



THE PILLARS OF OUR DEVELOPMENT MODEL

BIOECONOMY AS TERRITORIAL REGENERATION

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NOVAMONT is the international leader in the **bioplastics** sector and in the development of **biochemicals** and **bioproducts** obtained from the integration of chemistry, agriculture and the environment. It promotes a **model of the bioeconomy** as a factor of **territorial regeneration**, based on three pillars:



REGENERATION OF DEINDUSTRIALISED SITES

Reindustrialisation of no longer competitive sites thanks to **proprietary technologies first in the world** in order to create "**bioeconomy infrastructures**", integrated with the territory and interconnected



INTEGRATED AGRICULTURAL VALUE CHAIN

Development of **low impact value chains** through the valorisation of marginal land not in competition with food production, integrated in local areas and connected with the bioeconomy infrastructures



PRODUCTS CONCEIVED AS SOLUTIONS

Products and value chains are conceived and designed to provide **unique** and **sustainable solutions** for specific environmental and social problems closely related to **water** and **soil** quality



OUR DNA

NOVAMONT: A GROUP WITH A TRIPLE VOCATION

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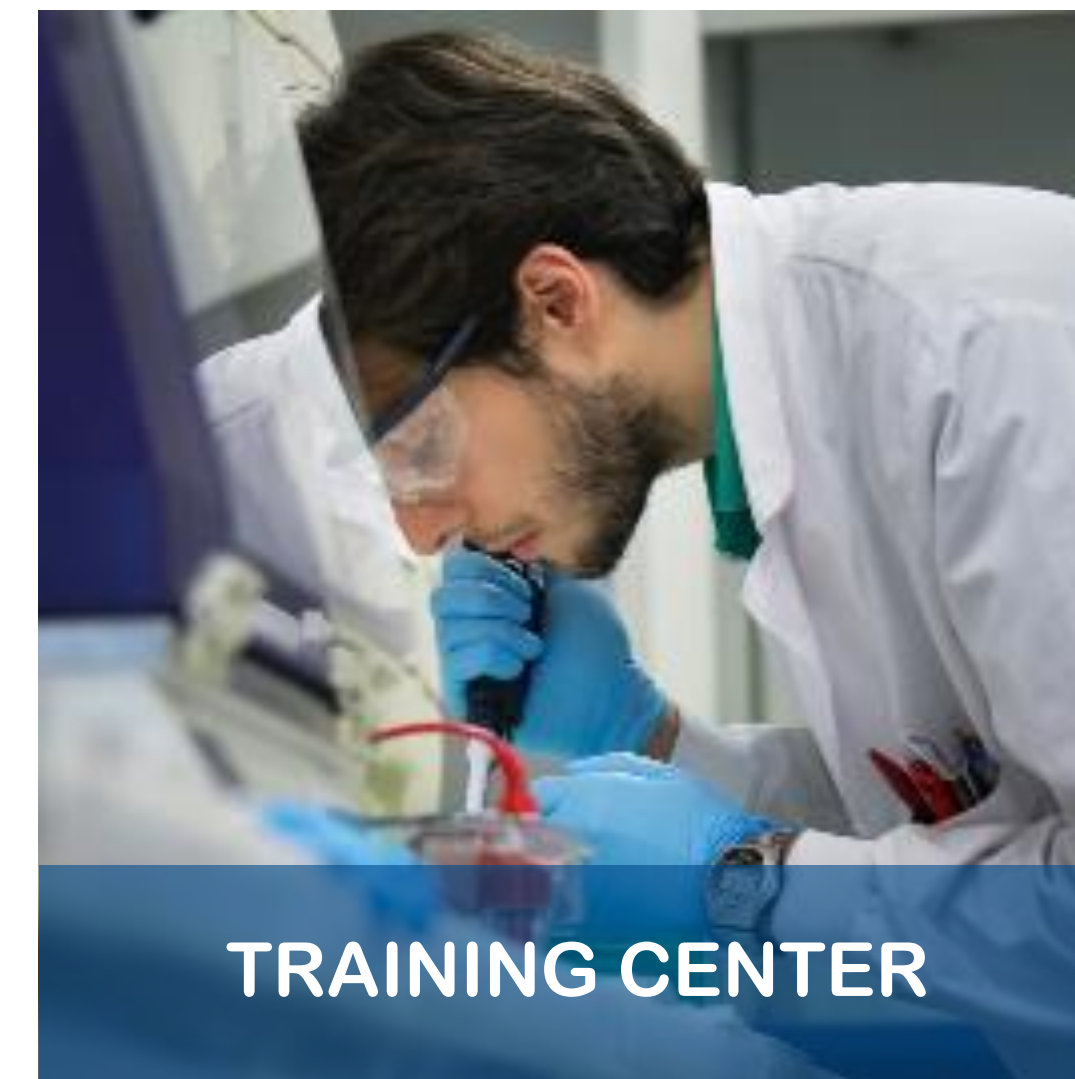
INDUSTRIAL STRUCTURE

- Turnover: ~ **238 mln/€***
- **> 600** people*
- **2** research centers
- **9 Mater-Bi** production lines
- **6 Origo-Bi** production lines
- **1** plant for the production of **Matrol-Bi**
- **1** plant for the production of **BIO-BDO** from fermentation
- 1 plant for the production of **BIO-THF**
- Matrìca (JV Eni Versalis)



RESEARCH & DEVELOPMENT

- ~ **5%** of investments compared to turnover*
- **>20%** of people dedicated to research, development and innovation activities*
- **5** world-first technologies
- ~**1.800** patents / patent applications*



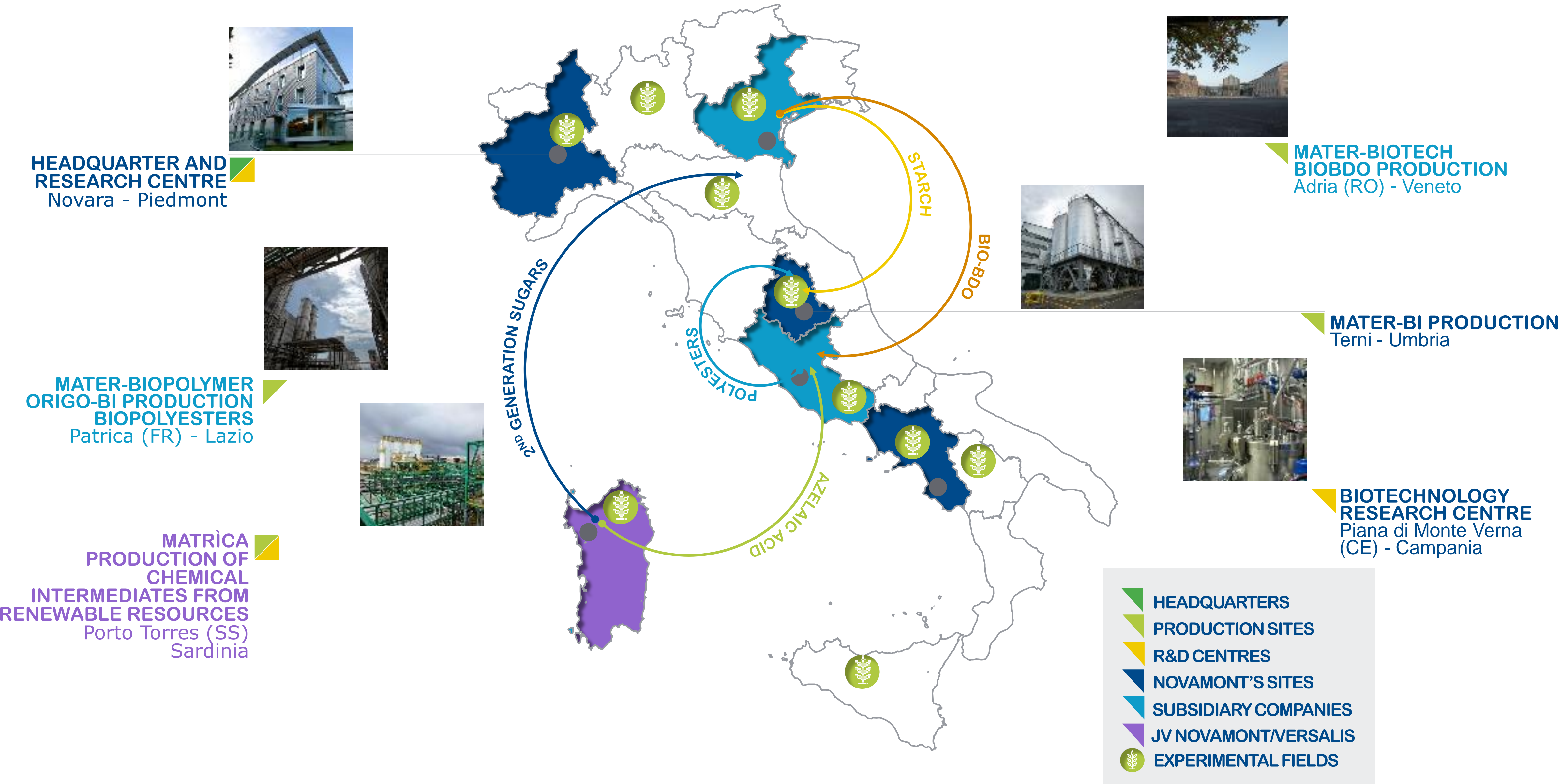
TRAINING CENTER

- **400** training activities since 1996 for young researchers and experts*
- multidisciplinary training paths activated on complex projects
- collaborations with national and international universities and research centers



A COMPANY WITH ROOTS IN THE TERRITORY

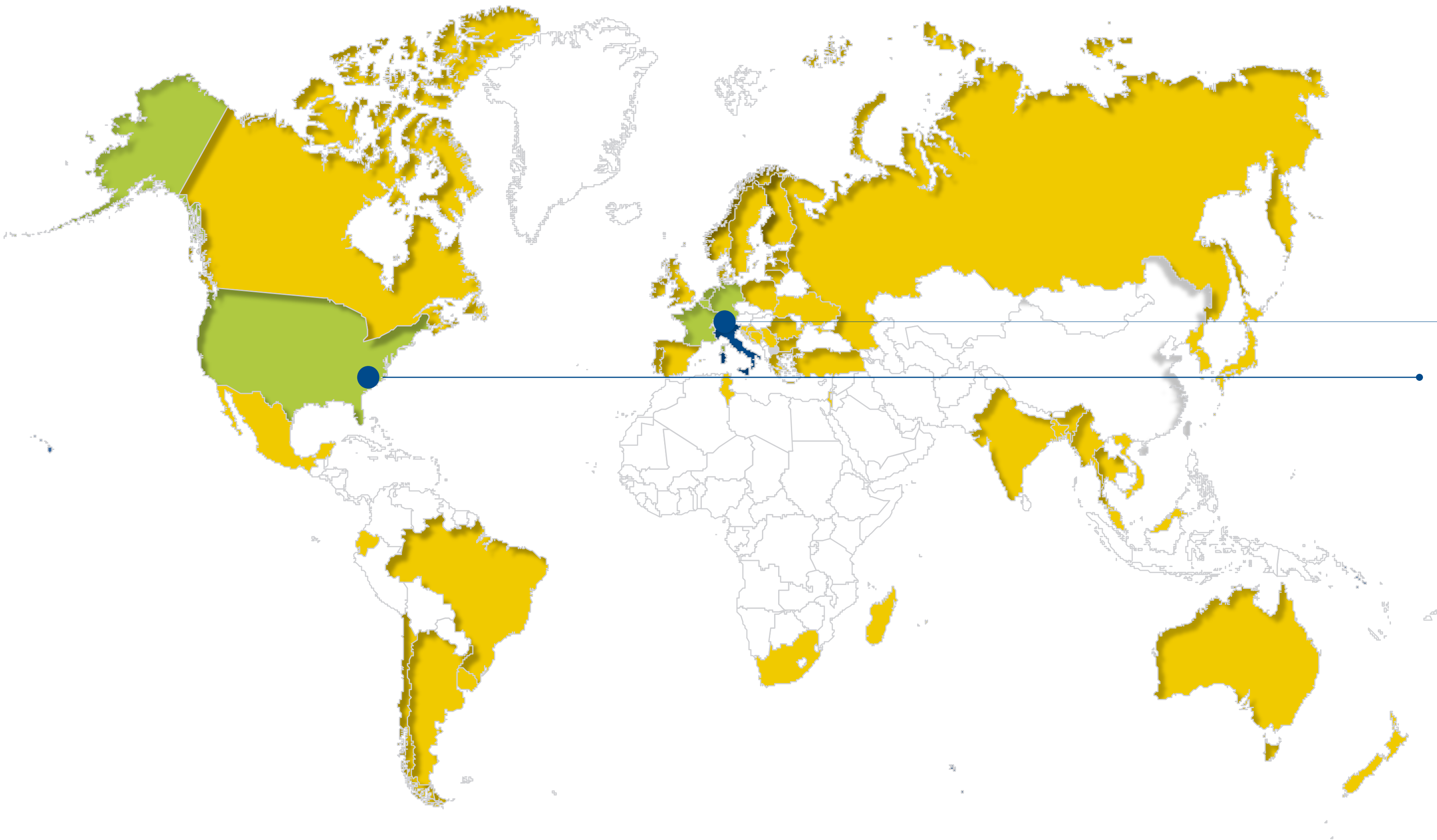
THE NOVAMONT GROUP IN ITALY





A WORLDWIDE COMPANY

THE NOVAMONT GROUP IN THE WORLD



NOVAMONT
NORTH AMERICA INC.
Shelton, CT (USA)

NOVAMONT S.P.A.
Novara (Italy)

NOVAMONT FRANCE
Paris (France)

NOVAMONT
REPRESENTATIVE OFFICE
Bruxelles (Belgium)

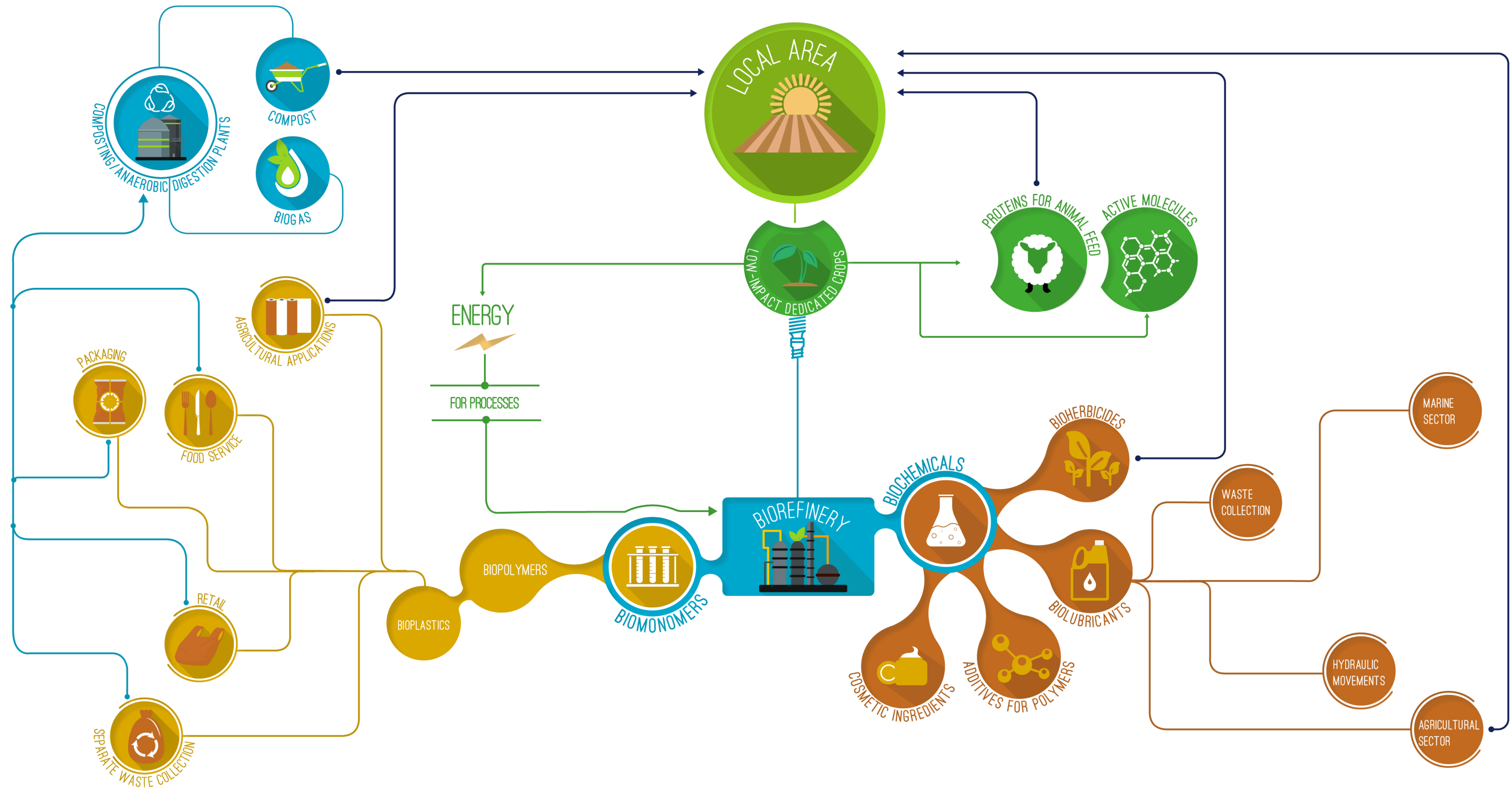
NOVAMONT GMBH
Eschbon (Germany)

- HEADQUARTERS
- SITES OUTSIDE ITALY
- BUSINESS NETWORK



THE BIOREFINERY INTEGRATED IN THE LOCAL AREA

OUR DEVELOPMENT MODEL





NEW BIOPRODUCTS FOR NEW MARKETS

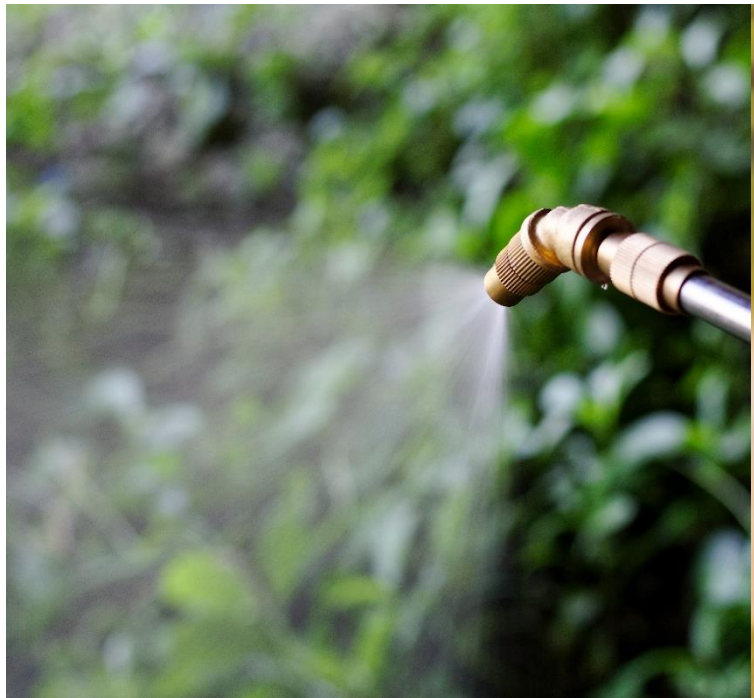
CUSTOMIZED SOLUTIONS IN SENSITIVE SECTORS: THE ENVIRONMENT AND HEALTHCARE



COSMETIC
INGREDIENTS

BIOLUBRICANTS

BIOHERBICIDES





NO DATA MERG-BT



FROM NOVAMONT RESEARCH IT BECOMES MATER-BI

THE CONTROLLED, INNOVATIVE, GUARANTEED BIOPLASTIC

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RENEWABILITY

Use of **renewable raw materials**
(dedicated crops, not in competition with food crops, scraps)



BIODEGRADABILITY AND COMPOSTABILITY

Biodegradable with the possibility of organic recycling (composting and anaerobic digestion)

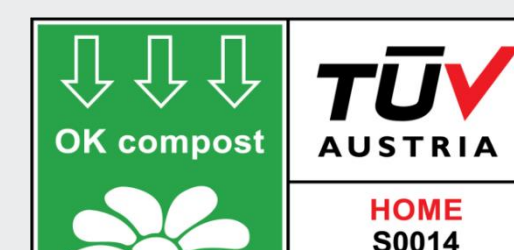
Controlled bioplastic

as a result of a constant innovation towards attaining the highest and most stringent **quality standards**

- Solution for **specific environmental problems**
- Added value both **in use** and in the **end-of-life**
- **Biodegradation** in **composting, soil** and **marine environment**
- Accredited and certified by international bodies as conforming to European standard **EN 13432**



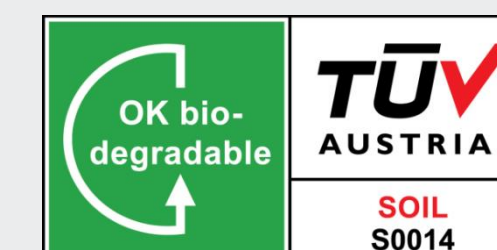
compostable



BPI®

COMPOSTABLE
IN INDUSTRIAL FACILITIES

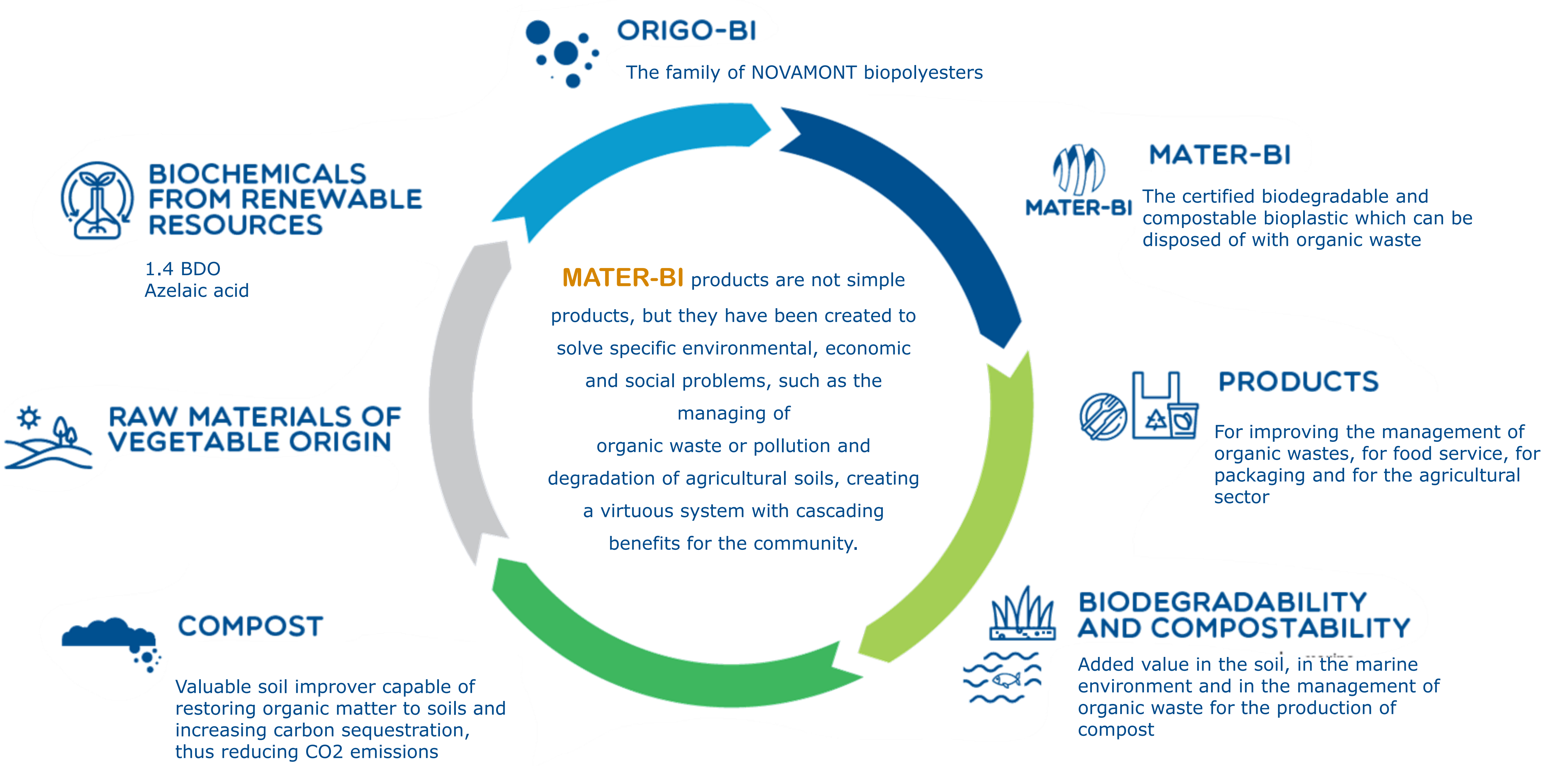
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FROM NATURE TO NATURE

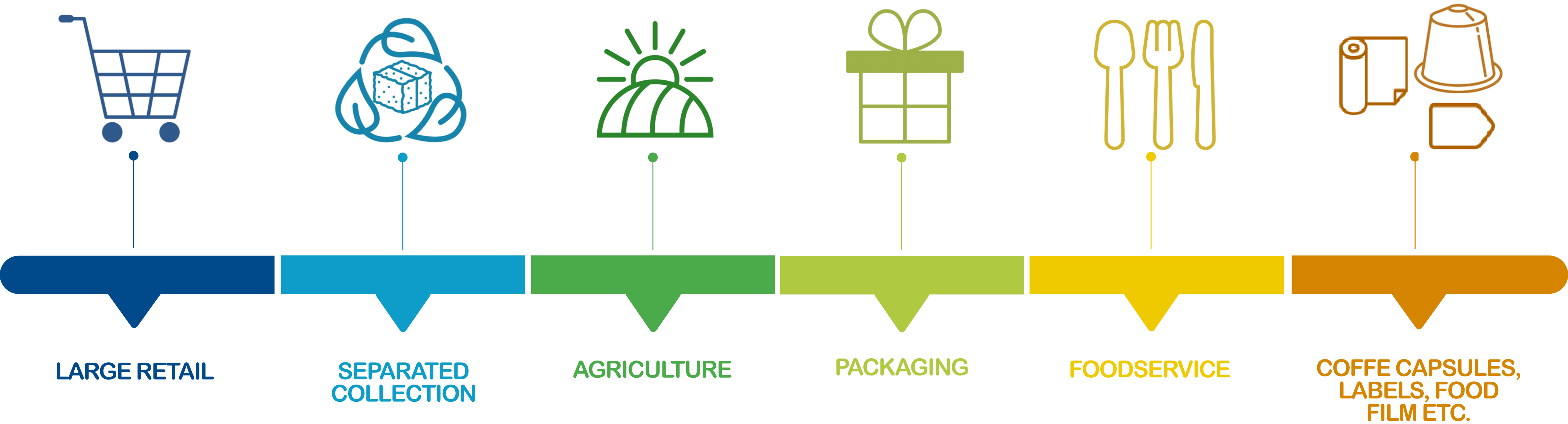
MATER-BI CYCLE





APPLICATION SECTORS OF BIOPLASTICS

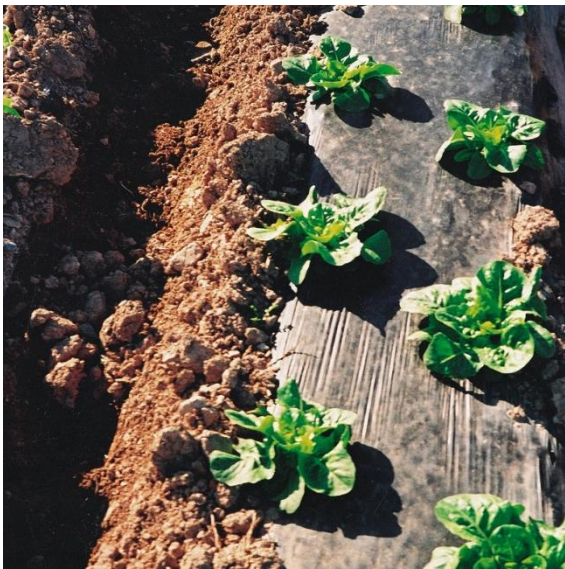
SECTORS WHERE BIODEGRADABILITY AND COMPOSTABILITY REPRESENT AN ADDED VALUE





TAILOR-MADE APPLICATIONS

WHERE BIODEGRADABILITY AND COMPOSTABILITY REPRESENT AN ADDED VALUE





RESEARCH, DEVELOPMENT AND INNOVATION PROJECTS

IN COLLABORATION WITH LEADING ITALIAN AND INTERNATIONAL COMPANIES AND R&D CENTERS

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NOVAMONT takes part in **Research, Development and Innovation projects** in collaboration with leading Italian and international companies and R&D centers, aiming to create **strategic and lasting partnerships** between the research, industrial, agricultural and institutional fields and to generate new integrated supply chains.



""The challenge of our millennium is in the balance between the technical means that humanity possesses and the wisdom in how we will make use of them".

UMBERTO COLOMBO



SPEAKER



MAIL

THANK YOU FOR YOUR ATTENTION

www.novamont.com

