



**OUR SUSTAINABILITY**  
ENVIRONMENTAL PROTECTION

## **INDEX**

|                            |             |
|----------------------------|-------------|
| <b>1. DECARBONIZATION</b>  | <b>P 4</b>  |
| <b>2. WATER MANAGEMENT</b> | <b>P 9</b>  |
| <b>3. WASTE MANAGEMENT</b> | <b>P 12</b> |

## **OUR SUSTAINABILITY**

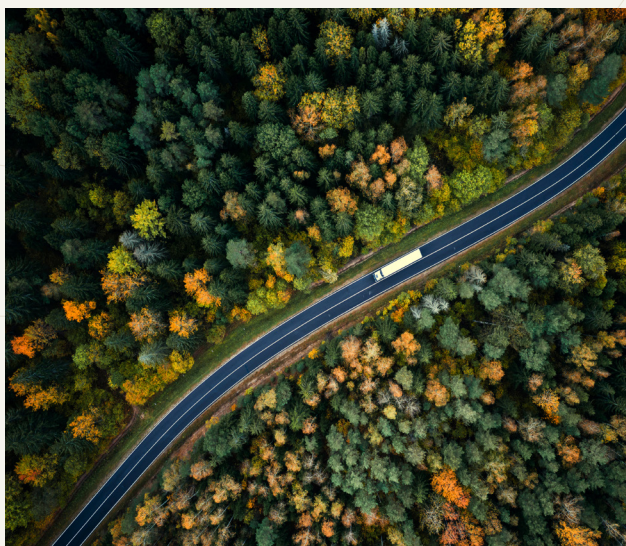
### **ENVIRONMENTAL PROTECTION**

At **Lasenor**, caring for the environment is part of our daily decisions.

We are working with all our subsidiaries to enhance energy efficiency, encourage the use of renewable energy sources, and manage essential resources such as water and waste responsibly.

Our primary actions focus on enhancing energy efficiency and promoting clean energy generation. Additionally, we continuously implement strategies to reduce water usage, manage waste, and support a circular economy.

## 1. DECARBONIZATION



To control our emissions, we adhere to the Greenhouse Gas Protocol, which categorizes them into three levels:

- **Scope 1:** We generate emissions directly at our facilities from our fleet of vehicles.
- **Scope 2:** Indirect emissions result from the electricity we consume from purchased sources.
- **Scope 3:** Everything else, including the raw materials, employee commutes, and transportation in our supply chain.

Last year we committed to gradually expanding the measurement of Scope 3 in our Corporate Carbon Footprint. We understand that it is complex, but we are gradually integrating the activities of our suppliers and partners throughout the supply chain.

The emissions estimates for our commercial operations cover January to December 2024. CO<sub>2</sub> emissions have been calculated using relevant activity data and emission factors. To assess **Lasenor's** Corporate Carbon Footprint (CCF), we annually commission an independent report from Climate Partner.

We have not yet covered all of Scope 3, but it is already a crucial step in the control and responsibility that **Lasenor** takes in its supply chain. In this regard, we remain committed to continuing working to reduce the impact of Scope 3 in the coming years.

In this report, we submit the consolidated Carbon Footprint data of all **Lasenor** Group companies.

The calculations include the following facilities:

- Site Olesa de Montserrat
- Site Nagpur (India)
- Site Azov (Russia)
- Site Salem (USA)
- Site Cali (Colombia)
- Site Potim (Brazil)
- Site San Lorenzo (Argentina)

This allows us to provide, for the first time, a global figure for **Lasenor's** impact.

## 1.1. Site Olesa de Montserrat

Since we started measuring emissions in 2022, our headquarters have achieved a significant reduction in our carbon footprint.

In 2024, the CCF (Carbon Footprint Amount) was 4,208 t CO<sub>2</sub>, representing a 30 % decrease from the 6,039 t CO<sub>2</sub> recorded in 2022.

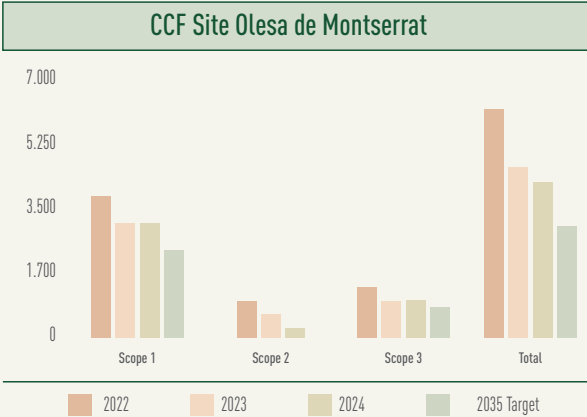
|         | 2022  | 2023  | 2024  |
|---------|-------|-------|-------|
| Scope 1 | 3.774 | 2.971 | 2.968 |
| Scope 2 | 993   | 648   | 264   |
| Scope 3 | 1.273 | 946   | 976   |
| Total   | 6.039 | 4.565 | 4.208 |

30% less compared to 2022

**In Scope 1**, we achieved a 21% reduction in emissions primarily by using renewable gas purchased from Naturgy. This includes improved management of refrigerant gases and enhancements in the efficiency of our steam and thermal oil heating systems.

**In Scope 2**, in 2024 we have achieved a 73% reduction in CO<sub>2</sub> emissions, thanks to maintaining the agreements with Endesa so that all our electricity is sourced from renewable sources, along with the energy we produce through our solar panels.

**Scope 3** decreased by 23%, partly due to the reduced impact of emissions from the energy we consume. However, as the workforce has grown over the past year, commuting and business travel have increased.







## CCF Reduction Olesa de Montserrat

In the coming months, we will focus on several key areas, including increasing our own electricity production by installing an additional 188 solar modules, which will be added to the 623 we already have in operation. We will also purchase more green gas as part of our energy transition. In addition, at the end of 2024 we installed a new thermal oil boiler with an economizer, which will operate at full capacity next year.

By 2025, we aim to implement a consumption monitoring system in the production plant to continuously measure, control and optimize energy performance. This system is the first step in developing policies and procedures aimed at managing and enhancing energy efficiency. Finally, we continue to progressively replace the lighting systems of our facilities with LED technology that consumes less energy.

### Action Plan:

- Improving efficiency in steam generation systems and thermal oil heating
- Increasing self-produced electrical energy, following the replacement of existing warehouse roofs, which are unsuitable for solar panel installation
- Increasing green gas procurement, with the aim of minimizing the impact of our operations
- Maintaining pressure on suppliers to facilitate information and implement reduction measures

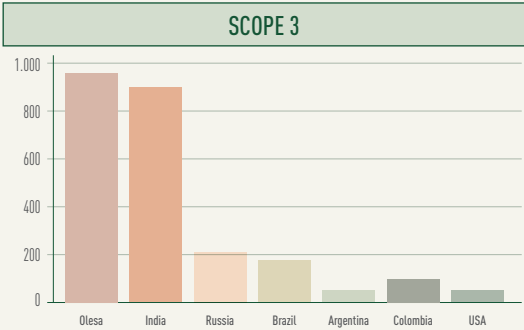
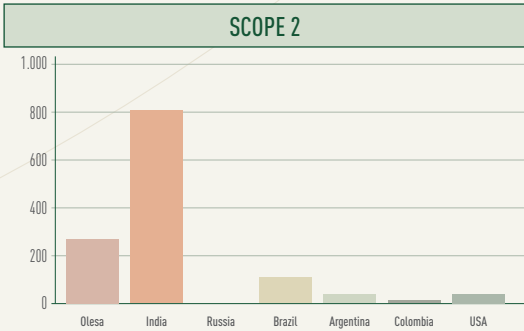
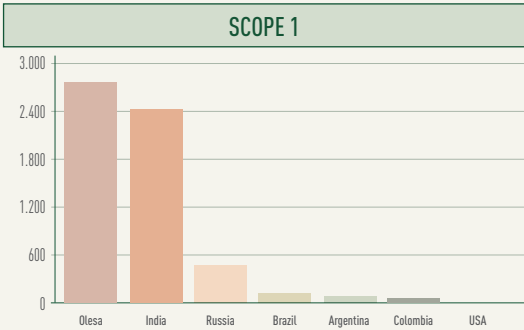
## 1.2. Global

The global assessment of **Lasenor**'s carbon footprint provides the following results:

|         | 2024  |
|---------|-------|
| Scope 1 | 5.940 |
| Scope 2 | 1.330 |
| Scope 3 | 2.438 |
| Total   | 9.708 |

This result is broken down by subsidiary: *(Fig 1)*

(Fig 1)



## Action Plan:

Our sustainability plans can sometimes be very ambitious, and although we put all our efforts into them, we do not always manage to fulfill them. Last year we set several targets, most of which have been met; however, the coal replacement at the Nagpur plant and the emission offset project in India could not be realized. That is why we have included them again in **Lasenor's** 2025 targets in our efforts to reduce our carbon footprint.

**Lasenor** Yug intends to replace the steam heating system in the warehouse with an individual water heating system, which will reduce gas consumption.

Our commitment: We are firmly committed to reducing our carbon footprint, and we have already implemented a series of concrete measures and objectives that are beginning to yield results. Although we are aware that achieving neutrality will require complementing our reduction efforts with offsetting actions. This approach has already been considered by management and is in the planning stage.

All these actions align with the Sustainable Development Goals (SDGs), particularly:

- **SDG 12:** Responsible production and consumption
- **SDG 13:** Climate action
- **SDG 7:** Affordable and nonpolluting energy.





## 2. WATER MANAGEMENT

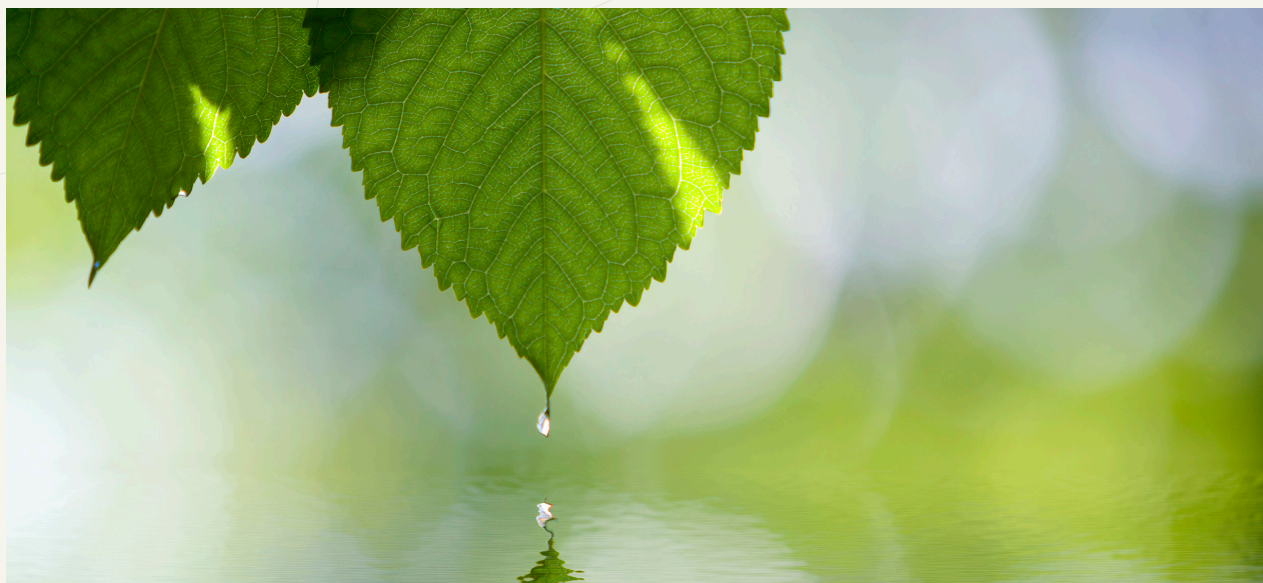
Some of our production plants are located in areas where water shortages are prevalent. In 2021 and 2023, we experienced one of the driest periods in living memory, leading to water restrictions in several Spanish regions, including the Barcelona Metropolitan Area, where we operate a plant.

Although in 2024 the water situation has improved thanks to the rains, at Lasenor, we believe that water saving should be a constant practice and not just an emergency response. That is why we prioritize efficient water management and establish permanent water-conservation measures. By taking this approach, we will be better prepared for an increasingly unpredictable climate reality.

Efficient management of water resources is aligned with Sustainable Development Goal **SDG 6**: Clean water and sanitation have a direct impact on our daily operations.

### Goals:

**Our objective is clear: to reduce consumption by 20% by 2030, based on the 34,360 m<sup>3</sup> recorded in 2022 in Olesa de Montserrat. We will uphold the current high purification standards at our wastewater treatment plant.**



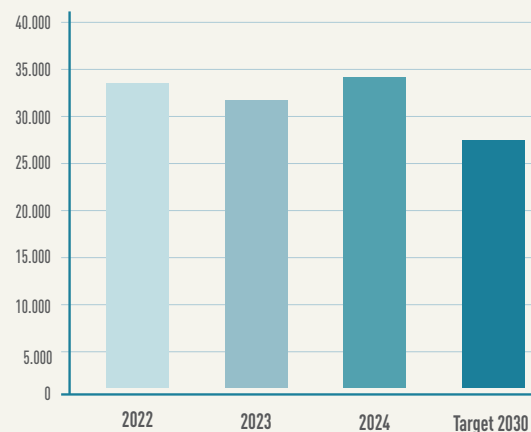
## Objective 1 – Reduction of Consumption at Olesa de Montserrat

In 2024, **Lasenor** In 2024, Lasenor recorded a water consumption of 33,983 m<sup>3</sup>, equivalent to a daily average of 93 m<sup>3</sup>. All water used is source from the drinking water supply, managed by Comunitat Minera Olesana, a local consumer cooperative.

All the water used is potable water supplied by the local provider Comunitat Minera Olesana, a consumers' and users' cooperative.

This volume of water is mainly consumed for four different uses:

- Hot water for cleaning and product heating – 14%
- Steam generation in boilers – 16%
- Vacuum systems and cooling towers – 66%
- Sanitary water for personnel use – 4%



During the year, our production plant experienced a slight increase in water usage this year compared to last year. This increase is due to the expansion of our product portfolio, which has resulted in more frequent changes in production lines. Each transition between products requires more rigorous cleaning processes to uphold the quality and safety standards for which we are recognized.

To address this increase, we have implemented several initiatives throughout the year that bring us closer to our 2030 water reduction target.

We have implemented a new pressure cleaning system that ensures a significant reduction in water usage. Additionally, we completely revised our cleaning protocols, implementing more efficient semi-automatic procedures that save water and optimize operation times.

Technology also plays a key role with the installation of smart faucets equipped with motion sensors, eliminating waste due to human carelessness. At the same time, we replaced our steam boiler with a more efficient model, sized to accommodate the projected growth in 2025.

Perhaps the most promising initiative is the optimization of our condensate reuse system. This enhancement will enable us to recover and reuse water in our processes, reducing our dependence on external supply and strengthening the water efficiency of the entire operation.

## Objective 2 – Wastewater Treatment System

The water we collect through an independent drainage system and is directed to our Wastewater Treatment Plant (WWTP).

There we implement a series of processes that ensure that the discharges comply with the requirements established by the Catalan Water Agency (ACA), before they are sent to the public network that connects to the Abrera WWTP. This facility is the final stop before the treated water is returned to the Llobregat River, with an average flow rate of 19 m<sup>3</sup>/s.

## Objective 3 – Global Water Consumption Reduction

We are aware of the need to conserve water resources, and therefore we control water consumption at our different plants. During the last period, we recorded a total consumption in all our facilities of 52,370 m<sup>3</sup>, which is equivalent to the average annual consumption of approximately 1,050 people in Catalonia.

Our global commitment is the reduction of water consumption by 20% by 2030 in all Lasenor Group companies. The objective is to reduce total consumption, established in the base year 2023, with 53,009 m<sup>3</sup> globally. Implementing also Planned Water Saving and Efficient Water Use Initiatives at our international plants.

### Lasenor India

Dry cleaning tests will be conducted to reduce water consumption in industrial processes. In addition, rainwater harvesting projects will be implemented, reducing dependence on potable water.

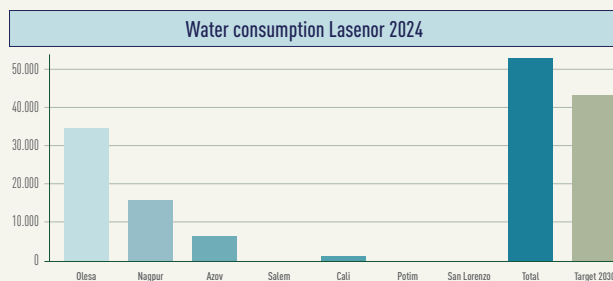
### Lasenor Andina

We will implement a water saving plan that includes training personnel on efficient water use. Sink faucets will be replaced with low-consumption models, and wastewater management will be improved, promoting more responsible water use in operations.

### Lasenor Brazil

We will analyze the feasibility of reusing wastewater from the reverse osmosis system in non-critical activities, such as cleaning nonproductive facilities, promoting a more efficient use of water.

In summary, although 2024 has presented challenges in terms of consumption, we are laying the technological and operational foundations that will enable us to achieve our sustainability goals in the coming years.





### 3. WASTE MANAGEMENT

At the Lasenor plant in Olesa de Montserrat, we have been implementing a defined waste management strategy for several years. This is not a one-time event, but a consolidated approach to minimize the environmental impact of our productive activity. This project is part of the company's Sustainability Plan and is directly aligned with the Sustainable Development Goals (SDGs). Specifically, it contributes to SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action) and SDG 6 (Clean Water and Sanitation).

#### Categorization of Waste Generated at Lasenor

Waste has been categorized into 20 categories, each requiring individualized management. Each category has an assigned waste manager whose goal is to manage the waste's second life, thus converting it into a by-product with an extended useful life.

#### Lasenor's Objectives:

##### Objective 1: Reduction of the total amount of waste by 50%

Baseline Year 2022: 1,911 MT

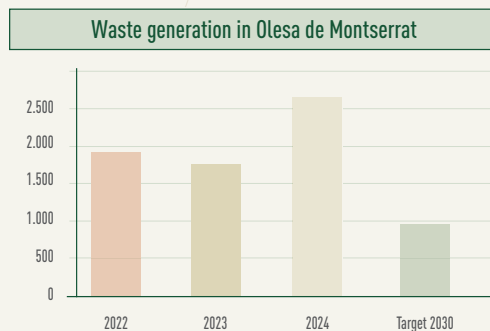
The total waste generation at **Lasenor** – Olesa de Montserrat was 2,662 MT, representing a 39% increase.

This upturn, far from the objectives we had set ourselves, primarily manifested in two categories: sludge generated at the WWTP and oily waste from production plants.

We are aware that these results, which fall below expectations, require the implementation of corrective measures. The top priority in 2025 will be to accelerate the approved investment to improve the dewatering system for the sludge generated during the biological treatment of the WWTP.

Necessary actions still pending include:

- Investment in the dewatering of sludge from the biological treatment at the WWTP.
- Improving cleaning processes and product change-overs to minimize the Oil and Grease category.
- Achieving a second useful life for IBCs.
- Improving our workers' awareness for the correct individualized disposal of waste.

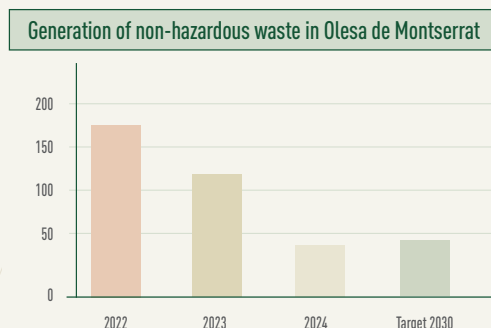




## Objective 2: Reduction of 75% in Non-Hazardous Waste

Baseline Year 2022: 188 MT

The generation of non-hazardous waste has been 43T, representing a 77% reduction.



Our results have been very satisfactory. The enhancement in classifying this type of waste results from the awarenessraising efforts we have carried out with the **Lasenor** team.

Our objective: to avoid improper disposal in this category and to promote a more accurate segregation according to the type of waste. It is clear to us that we must maintain our focus to make progress towards our objective.

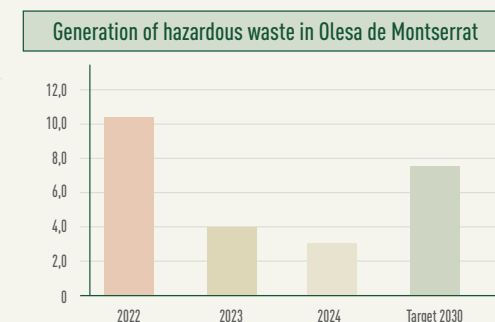
## Objective 3: Reduction of 25% in Hazardous Waste

Baseline Year 2022: 10.2 MT

The hazardous waste considered dangerous at **Lasenor** is the sum of 4 categories:

| HAZARDOUS WASTE CATEGORIZATION |      |      |      |
|--------------------------------|------|------|------|
|                                | 2022 | 2023 | 2024 |
| Lead batteries [16 06 01 (*)]  | 0,01 |      |      |
| Contaminated glass             | 5,56 | 0,76 | 1,48 |
| Non-chlorinated mineral oil    | 0,12 | 0,63 | 0,70 |
| Various solvents               | 4,54 | 2,61 | 0,78 |

The results have been excellent, with a 71% reduction.



The enhancement of hazardous waste management is linked to the reduction of contaminated glass containers and solvents, primarily generated in the laboratories.

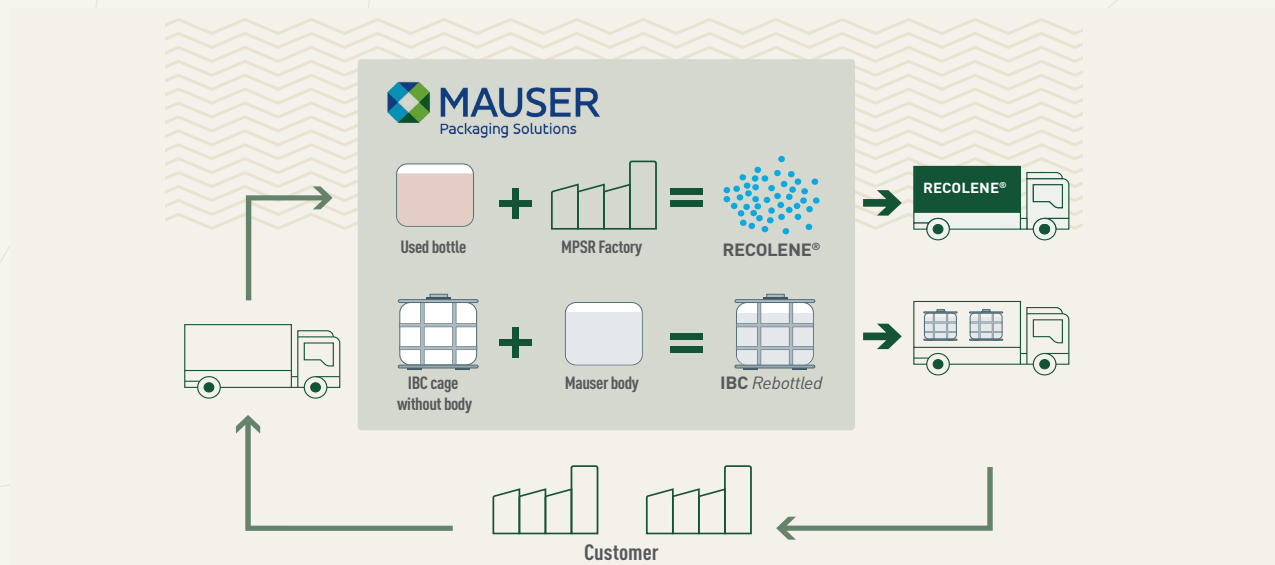
At **Lasenor** we strive to implement the principles of the circular economy whenever possible, aiming to give waste a second useful life and to integrate it into new production cycles. This strategy not only minimizes the carbon footprint of the waste itself, but also increases its value in other uses.



## Applying Circular Economy Principles by Giving a Second Life to Our Waste

In 2024, we maintained our collaboration with MAUSER IBERIA to refurbish IBCs (Intermediate Bulk Containers) by replacing the body of the first-use container that comes into direct contact with the product while retaining the outer metal cage, thereby extending its useful life.

The IBCs, primarily sourced from raw material supply, are shipped from Lasenor to Mauser's facilities in Tarragona, which is less than 100 km away. There, the cage's quality is inspected, and the inner container is replaced with a new one, ensuring compliance with the safety and quality standards required by both companies. This system enables a 66% reduction in the carbon footprint of the packaging, resulting in 95 kg of CO<sub>2</sub> emission avoided for each reconditioned unit.



In parallel to this collaboration and with the aim of optimizing our production processes and becoming more sustainable, we have planned the installation of a new storage tank for glucose, an essential raw material in our production. This will allow the product to be received in bulk, reducing the use of IBCs, reducing waste generation and associated costs, and facilitating more accurate and

continuous dosing during the process.

We also continue to foster collaboration with customers who opt for reusable packaging, designed for multiple life cycles. Our working method aims to reduce the environmental impact of single-use packaging, while fostering a shared vision of responsibility with our customers.



