Mater-Biopolymer with acquisition of 78% of Patrica site
- 2015** – Matrica: production of first chemical intermediates from renewable resources
- Agreement with Coldiretti for the development of agricultural value-chains
- New brand identity
- 2016** – Grand opening of Mater-Biotech production facilities



MATER-BI grades are all certified to European and international standards by accredited bodies.



A SUCCESS STORY SPANNING OVER 25 YEARS

WHAT IS MATER-BI

MATER-BI designed and developed by **NOVAMONT**, is an innovative range of bioplastics which uses substances obtained from plants such as corn starch, and biodegradable polymers obtained both from renewable raw materials and fossil raw materials.

One of the components used to make **MATER-BI** is the **ORIGO-BI** range of biopolyesters obtained from vegetable oils using proprietary **NOVAMONT** technology.

CHARACTERISTICS

Biodegradability and compostability (**EN 13432**).

Versatility and processability.

High performance standards.

APPLICATION SECTORS

MATER-BI products are used in many different sectors, such as large-scale retail distribution, separate waste collection, catering, agriculture and packaging.

))) MATER-BI PRODUCT

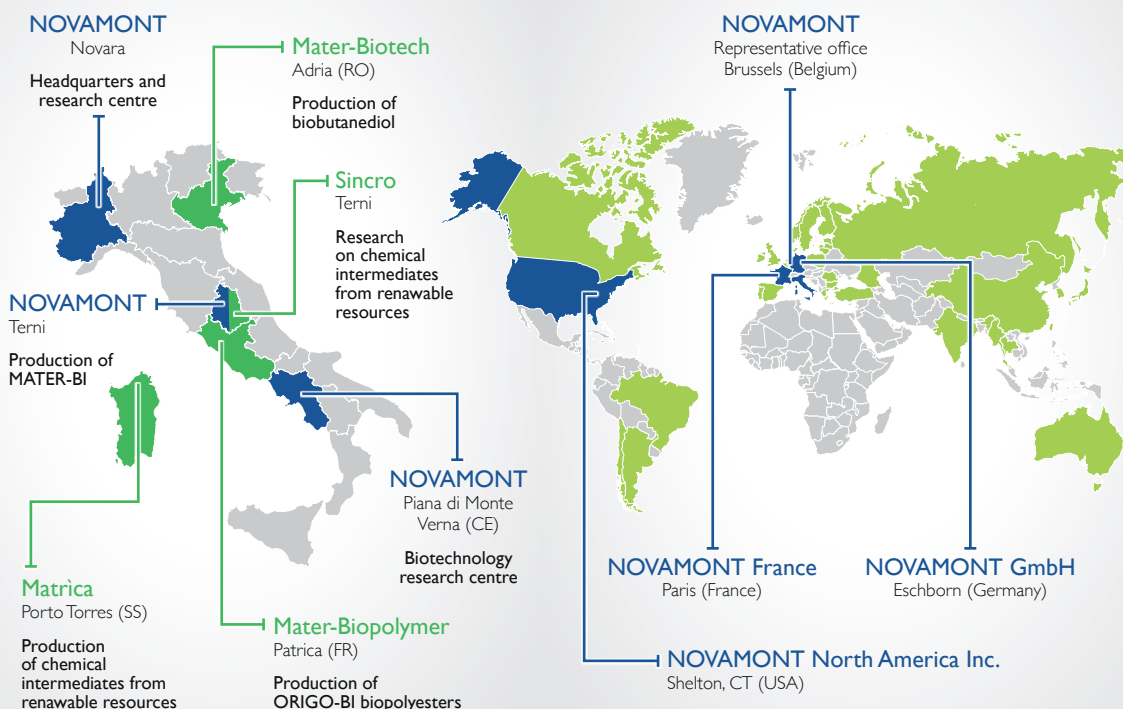
- 1989** – Biodegradable Mickey Mouse watch (Walt Disney)
- 1992** – Green Pen made from MATER-BI
- Production of first biodegradable bag made from MATER-BI
- 1998** – First MATER-BI package with Ecolucart in large-scale retail distribution
- 2001** – Launch of green tyre with Goodyear
- 2002** – Launch of Wave, a foam made from MATER-BI
- 2005** – Launch of Pneo, an innovative bag made from MATER-BI
- 2009** – 2nd generation MATER-BI
- 2012** – Foodservice products made from MATER-BI at the London Olympics
- Separate organic waste collection using MATER-BI bags in Milan
- 2014** – Launch of prototypes of 3rd generation MATER-BI bags at Ecomondo
- Fruit and vegetable bags made from MATER-BI at Unicoop Florence
- 2015** – Foodservice products made from MATER-BI for Eataly at Expo Milan
- First compostable Lavazza capsule

NOVAMONT GROUP: WHERE WE ARE

IN ITALY

■ Seats ■ Business network ■ Subsidiaries companies

WORLDWIDE



OUR PEOPLE

600 (+9% compared to 2014)

Since 2000: more than **300** training activities for young researchers in collaboration with the leading research institutions in Italy and abroad and continuous training for personnel at all levels.

ECONOMICS (2015 data)

OVER 1,000 PATENTS

PRODUCTION CAPACITY

MATER-BI: **120,000** tonnes p.a.
ORIGO-BI: **70,000** tonnes p.a.

TURNOVER

170 million

RESEARCH AND DEVELOPMENT

INVESTMENTS: **6.4%** of turnover
DEDICATED PEOPLE: **20%**



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