NOVAMONT
A Versalis Company

Novamont Sustainability in a nutshell 2024

Certified B Corporation

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B
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Message to the **stakeholders**

Catia Bastioli
Chief Executive Officer

In the international context, deeply influenced by an unstable geopolitical climate and by inconsistencies between regulations, markets and trade policies that do not always favour innovation, 2024 has been a particularly significant year for Novamont. We have continued to seize tangible opportunities to pick up pace, enabling us to fully capitalise on what we have built over the years, while avoiding slowing down our developments as the world moves along the path we have had the privilege to create.

Novamont, with its expertise and proprietary technologies in the development of bioproducts, biodegradable and compostable bioplastics, bioherbicides, biolubricants and solutions for agriculture, cosmetics and lubrication, is today at the heart of Versalis' biochemistry platform and is one of the pillars in the transformation process of Eni's chemical sector. Thanks to its biorefineries for bioproducts, which are fully operational and have significant potential for evolution, it represents a strategic asset for the development of a unique circular bioeconomy platform, that is rooted in Italy and Europe, with opportunities to connect with other regions. This platform is not only capable of generating innovation on an industrial scale but also of actively contributing to Versalis' decarbonisation objectives.

Aware of our crucial role in this transformation journey, in 2024 we worked to continue maximising decarbonisation potential, using our plants' capacity far more efficiently than in 2023.

We have accelerated the development of low-input crops and the implementation of new technologies to transform waste and by-products into new raw materials and products, progressively reducing our dependence on feedstock and steadily increasing its sustainability. In particular, pilot-scale trials have continued to fine-tune new processes aimed at reusing by-products from biotechnological production and transforming them into value-added products, as well as developing initiatives to combine different recycling technologies, such as composting, chemical recycling and mechanical recycling.

In line with our mission to design biodegradable and compostable products that do not accumulate in water and soil and do not release persistent microplastics, in 2024 we focused on developing applications with a high renewable content and on validating products in accordance with the delegated act on the biodegradability criteria for biodegradable films, which establishes their inclusion in the EU Fertilising Products Regulation as “Inorganic Soil Conditioners”.

Thanks to increasingly consolidated partnerships, we now have several fully operational supply chains for the production of paper-based flexible food packaging: high-barrier flexible packaging, extrusion-coated paper, laminated paper and related containers, as well as supply chains dedicated to the production of capsules. In 2024, TERRIFIC was launched - the European flagship project coordinated by Novamont and funded by the Circular Bio-based Europe Joint Undertaking — which aims to show and develop eight innovative solutions for the packaging sector, using renewable raw materials with a circular approach.

Highly valuing clear and responsible environmental communication, we have continued to promote the distinctive element of supply chain traceability and certification. In 2024, with the methodological support of Deloitte Climate & Sustainability**,** we developed a tool verified by Certiquality, thanks to which we can calculate the carbon footprint of all our products made from Mater-Bi biodegradable and compostable bioplastics. This is further proof of traceability of compostable bioplastic solutions and a step towards higher certified environmental sustainability, as well as quality and legality, that have always been guaranteed by the Mater-Bi label.

In the agricultural sector, after many years, with the support of Coldiretti, we have achieved the approval in Italy for the innovative Ager-Bi plant protection products with a very high concentration of pelargonic acid. These products have continued to prove remarkable effectiveness as herbicides, suckering agents, thinning agents or desiccants on crops such as tobacco, vines, hazelnuts, baby leaves and orchards. We also presented a successful case study promoting compostable twines and clips for the agricultural sector, thanks to collaboration with Bayer CropScience, ARaymond, Sach and Sicor.

We have continued our activities to promote separate waste collection models. In particular, in Portugal we joined forces with our partners and local stakeholders to promote composting in schools. Meanwhile, collaboration with Amazon Fresh has continued, aimed at testing the use of Mater-Bi packaging in the Italian and Spanish markets to help reduce the environmental impact of packaging.

Novamont is a Benefit Company and a B Corp that has chosen by statute to act as a regenerative force, aiming at transparency and driving entire supply chains towards ever higher environmental standards, helping them to become an active part of change. For these reasons, Novamont will continue to create systems that have a positive impact on society and continuing to apply high standards for itself and its stakeholders. It is worth noting that the percentage of revenue covered by the Taxonomy (91% of Novamont’s revenue related to economic activity 3.17) was 97.7% sustainable in 2024, in accordance with the Taxonomy guidelines.

This year of deep integration with Versalis and Eni, built on sharing expertise, visions and values has laid the foundations for a new design energy, capable of enhancing our respective strengths and tackling the challenges of the ecological transition together, making it increasingly clear how essential a shared plan is, one that involves institutions, industry, associations and social partners. This is particularly true for the circular bioeconomy sector which, in its dynamic evolution, can contribute to revitalising the industrial competitiveness of the European Union only through a common and systemic vision.

In this scenario, the task ahead of us is not only technical or industrial, but deeply cultural and transformative. It requires us to act with vision, responsibility and consistency, building connections between different stakeholders and overcoming the barriers often created by the difficulty of recognising what unites us beyond our differences. Only in this way will we be able to shape a shared future, helping to generate greater value for regions and people while reducing environmental impact.

Reading guide

This document brings together, for the seventeenth consecutive year, information and data on the sustainability approach **adopted by Novamont**, highlighting the key issues that guide the organisation.

It has been publishing annual Sustainability Reports since 2008, as part of its process of continuous improvement, which is in line with the most recent developments in sustainability information reporting regulations. In addition, as of 2021 Novamont, as a Benefit Company, has been committing to report annually on progress towards the achievement of common benefit purposes in the Impact Report. The Impact Report, now in its fifth edition, reports on the positive impacts generated by the company and also describes its commitments and objectives for the future.

ENI FOR 2024

VERSALIS FOR 2024

2024 IMPACT REPORT

Since October 2023, Versalis S.p.A. (a company of the Eni group) has held 100% of the share capital of Novamont S.p.A. Therefore, from this year onwards, all comprehensive information and quantitative and qualitative indicators relating to the Novamont group companies have been included in Versalis for, the voluntary sustainability report of the parent company. This document has therefore been designed to complement the corporate documentation, providing a clear and concise overview of Novamont's approach to sustainability, focusing on the distinctive information that defines the company's identity.

Reporting scope

The document contains qualitative and quantitative information about the companies belonging to the Novamont group (hereinafter "Novamont"), which consists of Novamont S.p.A. and its subsidiary Mater-Biotech S.p.A. (merged into Novamont S.p.A. in December 2024), Mater-Agro S.r.l., Novamont North America Inc., Novamont France S.A.S., Novamont Iberia S.L., and the companies of the BioBag group: BioBag International AS, Dagöplast AS and BioBag Americas Inc To ensure consistency and alignment with the reporting scope defined by the parent company, the following companies have been excluded from this document: Novamont GmbH, BioBag Norge AS, BBI Sverige AB, BioBag Finland Oy, BioBag Zenzo A/S, BioBag Inc., BioBag Plastics Ltd. BioBag UK Ltd, BioBag Polska Sp. Z o.o.. and BioBag Baltic OÜ. This methodological choice ensures a consistent and comparable framework for the information provided. An exception is represented by Matrìca S.p.A., whose information will be incorporated into the Novamont scope starting next year.

Base year

The data and information contained in the document refer to the 2024 financial year (from 1 January to 31 December). It should be noted that, where relevant, some data and information relating to the year 2025 are also included, concerning significant events that occurred after the end of the financial year but before the publication date of the document, duly indicated by a specific note.

Nature of the data

To provide a correct representation of performance and guarantee the reliability of the data, the use of estimates has been limited as much as possible; where present, estimates are based on the best methods available and are flagged as such.

Reference standards

This document draws inspiration from the GRI Sustainability Reporting Standards published in 2021 by the Global Reporting Initiative (GRI) for the selection of certain indicators (KPIs) and for the presentation of some information, without, however, constituting reporting in compliance with these standards.

Assurance

The company has not carried out an external review of the reported information. Therefore, relative contents have been internally developed and verified and haven't been subject to external third party checks.

Approval and publication

The Report was approved by the Board of Directors of Novamont S.p.A. on the 11 December 2025 and published on 19 December 2025.

Contacts

For any information about the document please email csr@novamont.com.

For a complete understanding of the contents of this document, please refer to the 'Glossary' in Versalis For 2024, which contains a collection of definitions of the terms most commonly used in Novamont's language.

2024 Highlights

> 20%
of employees involved in Research and Development activities

€15.5 mln
Of investments in Research and Development[1]

~1,600
active patents and patent applications and **138** patent families as of 2024

493
partnerships with companies, research centres, universities, non-profit organisations and local government in the context of research, development and innovation projects

97.7% alignment with the **EU Green Taxonomy** criteria for the Manufacture of plastics in primary forms.

66%
share of regenerative turnover

Adoption of the **COACH tool *(Circularity-Oriented Assistance for CHemical companies)*,** developed by Federchimica in collaboration with Certiquality and ERGO – Scuola Superiore Sant'Anna, to measure and improve the circularity of activities.

1 - Investment only in relation to Novamont S.p.A.

52%
materials from renewable sources of plant origin

99.9%
of the electricity purchased **comes from renewable energy sources** certified through **Guarantees of Origin (GO)**

>110
suppliers involved in the EcoVadis to assess the sustainability performance of Novamont's supply chain

Launch **of the Open-Es project**

88%
Mater-Bi and THF business customers who are satisfied or very satisfied with Novamont

Discovering Mater-Bi the following educational projects continued: 'Alla scoperta del suolo' (Discovering the soil) and 'Elementi di didattica per insegnare il suolo: la fabbrica della vita' (Educational elements for the soil: the factory of life)

> 1,500 students
220 teachers involved

Novamont was awarded again the **Platinum medal in the EcoVadis CSR performance assessment.**

Participation as guests, speakers and supporters in **over 100 national and international events** (including the G7 Environmental Workshop – Sustainable and Circular Bioeconomy for reducing emissions and restoring ecosystems; the exhibition 'Italy of Patents' on the occasion of the 140th anniversary of the Italian Patent and Trademark Office; the 6th National Conference on Circular Economy and the 22nd International Forum of Coldiretti).

603 Employees

Officine Novamont:
13 delivered courses and
154 participants involved

Workplace Health Promotion (WHP) project launch in the Terni branch

Participation in the **Target Gender Equality** acceleration programme promoted by the UN Global Compact.

Creation of a **dedicated space** on D&I within 'Officine Novamont' and launch of a **periodic themed newsletter** to share research, reflections and best practices among employees.

01. Novamont

Founded in 1990,Novamont is an Italian **B Corp** certified **benefit company**, and a among the international players in the bioplastics sector, of **biochemicals** and other **bioproducts**. These products, thanks to their compostability and **biodegradability in different environments**, can contribute to reducing non-recoverable waste and to protecting better the ecosystems, particularly the soil.

Novamont's roots lie in the **Montedison School of Material Science**, where a number of researchers, led by Catia Bastioli, began to develop the ambitious project of integrating chemistry, the environment and agriculture, or "**Living chemistry for a better quality of life**".

Novamont branches **in Italy**

NOVAMONT Novara (NO)

MATER-AGRO Novara (NO)
Products distribution
for agricultural purposes

NOVAMONT Rivalta Scrivia (AL)

NOVAMONT Patrica (FR)
Origo-Bi biopolyesters
Mater-Bi bioplastics
bio-THF recovering 1.4 bioBDO

NOVAMONT Bottrighe, Adria (RO)
1.4 bio BDO
Advanced biomethane

NOVAMONT Terni (TR)
Origo-Bi biopolyesters
Mater-Bi bioplastics
Matrol-Bi and FDCA

NOVAMONT
Piana di Monte Verna (CE)

MATRÌCA Porto Torres (SS)
Pelargonic acid and **azelaic acid**
C5-C9 **deacids**, **heavy tails**

- **NOVAMONT'S SITES**
- **EXPERIMENTAL FIELDS**
- **Production sites**
- **R&D centres**
- **Technology hubs**

4
PRODUCTION SITES
(ONE OF WHICH GOING THROUGH A TRANSFORMATION)

4
RESEARCH AND DEVELOPMENT CENTRES

3
ACTIVE TECHNOLOGY HUBS

Novamont branches in the world[2]

- NOVAMONT'S BRANCHES
- COMMERCIAL NETWORK

BioBag
Toronto (Canada)

BioBag Americas
Dunedin, FL (USA)

BioBag Baltics
Tallinn (Estonia)

BioBag Finland
Vantaaa (Finland)

BioBag International
Askim (Norway)

BioBag Ireland & UK
Delgany (Ireland)

BioBag Norway
Askim (Norway)

BioBag Polska
Wroclaw (Poland)

BioBag Sweden
Torsby (Sweden)

BioBag Zenzo
Hilleroed (Denmark)

Dagöplast
Kaina (Estonia)

2 - The branches below are excluded from the scope of the report and from this document: Novamont GmbH, BioBag Norge AS, BBI Sverige AB, BioBag Finland Oy, BioBag Zenzo A/S, BioBag Inc., BioBag Plastics Ltd. and BioBag UK Ltd

603 employees as of 31 December 2024

EUROPE

Italy: **471**

Novara: **158** Terni: **121** Patrica: **108**

Piana di Monte Verna: **14** Bottrighe: **70**

Estonia: **95** Belgium: **1** France: **2**

Norway: **11** Spain: **3**

NORTH AMERICA

USA: **20**

Research and Development

15.5 million

of investments in Research and Development

The investments include the cost of personnel, the cost of tools and equipment depreciation, the purchase of goods and services of a technological nature (e.g. materials used in the laboratories) and the cost of patents

>20% of employees dedicated to **Research & Development activities** and involved in the following areas of research:

- BIOPLASTICS
- SCOUTING TECHNOLOGIES - FOR SPECIAL MATERIALS PROJECTS
- AGRONOMY
- BIOTECHNOLOGIES
- ORGANIC CHEMISTRY
- TRANSVERSAL SERVICES (including process engineering)

4 Research centres

in Novara, Piana di Monte Verna, Porto Torres and Rivalta[3]

3 Technology hubs

in Terni, Patrica and Bottrighe, with pilot and demo plants

15,400[4] sqm

of areas dedicated to labs

housing equipment and facilities ranging from labs to innovative pilot plants.

~1600

active patents and patent applications

and 138

Patent families

in the field of natural and synthetic polymers, of transformation processes of renewable raw materials of plant origin and for products in multiple application areas (e.g. packaging, agriculture, lubricants, herbicides, cosmetics)

13

Proprietary technologies

Industrialised of which 4 are world firsts of their kind

3 – The Rivalta site was merged in 2025

4 – Data updated to reflect the merger of the Rivalta site and the full acquisition of Matrica S.p.A.'s shareholding in 2025, prior to the publication of this document

The technical expertise

- Plastics conversion technologies
- Mechanical characterisation of materials
- Engineering
- Materials sciences
- Chemical-physical characterisation
- Physical chemistry
- Rheology
- Agronomy
- Analytical chemistry
- Industrial biotechnology
- Polymer synthesis
- Contact with food
- Modification of micro-organisms
- Enzymatic transformations
- Experimental design
- Multivariate statistical analysis

02. The Governance

In a macroeconomic and geopolitical context marked by strong instability, Novamont firmly reaffirms the central role of a **more sustainable development** as a cornerstone of its corporate strategies. For Novamont increasing sustainability is not only an objective to achieve, but a guiding principle that defines all the business activities and permeates the whole value chain.

Novamont's approach aiming at increased sustainability is based on **creating long-term value,** not only for shareholders but for all stakeholders involved, with a view to harmonising its objectives of economic growth, social inclusion and environmental protection.

Novamont's commitment has also resulted in the **redevelopment of decommissioned industrial sites**, the creation of new production chains and the establishment of a collaborative network with farmers, processors, local authorities and other regional stakeholders.

NOVAMONT SUSTAINABILITY RATINGS

PLATINUM Top 1% ecovadis Sustainability Rating AUG 2024

Scorecard: **83/100**

Open-es

Open-es level: **11/12**

Certified B Corporation

B Impact Score **126.2/200**

"In 2020, Novamont adopted the legal status of a **Benefit Corporation**, including in its articles of association five common benefit objectives in favour of society, local communities and the environment. At the same time, Novamont obtained **B Corp** certification, an international recognition awarded by B Lab to companies that meet rigorous standards in terms of environmental and social impact.

The governance model

Novamont S.p.A.has adopted a **traditional Governance model** characterised by the presence of the following bodies: the Shareholders' Meeting, the Board of Directors (BoD), the Board of Statutory Auditors, the Supervisory Board (SB). The statutory audit of the accounts is entrusted to an auditing company appointed by the Shareholders' Meeting.

SHAREHOLDERS' MEETING

Appoints the members of the Board of Directors and of the board of statutory auditors;
Approves the Financial Statement.

BOARD OF DIRECTORS[5]

Draws up corporate strategies, assesses Novamont's economic, social and environmental performance, analyses risks and opportunities, assesses compliance with regulations and codes of conduct.

1 CHAIRPERSON
Catia Bastioli

1 CHIEF EXECUTIVE OFFICER
Catia Bastioli

4 BOARD MEMBERS
Assandri Fabio, Arces Ignazio, Meropiali Franco, Letizia Rosario

meets at least three times a year

SUPERVISORY BOARD

Ensures that the OMM is implemented and complied with, and sees that it is updated;

Reports to the Board of Directors at least once a year on the work carried out.

3 MEMBERS

INTERNAL COMMITTEES

Permanent or temporary cross-functional task forces with decision-making and/or advisory powers.

They meet at regular intervals.

BOARD OF STATUTORY AUDITORS

Ensures that the law and articles of association are complied with and that the principles of sound administration are followed.

1 CHAIRPERSON
2 STANDING AUDITORS
2 ALTERNATE AUDITORS

5 - Please note that, as of the date of publication of this financial statement, on 27 June 2025, the Board of Directors appointed Monica Spada by co-option to replace Fabio Assandri

Composition of the Board of Directors of Novamont S.p.A. as of 31 December 2024

5 members
including:

- **1** executive
- **4** non-executive
- **0** independent
- **5** non-independent
- **1** 30-50 years old
- **4** >50 years old
- **1** woman
- **4** men
- **5** Italian nationals
- **0** foreign nationals

Main regulatory tools
of the Eni Group adopted by Novamont

With the entry into the Eni Group in 2023, a process was initiated to implement a series of policies and regulatory documents that represent key elements of corporate governance, organisational structure and the internal control system of Novamont and the Eni Group. The following table shows the most relevant policies and regulatory documents for Novamont, organised by topic:

BUSINESS INTEGRITY AND STABILITY	• Eni Code of Ethics • Model 231 • Anti-corruption ECG Policy[6] • Antitrust ECG Policy Annex C to the Internal Control and Risk Management System MSG, "Management of Reports Received by Eni S.p.A. and Subsidiaries" • Consumer Protection & Green Claims ECG Policy	**ENVIRONMENTAL IMPACTS**	• Eni Code of Ethics • Consumer Protection & Green Claims ECG Policy • Responsible and Sustainable Company MSG
SUPPLY CHAIN	• Eni Code of Ethics • Suppliers' code of conduct • Anti-corruption ECG Policy • Antitrust ECG Policy • Respect for Human Rights in Eni ECG Policy • Privacy and data protection ECG Policy • Procurement MSG	**COMPLIANCE AND QUALITY OF THE PRODUCTS**	• Regulatory Affairs MSG
REGENERATION OF LOCAL AREAS/ SUPPORT TO LOCAL COMMUNITIES	• Eni's Code of Ethics • Respect for Human Rights in Eni ECG Policy • Responsible and Sustainable Company MSG	**WORKERS AND HUMAN RIGHTS**	• Eni Code of Ethics • Respect for Human Rights in Eni ECG Policy • Zero Tolerance against violence and harassment in the workplace ECG Policy • Diversity & Inclusion ECG Policy • Annex C to the Internal Control and Risk Management System MSG, "Management of Reports Received by Eni S.p.A. and Subsidiaries" • Privacy and data protection ECG Policy • HSE MSG • Health MSG • Human resources MSG
CUSTOMERS AND CONSUMERS	• Consumer Protection & Green Claims ECG Policy • Privacy and data protection ECG Policy • Antitrust ECG Policy		

6 - In 2025 the previous MSG Anti-corruption policy has been replaced with a new Anti-corruption Policy

System **certifications**

ENVIRONMENT	UNI EN ISO 14001:2015	Novamont S.p.A. Mater-Biotech S.p.A. BioBag International AS Dagöplast AS
HEALTH AND SAFETY	UNI ISO 45001:2018	Novamont S.p.A. Mater-Biotech S.p.A. Dagöplast AS[7]
QUALITY	ISO 9001:2015	Novamont S.p.A. Mater-Biotech S.p.A. BioBag International AS Dagöplast AS

7 - Please note that the company obtained ISO 45001 certification in 2025, prior to the publication of this document

Sanctions
or legal actions

During 2024, with regard to Novamont[8]

No events linked to **CASES OF CORRUPTION** were confirmed or contested.

No cases emerged of non-compliance with regulations and/or voluntary codes concerning **MARKETING COMMUNICATIONS.**

No events linked to **CASES OF DISCRIMINATION** were confirmed or contested.

No cases emerged of non-compliance with regulations and/or voluntary codes concerning the **IMPACTS OF PRODUCTS AND SERVICES ON HEALTH AND SAFETY.**

No cases emerged of non-compliance with regulations and/or voluntary codes concerning the **INFORMATION AND LABELLING REQUIREMENTS OF PRODUCTS AND SERVICES.**

No significant sanctions were imposed as a result of violations of **SOCIAL OR ECONOMIC LAWS** and/or regulations.

For completeness, it should be noted that in June 2025 the Italian Competition Authority sanctioned Novamont for abuse of dominant position in the markets for raw materials used to produce light and ultra-light plastic bags, from 2018 to 2023, for an amount of approximately €32 million (of which about €1.7 million jointly with Eni SpA). Novamont disputes the reasons underlying the ruling and has filed a judicial appeal against the Authority's decision.

8- This document only mentions sanctions considered to be significant, i.e. amounts that exceed €50,000. The amount refers to a cut-off rule applied consistently in previous reports

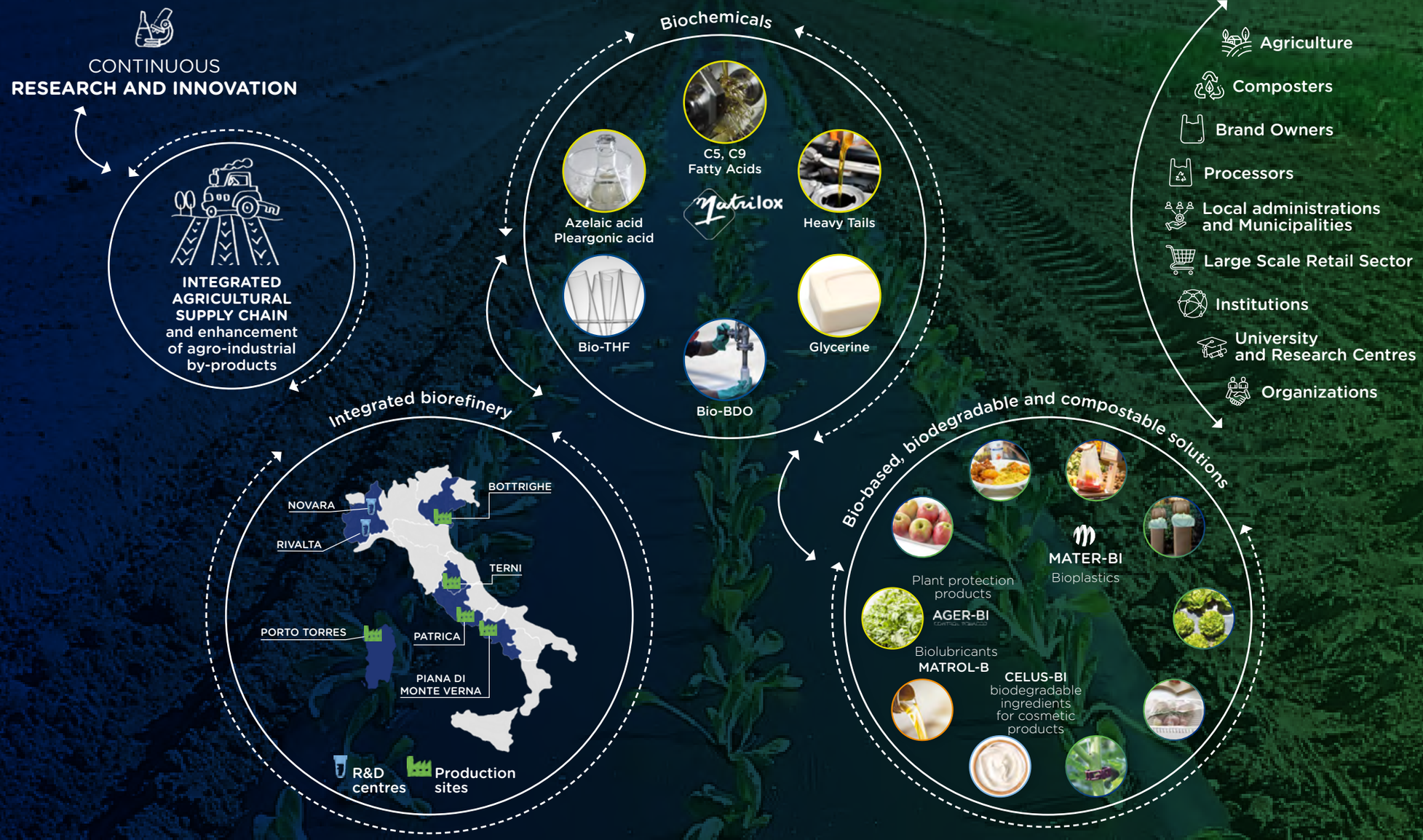
03. The business model

Novamont is now at the heart of Versalis's biochemistry platform and represents one of the pillars in Eni's chemical transformation journey, thanks to its ability to offer the market a wide range of *bio-based,* compostable, and biodegradable solutions and products: a major opportunity to integrate traditional chemical sectors.

Within the framework of its **circular bioeconomy** strategy, Novamont has developed an integrated business model that combines scientific innovation, greater environmental sustainability, and territorial regeneration.

This approach is based on the reconversion of decommissioned industrial sites, the enhancement of renewable resources, and the design of biodegradable and compostable solutions with a reduced environmental impact. Novamont goes beyond production, promoting a systemic transformation of supply chains by fostering synergies between agriculture, industry, and research, and encouraging regenerative and resilient economic models.

THE NOVAMONT CIRCULAR BIOECONOMY MODEL:
INNOVATION AND PARTNERSHIPS THROUGHOUT THE ENTIRE SUPPLY CHAIN



04. The supply chain

~ 2000 total suppliers

€ 281 mln Total annual expenditure

64%
Raw materials and packaging

35%
Goods and services

2%
Investments

~ 110 suppliers of raw materials from[9]:

86%
Europe

10%
Asia

4%
America

In 2024 the purchase turnover from suppliers operating locally – i.e. those with headquarters in Italy – accounted for 52 percent of total purchases.

9. Origin is defined as the country in which the supplier's headquarters are located

ecovadis

With the aim of strengthening the oversight of the supply chain and establishing increasingly virtuous business relations with it, in 2021 Novamont started a structured process of **evaluating and monitoring the CSR performance of the main suppliers**, drawing on the support of EcoVadis, an independent international rating company that aims to improve the environmental and social practices of companies by leveraging the influence of global supply chains. Four years after the launch of the project Novamont managed to achieve extremely positive results, both for the ever growing level of suppliers' reactivity to the invitation campaign and for the achieved scores.

>110
Suppliers of raw materials, packaging, transport, services, and plants (CapEx) involved

98%
Suppliers that have completed and shared their EcoVadis assessment with Novamont (opposite to 35% in 2014)

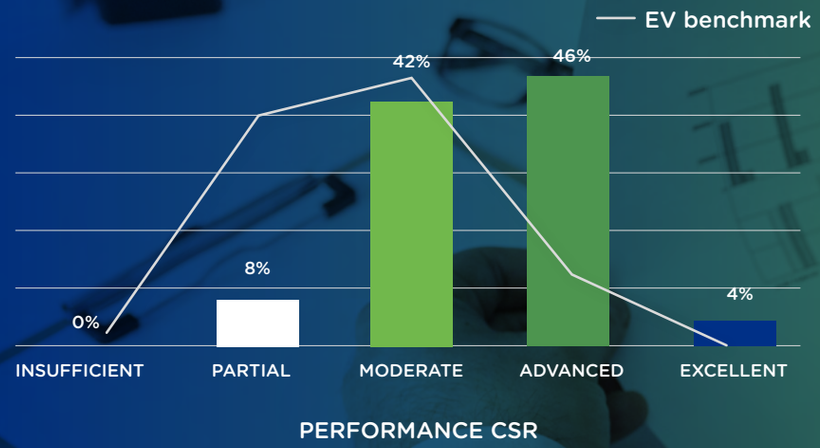
54%
Overall coverage in terms of total spending (80% when considering raw material expenditure)

63.6/100
Average score achieved by Novamont's suppliers (+16.2 points compared to the average score of all companies assessed by EcoVadis)

LABOUR PRACTICES, HUMAN RIGHTS AND ENVIRONMENT
Areas where suppliers have performed best

+17.1 POINTS
Average improvement achieved by companies between their first valuation and revaluation

DISTRIBUTION OF NOVAMONT SUPPLIERS' PERFORMANCE IN ECOVADIS



The excellent achieved results are the fruit of continuous sustainability performance improvement work carried out by the companies, which have the possibility, to access a customised Corrective Actions Plan based on the performance achieved. The EcoVadis project also strengthened the Novamont's advocacy activities along the supply chain through the use of the EcoVadis Academy, the e-learning platform designed to create and strengthen the skills of companies registered on the platform with more than 50 courses dedicated to various sustainability topics.

In 2024, Novamont joined **Open-es**, a system-wide alliance that brings together finance, industry, associations and institutions with the aim of supporting companies on their journey towards more sustainable development.

Open-es is a community of over

36,000 businesses

in **112** countries over the world

and **66** industrial sectors,

Which, thanks to an open digital platform can measure, analyse and improve their environmental, social and governance sustainability performances. With the aim of strengthening the sustainable transformation of its supply chain, Novamont has started inviting its suppliers to join Open-es. Through this platform, they can create their ESG identity card, identify strengths and areas for improvement, and engage with other companies in their sector. Novamont thus has an additional tool to measure the sustainability performance of its supply chain, strengthen its procurement processes by integrating them with market ESG metrics, and build shared growth pathways.

05. The Products

For over thirty years, Novamont has been a pioneer of a **circular approach to bioeconomy**, based on a more efficient use of renewable resources and the regeneration of local areas. Its biodegradable and compostable products, entirely or partly of plant origin, are designed to help address specific issues closely linked to water and soil quality, while at the same time promoting innovation and greater environmental sustainability in industrial processes.

Mater-Bi

Mater-Bi is the family of **biodegradable and compostable plastics** developed **wholly or in part from renewable raw materials of plant origin.**

The Mater-Bi product family includes a wide range of grades, with different technical characteristics and different plant-derived biomass content (bio-based content)[10], depending on the intended application area.

Novamont's goal in producing Mater-Bi is to maximise the use of renewable raw materials of plant origin[11] and at the same time reduce the carbon footprint of its materials while maintaining their biodegradability and compostability characteristics.

Thanks to these characteristics, Mater-Bi **reduces the environmental impact**, in terms of lower GHG emissions, and to contribute to the **development of virtuous systems,** with significant advantages throughout the production/use/end-of-life cycle.

Mater-Bi products have a third-party **verified environmental profile**[12] , are recyclable through organic recycling (in addition to other forms of chemical and mechanical recycling), do not accumulate in the environment, avoiding the creation of persistent microplastics, and allow for the redesign of different applications to decouple development and resource use.

Mater-Bi, sold in the form of granules, is an **intermediate product** that is processed with the most common processing technologies used for traditional plastics to create a multiplicity of end products, tools that can catalyse a paradigm shift towards a circular bio-economy.

10 - Novamont expresses the *bio-based* content of its Mater-Bi grades as a percentage of biogenic carbon out of total carbon. This quantity is directly measurable by radiocarbon analysis, which is standardised by EN 16640. Currently, the *bio-based* content in Mater-Bi averages 40% for materials dedicated to filming. In Italy, for the application 'bags for food, such as fruit and vegetables' Novamont is able to offer solutions with a *bio-based* content of over 60%. In materials intended for moulding, the *bio-based* content in most cases exceeds 60%, with the possibility of reaching 100% for certain specific applications.

11 - Some Mater-Bi components, fundamental to achieve adequate functional properties for each application, are currently available on sale in their renewable version. Only the conventional version, i.e. from fossil sources, is available

12 - For more information, see page 33

Celus-Bi

Celus-Bi is **the family of ingredients for the cosmetics and personal care sector.**

The products in the Celus-Bi line are obtained primarily (>50 percent) from **plant based** renewable raw materials. They were developed to be promptly **biodegradable**, in accordance with OECD guidelines, and thus prevent the accumulation of microplastics in the ground and in water.

Matrol-Bi

Matrol-Bi is our **family of rapidly biodegradable biolubricants**[13]. They have been formulated with special oils of **natural plant or synthetic origin**, and are characterised by their **high resistance to oxidation**.

Thanks to these properties, Matrol-Bi fluids are a safer choice for any systems used in ecologically sensitive areas and which might break or leak, releasing fluid into the environment and causing pollution. Matrol-Bi fluids are also characterised by **low volatility and flammability**, which contribute to healthier working environments that are safer in terms of fire hazard. The product portfolio also includes a formulation that carry the EU Ecolabel.

13 - In accordance with OECD Guideline 301B – Biodegradation Test – CO_2 Evolution

Ager-Bi

Ager-Bi is the **family of contact-action plant protection products**[14] **based on pelargonic acid** of plant origin.

During 2024, authorisation was obtained through the zonal procedure for Ager-Bi Gold Supersecco for use in Italy, later extended through mutual recognition to Portugal for controlling the growth of annual and perennial weeds in vineyards and orchards (pome fruits, hazelnuts, olives), for tobacco growth regulation, and for pre-harvest desiccation of potatoes, alfalfa seeds and peanuts.

Ager-Bi Gold Supersecco represents a tool for developing integrated defence strategies as an alternative to traditional solutions, which are increasingly at the centre of the debate on the appropriateness of their use. Ager-Bi is rapidly biodegradable, does not release toxic residues on treated plants[15] or in the soil, does not damage the roots of weeds nor affect the germination of seeds present in the soil, leaving fertility, biodiversity and resistance to soil erosion unchanged.

14 - Product used to protect plants or plant products against all harmful organisms or to prevent their effects, to influence plant life processes, to preserve plant products, to destroy undesired plants or plant parts, to control or prevent undesired plant growth

15 - Active substance for which it is not necessary to define a maximum residue level, listed in Annex IV of Regulation (EU) 396/2005

Knowing the difference between the terms biodegradability, compostability and renewability, often mistakenly considered synonyms, is essential to fully understand the characteristics of Novamont products and ensure their correct use.

BIODEGRADABILITY

This is the ability of an organic substance, of plant or animal origin, to decompose into simpler substances by means of the enzymatic activity of bacteria and other microorganisms. Once the biological process is complete, the original organic substance will have been fully converted into simple, inorganic molecules: water, carbon dioxide, methane and new biomass. The phenomenon of biodegradation is part of the natural cycle of life on Earth: for example, the leaves of a tree that fall to the ground are biodegradable.

COMPOSTABILITY

This is the ability of biodegradable, organic matter (for example, plant cuttings, kitchen scraps, gardening waste, such as leaves and grass cuttings, some types of plastics, etc.) to be turned into compost in industrial composting plants.

RENEWABILITY

The term refers to renewable sources of energy or material, i.e. which can be regenerated in a relatively short period of time. Bio-based products, made wholly or partly from renewable raw materials of plant origin, are potential catalysts for change to decouple development and resource use.

Compostability certifications

The compostability of Novamont's products is certified by several international third-party organisations, which periodically carry out tests and monitoring. All grades intended for applications that entail disposal by industrial composting have at least one of the certifications described below[16].

LOGO	DESCRIPTION	CERTIFIER	STANDARD
	Industrial compostability in Italy. This allows compostable items to be clearly identified	Certiquality (Italy)	**EN 13432** + Certification scheme developed by CIC
	Industrial compostability recognised in Europe	TÜV AUSTRIA (Belgium)	**EN 13432** **EN 14995**
	In the United States, this guarantees compostability in industrial composting plants	BPI (USA)	**ASTM D6400**
	Industrial compostability recognised in Europe and in Australia	DIN CERTCO (Germany)	**EN 13432** **AS 4736**

EN 13432 Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging
EN 14995 Plastics – Evaluation of compostability – Test scheme and specifications
ASTM 6400 Standard Specification for Compostable Plastics
AS 4736 Biodegradable Plastic-Biodegradable Plastics Suitable for Composting and other Microbial Treatment

99.4% of Mater-Bi and 100% of the Origo-Bi grade sold in 2024 have compostability certification. The remainder consists of Mater-Bi grades that do not need to meet this requirement in order to be used.

16 - The complete list of Mater-Bi certifications can be found on the website www.novamont.com/eng/mater-bi-certifications

The environmental **certifications**

ISO 14067:2018 SYSTEMATIC APPROACH

In 2023, Novamont obtained **ISO 14067:2018 Systematic Approach** certification, making it the first company in the plastics sector to determine the certified carbon footprint of all its products.

ENVIRONMENTAL PRODUCT DECLARATION

In 2024, BioBag International AS obtained EPD certification for the compostable bag for the collection of organic waste made from Mater-Bi. The EPD (Environmental Product Declaration) certification provides **transparent and objective information on the environmental impact of a product or service** throughout its entire life cycle.

E-LABEL!

Mater-Bi was the first product to obtain eLabel!, the environmental trademark promoted by the Kyoto Club. that **certifies the environmental and social performance of products with respect to objective and transparent parameters**: the renewable content of raw materials, their environmental and greater social sustainability, the greenhouse gas emissions and the recovery method.

ECOLABEL

The EU Ecolabel is the European Union's mark for products and services that, while providing high performance standards, are characterised by a **reduced environmental impact during their entire life cycle**. Novamont obtained the EU Ecolabel for a hydraulic fluid in the line of Matrol-Bi biolubricants.

MEZZI TECNICI AIAB

Mezzi Tecnici AIAB is the label developed for the production of technical equipment allowed in organic farming. In addition to **complying with existing regulations on the technical means allowed in organic farming**, Mezzi Tecnici AIAB-certified products are **compatible with the environment** and meet strict **safety requirements**. Novamont was the first company to develop a grade of Mater-Bi to be used in the production of mulching films that are biodegradable in soil, in accordance with the guidelines.

Customer satisfaction

Novamont knows that the quality of its products and associated services is measured not only with respect to norms and standards, but by what the partners think This is why the Group uses a **customer satisfaction** measurement system, which includes various monitoring tools:

SATISFACTION

Novamont's customer satisfaction survey is measured by aggregating the evaluations provided in relation to specific areas to which Novamont pays particular attention:

Product: quality, innovation and impact

Management of orders and logistic

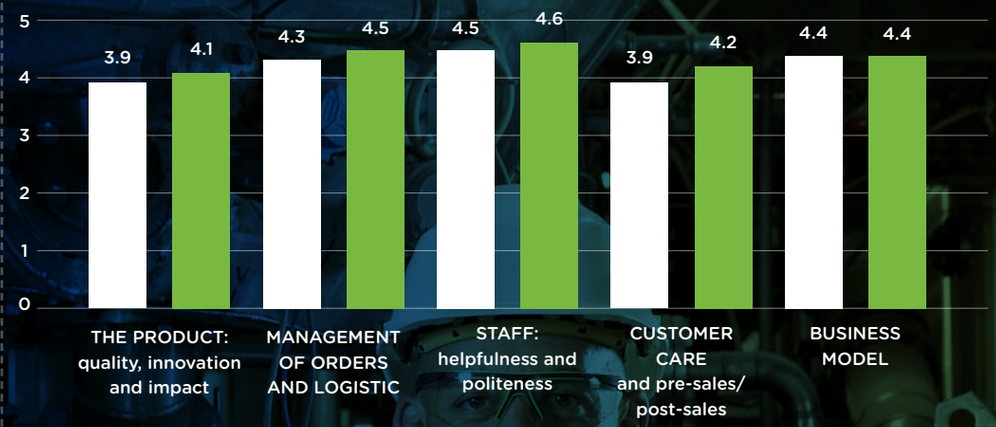
Staff: competence, helpfulness and politeness

Customer care and other services

Business model

For 2024, once again, the satisfaction survey was entrusted to a third-party company and the results obtained were positive. In particular the response rate was of 72 percent and 88 percent of the customers surveyed stated that they were satisfied or very satisfied with Novamont: this percentage is a clear increase compared to the previous period (+35 percent). The survey made it possible to rank areas in relation to the importance customers assigned to certain requirements and to establish corresponding improvement strategies.

AVERAGE SATISFACTION, BY AREA[17]

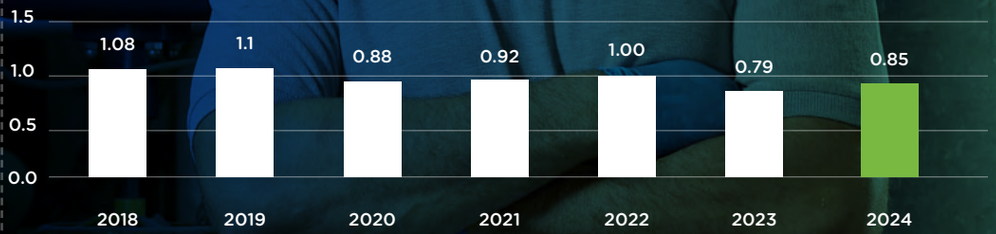


COMPLAINTS

The Complaints Index (CI) is a summary indicator aimed at assessing the incidence of complaints and reports from Novamont's customers, and is expressed as[18]:

$$CI = \frac{No.\ Complaints + No.\ Reports}{t_{\text{product sold}}} \times 1{,}000$$

COMPLAINTS INDEX



17 - In 2023, the satisfaction survey was conducted for both Mater-Bi and THF customers, while in 2022 it involved only Mater-Bi customers. However, considering that the representativeness of Mater-Bi customers in 2023 is more than 80 percent, the comparison of the 2022 data was retained

18 - The index is independent of the actual acceptance of responsibility by Novamont

06. EU Taxonomy

To promote sustainable investments and support the objectives of the European Green Deal, the European Commission introduced the **Taxonomy for sustainable finance** through **Regulation (EU) 2020/852** and related delegated acts. The Taxonomy is **a classification system** that defines when an economic activity can be considered **environmentally sustainable**. It imposes **standardised reporting obligations** on both financial and non-financial companies, with the aim of **increasing transparency towards investors,** directing capital towards genuinely sustainable activities and combating **greenwashing.**

The structure of the Taxonomy is based on identifying economic activities that make a substantial contribution to achieving one or more of the six environmental objectives established by the European Union.

Such activities, defined as eligible (Taxonomy-eligible), are subsequently assessed based on the technical screening criteria established by regulation for each economic activity, compliance with which confirms the high environmental value of the operational practices adopted.

To be considered Taxonomy-aligned, an economic activity must fully meet all the technical screening criteria established by European legislation, make a substantial contribution to at least one of the six environmental objectives, without causing significant harm to the others (in accordance with the “Do No Significant Harm” principle), and ensure compliance with minimum safeguards.

Eligibility **evaluation**

Based on the 2024 data, Novamont has carried out an analysis of its economic activities for the year 2025 in compliance with the criteria established by Delegated Regulation (EU) 2020/852. The objective of the analysis was to identify potentially eligible activities, meaning those included in the list of economic activities recognised in the implementing Delegated Regulations. The analysis revealed the following findings:

PRODUCTS SOLD BY NOVAMONT AND ITS WHOLLY-OWNED SUBSIDIARIES.	ECONOMIC ACTIVITY INCLUDED IN THE TAXONOMY	*ELIGIBLE* FOR THE TAXONOMY	Reference attachment
Mater-Bi (bioplastic in primary form)	3.17 Manufacture of plastics in primary form	Yes, objective 1 (climate change mitigation)	2021/2139*
Origo-Bi (biopolymer in primary form)	3.17 Manufacture of plastics in primary form	Yes, objective 1 (climate change mitigation)	2021/2139
Biomethane	4.13 Production of biogas and biofuels intended for transport and of bioliquids	Yes, objective 1 (climate change mitigation)	2021/2139
Bio-BDO (glycol-organic chemical compound)	3.14 Manufacture of basic organic chemicals	No - chemical product not included in the list	2021/2139
THF (clinical ether – organic chemical compound)	3.14 Manufacture of basic organic chemicals	No - chemical product not included in the list	2021/2139
Plastic Packaging (Dagöplast)	1.1 Manufacture of plastic packaging (NACE 22.22 › packaging goods)	Yes, objective 4 (contribution to circular economy)	2023/2486**
Mulching film made of Mater-Bi	N/A	No - not yet included In the current Delegated Regulations	
Matrol-Bi (biolubricant)	N/A	No - not yet included In the current Delegated Regulations	
Ager-Bi (bioherbicide)	N/A	No - not yet included In the current Delegated Regulations	

The economic activity 3.17 represents the core business of Novamont S.p.A. Novamont's production of plastics in primary form can be divided into two macro-areas:

1. Production of resins, in particular biodegradable and compostable polyesters and co-polyesters wholly or partially derived from plant-based renewable raw materials, under the proprietary brand name Origo-Bi;
2. Production of biodegradable and compostable plastic materials, or blends of resins under the proprietary brand name Mater-Bi wholly or partly derived from renewable plant-based raw materials.

Verification of the alignment of eligible **activities against the Taxonomy criteria**

Following the eligibility analysis, a check was carried out to ensure alignment with the applicable technical screening criteria. Please see the summary of the results in the table below.

PRODUCTS SOLD BY NOVAMONT AND ITS WHOLLY-OWNED SUBSIDIARIES.	ECONOMIC ACTIVITY INCLUDED IN THE TAXONOMY	COMPANY	ELIGIBLE[a] *TURNOVER*	*ALIGNED*[b] TURNOVER
Mater-Bi	3.17 Manufacture of plastics in primary form	Novamont S.p.A.	**91%**	97.7%
Origo-Bi	3.17 Manufacture of plastics in primary form	Novamont S.p.A.		
Biomethane	4.13 Production of biogas and biofuels intended for transport and of bioliquids	Novamont S.p.A.	**0.6%**	100%
Plastic Packaging	1.1 Manufacture of plastic packaging (NACE 22.22)	Dagöplast SA	**3.2%**	79,2%[19]

a) The percentage values refer to the total revenues from core operations, that is, those derived from the main activity carried out by Novamont S.p.A. and Dagöplast AS.
b) For the shares of Capex and Opex (eligible), the same alignment as the revenue has been considered.

For each economic activity identified as eligible, an in-depth alignment analysis was carried out against the technical screening criteria set out in Delegated Regulation (EU) 2021/2139 for activities 3.17 and 4.13, and in Delegated Regulation (EU) 2023/2486 for activity 1.1, as well as compliance with the minimum safeguards.

The main economic indicators (KPIs) resulting from the alignment analysis are presented in the following paragraph, while below is a summary of the alignment checks carried out for the substantial contribution related to climate change mitigation.

19 - are considered aligned products the packaging goods that meet the following criteria: recycled post consumption PE content >35%

Significant contribution **to climate change mitigation**

As regards the **substantial contribution to climate change mitigation**, the activity was assessed against **criterion (c)** provided for activity 3.17[20].

For the purpose of verifying alignment with the criterion related to greenhouse gas emissions, Novamont identified equivalent plastics in primary form that are biodegradable and entirely derived from fossil fuels, comparable in chemical composition and technical characteristics. To ensure impartiality in the assessment, the development of an LCA model and the calculation of the carbon footprint[21] were entrusted to an external consultancy firm, in accordance with ISO 14040, ISO 14044 and ISO 14067 standards.

The findings of this analysis serve as the reference against which the alignment of the materials produced by Novamont has been determined. Furthermore, the agricultural biomass used for the manufacture of renewable component used in the production of Origo-Bi and Mater-Bi meets the criteria of Article 29, paragraphs 2-5 of Directive (EU) 2018/2001. The compliance check with these criteria is carried out during the validation phase of plant-based raw materials and updated annually through a dedicated questionnaire, as provided for by the Raw Material Validation Procedure.

Please see the box below for an in-depth discussion of Novamont's decarbonization potential that would be achieved by taking full advantage of its proprietary technologies (bioBDO and azelaic acid), integrated processes, cogeneration and trigeneration plants, use of renewable electricity as well as maximizing production capacities is provided in the box below.

DECARBONIZATION POTENTIAL

From the comparison with biodegradable plastics entirely derived from fossil fuels, it emerged that the decarbonisation potential associated with the 2024 volumes of Mater-Bi and Origo-Bi is estimated at approximately 236 kt CO_2e.

The potential 2024 saving of 236 kt CO_2e[22] would be increased by about 80 kt CO_2e by assuming maximizing the current production capacity of the existing 1.4 bioBDO and azelaic acid (JV Matrìca) plants, the result of many years of investment in technology, research, process scale-up, construction of first plants and their continuous efficiency upgrading. However, the investments made and production capacities available to date would result in much higher potential savings over the fossil benchmark (about 900 kt CO_2e[23]). However, this potential is limited by regulatory, market, and trade policy asymmetries that characterise the European context.

20 - derived wholly or partly from renewable raw materials and their life cycle greenhouse gas emissions are lower than the life cycle greenhouse gas emissions of equivalent plastics in primary form manufactured from fossil fuels. Life cycle greenhouse gas emissions are calculated using Recommendation 2013/179/EU or, alternatively, ISO 14067- 2018 or ISO 140641- 2018. Greenhouse gasses emissions quantified during the lifetime cycle are verified by an independent third party. Agricultural biomass used for the manufacture of plastics in primary form meets the criteria of Article 29, (2) to (5) of Directive (EU) 2018/2001. Forestry biomass used for the manufacture of plastics in primary form meets the criteria of Article 29, (6) to (7) of the above-mentioned Directive

21 - In 2025, the LCA assessment of plastic in primary form, biodegradable and entirely derived from fossil fuels, was updated and subjected to a third-party review, which concluded successfully

22 -The figure was determined as the difference between the carbon footprint of the renewable monomers produced by Novamont compared to that of the equivalent fossil monomers substituted. For the latter ones, secondary data from various sources were used

23 - The figure was calculated considering V-generation Mater-Bi produced using Novamont's current production capacity of 170 kt

Reporting
Of financial information

The Delegated Regulation (EU) 2021/2178, entered into force on the 1st January 2024, which supplements Regulation (EU) 2020/852 on the European Taxonomy, sets out how companies and financial institutions are required to calculate and disclose key performance indicators (KPIs) relating to turnover, capital expenditure (CapEx) and operating expenditure (OpEx), in connection with economic activities classified as eligible and aligned with the Taxonomy.

In line with these provisions, Novamont applied the definitions, methodological criteria and reporting procedures set out in the Regulation, as well as the guidance contained in Eni's internal guidelines on Taxonomy disclosure, ensuring consistency and transparency in the representation of relevant economic activities.

The income statement and balance sheet data of the eligible and aligned activities were extracted from the general accounting and analytic accounting systems used to draft the statutory financial statements. These financial statements are prepared primarily in accordance with international accounting standards (IFRS, IAS) and with the interpretations provided by the International Financial Reporting Interpretations Committee (IFRIC) and the Standing Interpretations Committee (SIC).

The share of eligible turnover refers to the Mater-Bi and Origo-Bi grades and represents 91% of Novamont's total turnover related to core operations. 97.7% of the eligible turnover is aligned. The eligible but non-aligned share, amounting to 2.3%, refers to Mater-Bi and Origo-Bi grades that do not meet criterion (c) concerning a substantial contribution to climate change mitigation and/or the criterion related to manufacturing wholly or partly from renewable raw materials. The remaining approximately 9% of turnover is not attributable to economic activities falling within the scope of the Taxonomy and comes from non-core business activities.

The eligible share of CapEx corresponds to 86.5% of the capital expenditures incurred by Novamont in 2024 and relates to investments in tangible and intangible assets functional to the manufacture of plastics in primary form.

Eligible OpEx, on the other hand, account for 93.8% of total operating expenses and include direct costs related to the day-to-day functioning of plants and associated activities.

The aligned shares of CapEx and OpEx have been determined in proportion to the turnover of Mater-Bi and Origo-Bi grades that fully meet the technical screening criteria set out by the Taxonomy. This approach was adopted because the production plants and processes used for manufacturing all technical variants of Mater-Bi and Origo-Bi are identical, with no significant differences in terms of energy consumption, utility usage, or process yields between the aligned and non-aligned grades.

The high alignment of revenue, capital expenditure, and operating expenses reflects the reduced emission impact of Novamont S.p.A.'s primary-form plastics derived partly or entirely from biomass, which are biodegradable and compostable, compared to biodegradable plastics entirely obtained from fossil fuels.

07. KPIs

CIRCULARITY

ENVIRONMENTAL ASPECTS

Circularity

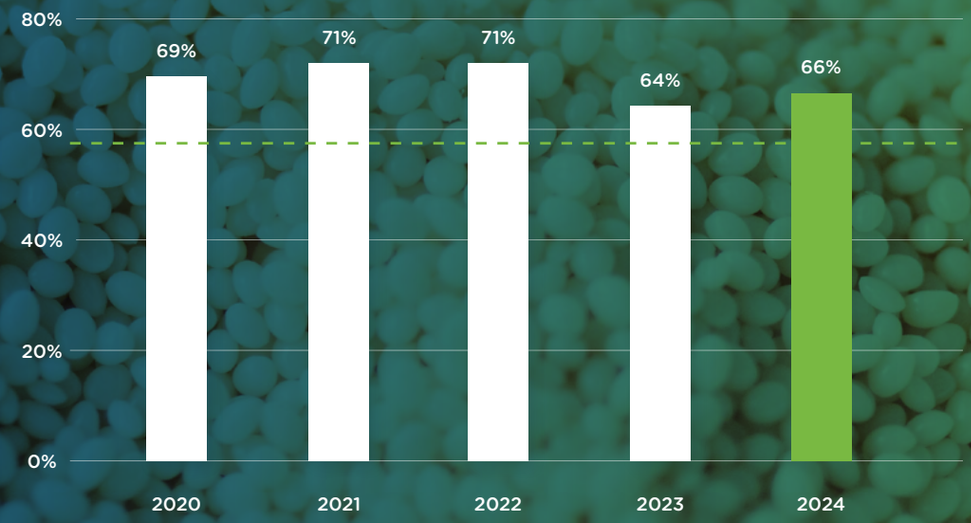
To monitor the effectiveness of our actions and support decision-making from a circular economy perspective, Novamont integrates the **Circular Flow Index (CFI) into its business model**.

This index represents a key component of the “regenerative turnover”, which indicates the percentage of revenue generated from circular products and processes, such as the use of renewable raw materials and energy, the production of biodegradable and compostable bioplastics, and the recovery of waste and energy. It is a tool that measures the degree of circularity of material and energy flows within Novamont’s production system.

Regenerative turnover represents, in essence, the percentage of turnover linked to the circularity of a company. The higher the regenerative turnover, the more able the company is to earn revenue from its products and circular activities – for example, from raw materials and renewable energy, from certified biodegradable and compostable products, and from recovered - byproducts. This metric has also been identified among the KPIs used to measure the Novamont’s performance against the common benefit objectives set out in the company’s Articles of Association.

In 2024, regenerative turnover (calculated considering only the Group's Italian sites) stood at 66% (IFC = 0.66), exceeding the ambitious target to make at least 50% regenerative. The trend, however, has worsened compared to the 2020–2023 three-year period: this development is linked to a decrease in demand for materials with a high renewable content and reduced carbon footprint, replaced by products with a higher fossil component (and a higher carbon footprint). These phenomena were triggered by the worsening economic, geopolitical and social context, as well as by the high prices of renewable raw materials of plant origin and imports from China under dumping conditions.

NOVAMONT'S REGENERATIVE TURNOVER



Environmental **aspects**

STANDARDISED ENERGY INTENSITY OF NOVAMONT'S ITALIAN SITES

Standards, and methodologies used for the calculation.
The indicator of energy intensity is calculated by relating the total energy consumption of Novamont's Italian sites to the overall quantity of Mater-Bi and other biochemicals produced in the reference year.

TOTAL ENERGY INTERNAL CONSUMPTION BY GEOGRAPHICAL AREA

[GJ]	2024
TOTAL	**1,226,066**
EUROPE	**1,226,046**
ITALY	**1,206,966**
Novara	0.8%
Terni	10.1%
PMV	0.4%
Bottrighe	38.7%
Patrica	49.9%
NORTH AMERICA	20

TOTAL FUEL CONSUMPTION BY TYPE

[GJ]	2024
NON-RENEWABLE	
Methane	1,171,615
Diesel	122.5

Standards, assumptions and methodologies used for the calculation

- methane consumption: direct measurements
- consumption of diesel: direct measurements

Conversion factors

- LHV methane (2023): 35,6 MJ/Sm^3
- PCI diesel (2024): 42.87 MJ/Sm^3

Source

- LHV methane and diesel(2024): tables of national standard parameters for monitoring and reporting greenhouse gases – ISPRA 2024

ELECTRICAL ENERGY, STEAM AND HEATING

[GJ]	2024
ELECTRICITY	
Purchased	139,154
of which from renewable sources[24]	99.9%
Sold (surplus electricity from the Bottrighe cogenerator)	48,369
HEATING	
Purchased	51
of which from renewable sources (wood chips and pellets)	100%
Sold (biomethane)	50,909
STEAM	
Purchased	14,402

Standards, assumptions and methodologies used for the calculation
• electricity consumption (Italian sites, Dagöplast and other BioBag sites): reading the consumption reported on the invoice
• electricity consumption (foreign sites): estimated based on the specific consumption per employee at the Novara site (year 2019), considering only electricity consumption for lighting, space heating and the data centre
• consumption of wood chips and pellets: reading the consumption reported on the invoice
• steam consumption: direct measurements

Conversion factors
• Electricity: 3.6 MJ/kWh
• Steam (2024): 2.7 MJ/kg
• LHV biomethane (2024): 33,65 MJ/Sm^3

Source
• Steam (2024): vapor enthalpy (internal)
• LHV biomethane (2024): 2024 SNAM measurement report

SCOPE 1 EMISSIONS

Scope 1 emissions include the direct greenhouse gas emissions generated by emission sources owned or controlled by the company, for example the combustion of fuels in its own plants or vehicles.

[t CO_2e]	2024
Direct GHG emissions (Scope 1) – from process and combustion	**67,123**

Standards, assumptions and methodologies used for the calculation
• emissions from methane combustion: calculated by applying an emission factor. For the Bottrighe and Patrica plants, direct greenhouse gas emissions verified by a third party (ETS system) were used
• emissions from combustion of liquid and gaseous effluents: based on the chemical composition of the effluents and the corresponding stoichiometric combustion balance
• emissions from fermentation: stoichiometric balance

Gases included in the calculation

CO_2, N_2O, CH_2

Approach used for data consolidation

Operational control

Emission factors
• Methane (2024): 56.74 t CO_2 eq/TJ
• CH_2 and N_2O (2024): 0.00105 t CO_2 eq/TJ

Source
• Methane (2024): tables of national standard parameters for monitoring and reporting greenhouse gases – ISPRA 2024

24 - GO certificates cover the entire electricity needs of the Italian sites, while for Dagöplast's production site it is the electricity supplier that directly issues a certificate of origin of the sources

SCOPE 2 EMISSIONS BY METHOD

They represent the indirect emissions resulting from the energy purchased and consumed by the company, such as electricity, heat or steam produced by third parties. Since 2010, Novamont has purchased and used electricity from renewable sources, prioritising wind and solar power whose origin is traced and certified through Guarantees of Origin (GOs). Therefore, the greenhouse gas emissions share for Scope 2 refers to the Market-based approach. In 2024, 99.9% of the electricity purchased by Novamont comes from renewable sources.

[t CO_2e]	2024	
	Location-based	Market-based
Indirect (Scope 2) GHG emissions	**14,765**	**887**
Electricity	13,889	12
Heating	0.50	-
Steam	876	876

Standards, assumptions and methodologies used for the calculation
• Location-based emissions from electricity, steam and heating: calculated by applying an average emission factor associated with the national energy mix
• market-based emissions: For electricity, since the Group uses 99.8 percent of its electricity from renewable sources, the emission factors of the national residual mix associated with the remaining share of non-renewable electricity (0.2percent) were used.

Gases included in the calculation

CO_2, CH_4, N_2O

Approach used for data consolidation

Operational control

Emission factors
• Electricity (2024) [kg CO_2 eq/kWh]:

Country	Location-based	Market-based
Italy	0.303	0
France	0.056	0.041
Spain	0.246	0.282
USA	0.424	0.403
Estonia	0.708	0.712
Norway	0.009	0.599

• Steam (2024): 0.061 kg CO_2 e/MJ
• Heating (2024): 0.0099 kg CO_2 e/kg

Source
• Electricity (2024, Italian sites – Location-based): internal data
• Electricity (2024, foreign sites – Location-based): Tool GHG Protocol "electricity emission factors – Scope 2-3 in Ecoinvent v 3.8"
• Electricity (2024, USA foreign sites – Market-based): source EPA 2019
• Electricity (2024, European Foreign sites – Market-based): AIB Data 2023
• Heating (2024): Ecoinvent v 3.10
• GWP factors: (100 years): IPCC Sixth Assessment Report: Climate Change (2021).

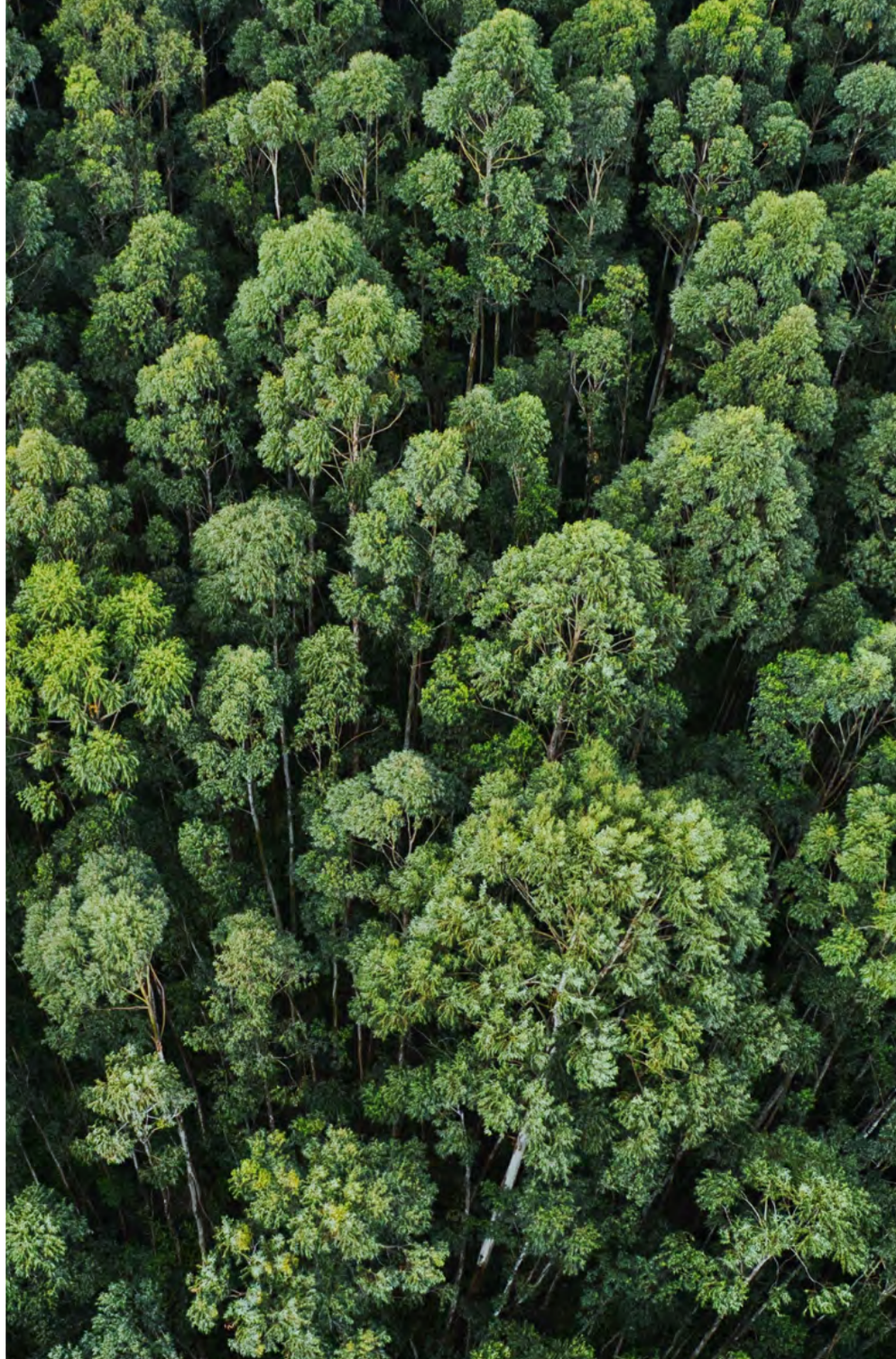
NOx EMISSIONS BY GEOGRAPHIC AREA

	2024
TOTAL	**13,801 KG**
Novara	0%
Terni	5%
PMV	0%
Bottrighe	44%
Patrica	52%

MATERIALS USED BY TYPE

	2024
TOTAL	**171,177 t**
from renewable sources of plant origin[25]	52%
Of which from non-renewable sources	48%
Raw materials (i.e. starch, sugars, monomers)	97.8%
Packaging materials (i.e. Wood, cardboard, plastic)	2.2%
Process materials (i.e. lubricants)	0.03%

25 - The percentage was determined considering the volumes of materials and their characteristics. Raw materials account for 97.8 percent of materials



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