

We are a benefit company certified B Corporation, world's leader in the sector of **BIOPLASTICS** and in the development of **BIOPRODUCTS** obtained through the integration of **CHEMISTRY**, **ENVIRONMENT** and **AGRICULTURE**.

We promote a **CIRCULAR BIOECONOMY** model based not only on the efficient and sustainable use of renewable resources, but also as a factor for territorial regeneration, with a special focus on soil 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 and research centers, 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.

- 1990** – Foundation of NOVAMONT (Fertec research centre)
- 1991** – Fertec incorporated into NOVAMONT
- 1996** – Acquisition of NOVAMONT by private and institutional investors including Investitori Associati and Banca Commerciale Italiana
- 1997** – 1<sup>st</sup> increase of production capacity of MATER-BI in Terni
- 2001** – NOVAMONT achieves break-even point
- 2004** – Technological development of biopolyesters ORIGO-BI
- 2006** – Kick-off of biopolyesters production in Terni (discontinuous process)
- 2009** – 2<sup>nd</sup> increase of production capacity of MATER-BI in Terni
- 2011** – Conversion of M&G plant's PET line in Patrica (FR) - First continuous line of biopolyesters  
– Creation of Matrica, JV with Versalis in Porto Torres (SS)
- 2012** – Acquisition of a decommissioned plant producing lysine in Adria to reconvert it into a flagship plant for bio-BDO production. Mater-Biotech is founded  
– Acquisition of Piana di Monte Verna biotechnology research centre in Campania region  
– 3<sup>rd</sup> increase of production capacity of MATER-BI in Terni
- 2014** – Patrica's site assignment. Foundation of Mater-Biopolymer (78% NOVAMONT)
- 2015** – Matrica: production of first chemical intermediates from renewable resources
- 2016** – Grand opening of Mater-Biotech production plant
- 2017** – Acquisition of 100% of Mater-Biopolymer
- 2018** – Conversion of the second PET line is completed and production of ORIGO-BI is doubled
- 2019** – Start of the production of MATER-BI in the Mater-Biopolymer plant  
– Start of the construction of a demo plant for the production of furandicarboxylic acid in Terni
- 2020** – NOVAMONT becomes a Benefit Company and obtains the B Corporation Certification
- 2021** – Acquisition of BioBag International, world-leading company in the production and marketing of compostable and biodegradable products



## WHAT IS MATER-BI

**MATER-BI**, designed and developed by **NOVAMONT**, is an innovative range of bioplastics which uses vegetable feedstocks. Thanks to its biodegradability and compostability properties it allows optimal organic waste management and contributes to the development of virtuous systems, with significant advantages throughout the entire production-consumption-disposal cycle.

One of the components used to make **MATER-BI** is the **ORIGO-BI** range of biopolyesters obtained from raw materials of renewable origin using proprietary **NOVAMONT** technology.

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

## CHARACTERISTICS

Biodegradability and compostability (reference standard **EN 13432**) also in home composting.

Biodegradability in soil (reference standard **EN 17033**) for agricultural applications.

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.

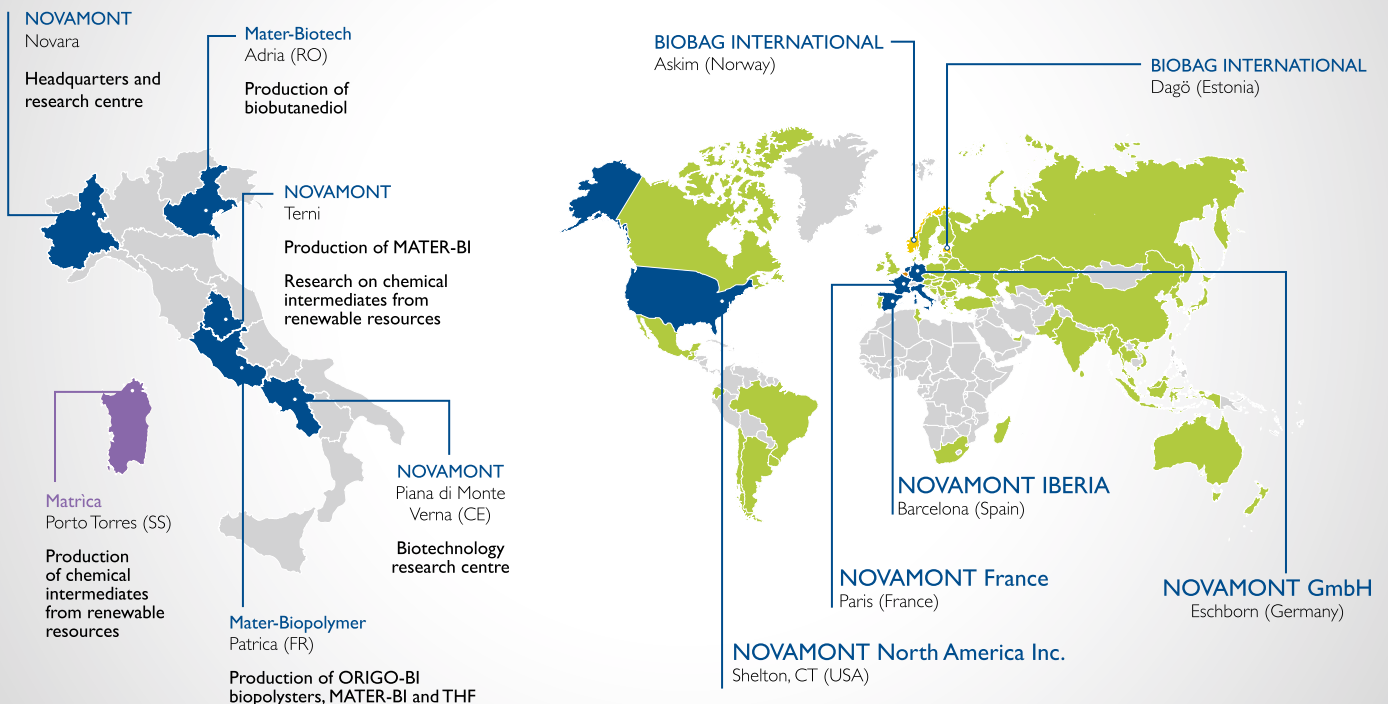
- 1989** – Biodegradable Mickey Mouse watch (Walt Disney)
- 1992** – Production of first biodegradable bag made from MATER-BI
- 1998** – First MATER-BI package with Ecolucart in large-scale retail distribution
- 2001** – Launch of green tyre with Goodyear
- 2002** – Launch of Wave, a foam made from MATER-BI
- 2005** – Launch of Pneo, an innovative bag made from MATER-BI
- 2009** – 2<sup>nd</sup> generation of 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 3<sup>rd</sup> 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 coffee capsule
- 2016** – 4<sup>th</sup> generation of MATER-BI
- 2017** – Further increase of MATER-BI renewable content (> 40%)
- 2018** – Production of biodegradable ingredients with exfoliating action for cosmetic products
- 2019** – Launch of the MATER-BI salad bowl at Marca  
– Biodegradable in soil mulch film certified for organic agriculture
- 2020** – Launch of the first multilayer and multi-material packaging for Colussi products (Misura product line)  
– Launch of the compostable tray for Fileni organic meat  
– Launch of biodegradable and compostable bag for fresh salads of the La Linea Verde group

# NOVAMONT GROUP: WHERE WE ARE

## IN ITALY

- Seats
- JV Novamont/Eni Versalis
- Business network
- Representative office Brussels (Belgium)
- Subsidiaries

## WORLDWIDE



## OUR PEOPLE

> 600

Since 1996: more than **400** training activities for researchers, and Phd in collaboration with the leading research institutions in Italy and abroad and continuous training for personnel at all levels.

## OUR 2019 IN NUMBERS

~ **1800**  
PATENTS / PATENT APPLICATIONS

### TURNOVER

**270**  
million €

### RESEARCH AND DEVELOPMENT

INVESTMENTS  
 ~ **5%**  
of turnover

DEDICATED PEOPLE  
 > **20%**

Certified



Corporation

NOVAMONT is a Benefit Company certified B Corporation that operates responsibly, sustainably and transparently towards people, communities, territories, the environment, cultural and social goods and activities, entities and associations and other stakeholders.

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

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

[info@novamont.com](mailto:info@novamont.com)

