



*Passion for belting*

EXECUTIVE SUMMARY  
**SUSTAINABILITY  
REPORT**

CHIORINO GROUP

2025

# Letter to the Stakeholders

In continuity with the history and commitment that has always characterised the Chiorino Group, following a vision of continuous growth that generates value for all stakeholders and that is guided by the principles of social and environmental sustainability, it is with pride and satisfaction that I present the Chiorino Group's 2025 Sustainability Report.

In 2025, we continued along the path traced in past years, strengthening our position on the markets despite the difficulties arising from an unstable economic and financial environment and the emergence of unforeseeable global events.

Recent years, in particular, have been a turning point. First the health crisis, followed by the economic and geopolitical crisis, with the dramatic events currently affecting Ukraine and more recently the Middle East with the Israeli-Palestinian conflict, both too close not to feel involved, force us to rethink our paradigms of values, in which the concepts of sustainability (at an environmental, social and economic level) become an indispensable condition for remaining responsible economic leaders in increasingly challenging contexts.

Hence the decision to report annually, on a voluntary basis, on our environmental, social and economic performance and to inform our stakeholders on Chiorino's progress in relation to the ESG sphere (Environmental, Social and Governance).

The vision that guides our Group's development strategy assumes a solid growth in terms of productivity and profitability, without ever losing sight of three fundamental requirements:

- Respect for the person and society;
- Respect for the environment;
- Respect for customer expectations.

For decades we have been pursuing this commitment by responding to stringent international standards that promote the improvement of performance in these fundamental areas. Since 2005 we have been an EMAS-certified company and at the same time we have developed management models for quality, environment and occupational health and safety in line with UNI EN ISO 9001, UNI EN ISO 14001 and UNI EN ISO 45001 standards. In 2020, despite the critical issues mentioned above, we implemented and certified an Energy Management System that complies with the UNI CEI EN ISO 50001 standards. In addition, at the end of 2022 we obtained the GHG Protocol (Greenhouse Gases Protocol) certification to identify our "Carbon Foot Print". An Integrated Management System was thus created to support us in the continuous improvement of the quality provided to the customer, our environmental impact, energy performance and the ability to preserve the health and wellbeing of people.

In the year just concluded, we continued to invest at our Biella sites in renewable energy generation systems, including a new 900 kW ground-mounted photovoltaic plant, as well as in heat recovery systems for energy generated by our production processes. At the same time, we further strengthened our commitment to fostering a culture of sustainability and providing ongoing training for our people.



Alongside these initiatives, we maintained a constant dialogue with the directors of the Group’s subsidiaries, who play a key role in promoting our values and sustainability principles worldwide. Through continuous engagement and regular updates, they help communicate and embed these concepts among employees in their respective markets, reinforcing a consistent and responsible approach across all our locations.

We are fully aware that the transition towards a more sustainable society requires the development of a shared corporate culture, supported by appropriate training and continuous learning.

During 2025, we continued the implementation of a robust corporate governance framework which, through shared policies and the essential support of widespread employee training, enabled us to translate our vision of a more sustainable Group into concrete actions. Our main objective for 2026 is to consolidate the results achieved in 2025, continuing to strongly believe in the development of renewable energy and in the promotion of a sustainability-driven culture. To achieve these goals, the necessary resources will continue to be ensured. The key to the success of these initiatives lies above all in the ability of Chiorino’s people to place their professional expertise, skills, and human values at the service of the Group.

I would like to thank everyone who is making this important journey possible. Together with them, I intend to continue guiding the Chiorino Group along a clearly defined path focused on increasingly sustainable economic growth and on generating value for all stakeholders across Chiorino’s value chain.

The year just concluded also marks the beginning of our 120th year of activity – a milestone that gives even greater meaning to our commitment. We want sustainability to become an increasingly integral part of our business strategy and corporate activities, in full respect of our history and with a clear vision towards the future.

**GREGORIO CHIORINO**  
Executive Chairman




# Chiorino Group

Chiorino started as a tannery in Biella in 1906, producing technical articles and transmission belts for the textile and textile machinery industry. After 1945, with the gradual replacement of leather with petroleum derivatives, the company began to produce a range of products that became fundamental components in many industrial sectors.

Since the Nineties, the Chiorino Group has definitely become a multinational Group that today operates with 24 companies and over 40 fabrication plants, over 100 distributors and more than 1,000 employees worldwide.



## FOUNDATION

**1906**



## OWNERSHIP

**80%** Chiorino Family  
**20%** T.I.P. Tamburi Investment Partners S.p.A.



## TURNOVER

**188** Mln € (2025)



## HEADQUARTERS

**Biella, Italy**



## MANUFACTURING SITES

**3** Biella, Italy  
Olathe, KS, USA  
Sakarya, Türkiye



## CORE BUSINESS

**Conveyor belts**  
**Power transmission belts**



## BOARD OF DIRECTORS

<b>Gregorio Chiorino</b>	EXECUTIVE CHAIRMAN
<b>Matteo Chiorino</b>	CEO
<b>Elisa Chiorino</b>	NON-EXECUTIVE DIRECTOR
<b>Alessandra Gritti</b>	NON-EXECUTIVE DIRECTOR
<b>Claudio Berretti</b>	NON-EXECUTIVE DIRECTOR
<b>Severino Salvemini</b>	NON-EXECUTIVE DIRECTOR <sup>(1)</sup>
<b>Luis Cedié</b>	NON-EXECUTIVE DIRECTOR <sup>(2)</sup>

<sup>(1)</sup> Independent Director

<sup>(2)</sup> as of 31 December 2025



## CHIORINO INTERNATIONAL

**24** Group Companies including 1 JV  
**40+** Fabrication plants  
**1.100+** Employees  
**100+** Distributors

# International Presence

24 Chiorino companies with 40+ fabrication plants and 100+ distributors worldwide



Customer proximity



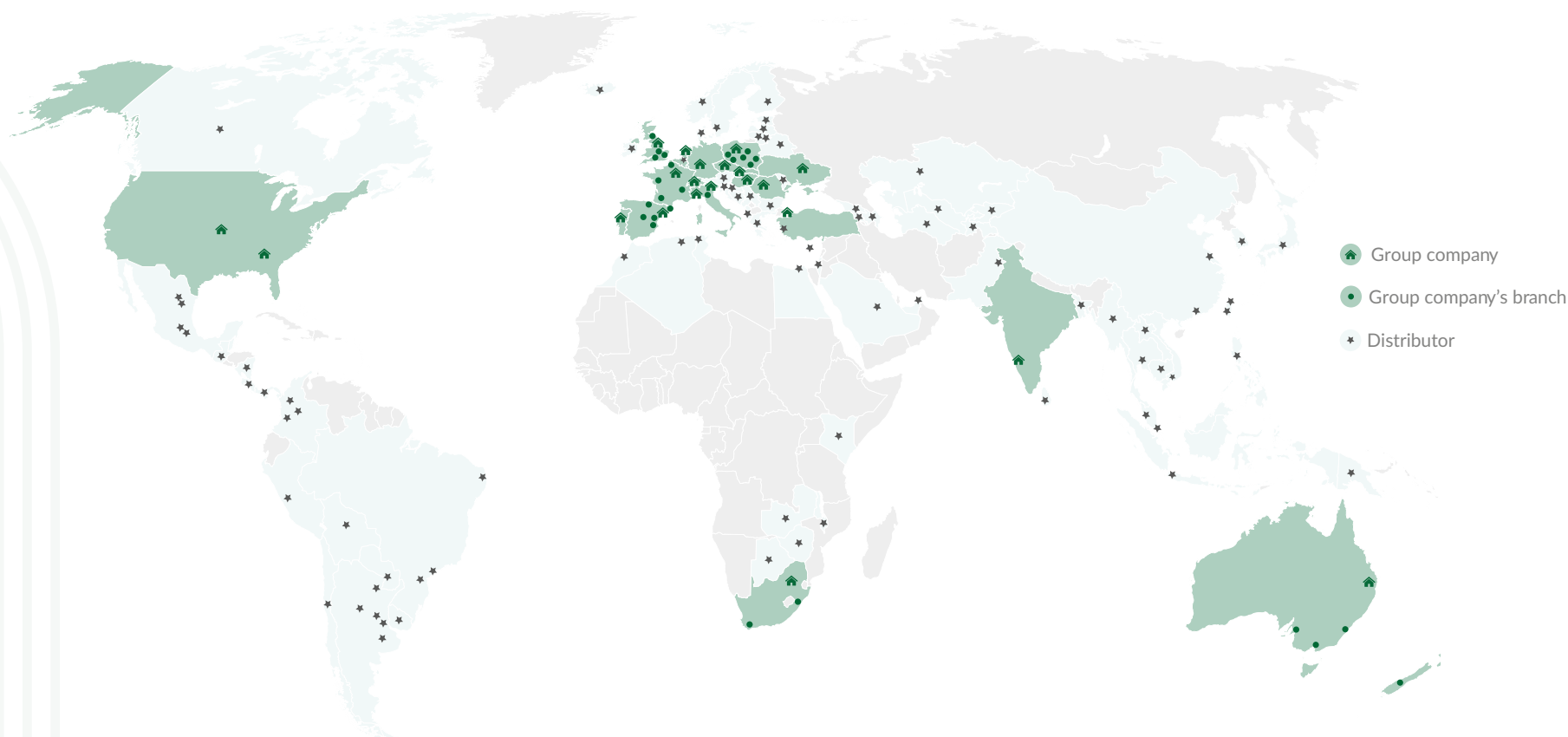
Engineering consultancy



Speed of delivery



Services & installation



## HEADQUARTERS CHIORINO SpA ITALY

Chiorino America - Chiorino Australia - Chiorino Benelux - Chiorino Deutschland - Chiorino France - Chiorino Hungary - Chiorino Ibérica - Chiorino India - Chiorino Parma - Chiorino Poland - Chiorino Portugal - Chiorino Romania - Chiorino Slovakia - Chiorino South Africa - Chiorino Switzerland - Chiorino UK - Chiorino Ukraine - Chiorino Veneto - Kruse - Reko - Safari Belting

# Environment



ENERGY FROM RENEWABLE SOURCES

>89%

Guarantee by GO certificates

ENERGY INTENSITY\*

35,15 GJ/ton

-11% vs '23



DIRECT AND INDIRECT CO<sub>2</sub> EMISSIONS\*

-10%

Compared to 2024

Guarantee by GO certificates

INTENSITY OF RESIDUAL EMISSIONS\*

0,45 ton/tonCO<sub>2</sub>

-10% vs '24



WASTE PRODUCED FOR RECYCLING

>85%

of which

25% of recycled plastic waste to cover 5 synthetic grass football fields

6% recycled paper and cardboard

8% 100% recyclable plastic

\*values do not include Ziligen data for 2025.

# People



AVERAGE HEAD-COUNT

1.146

Employees

CHIORINO WELFARE

>15

OPEN-ENDED CONTRACT

>98%

TRAINING HOURS

>17.000



**C**ORPORATE GOVERNANCE

**A**DVANCED TECHNOLOGY

**R**ESPONSIBILITY

**E**NVIRONMENT

# C

# CORPORATE GOVERNANCE



CHIORINO®  
1906

*Ethics, together with solidarity and sustainability, guide us on a daily basis in the performance of business activities*





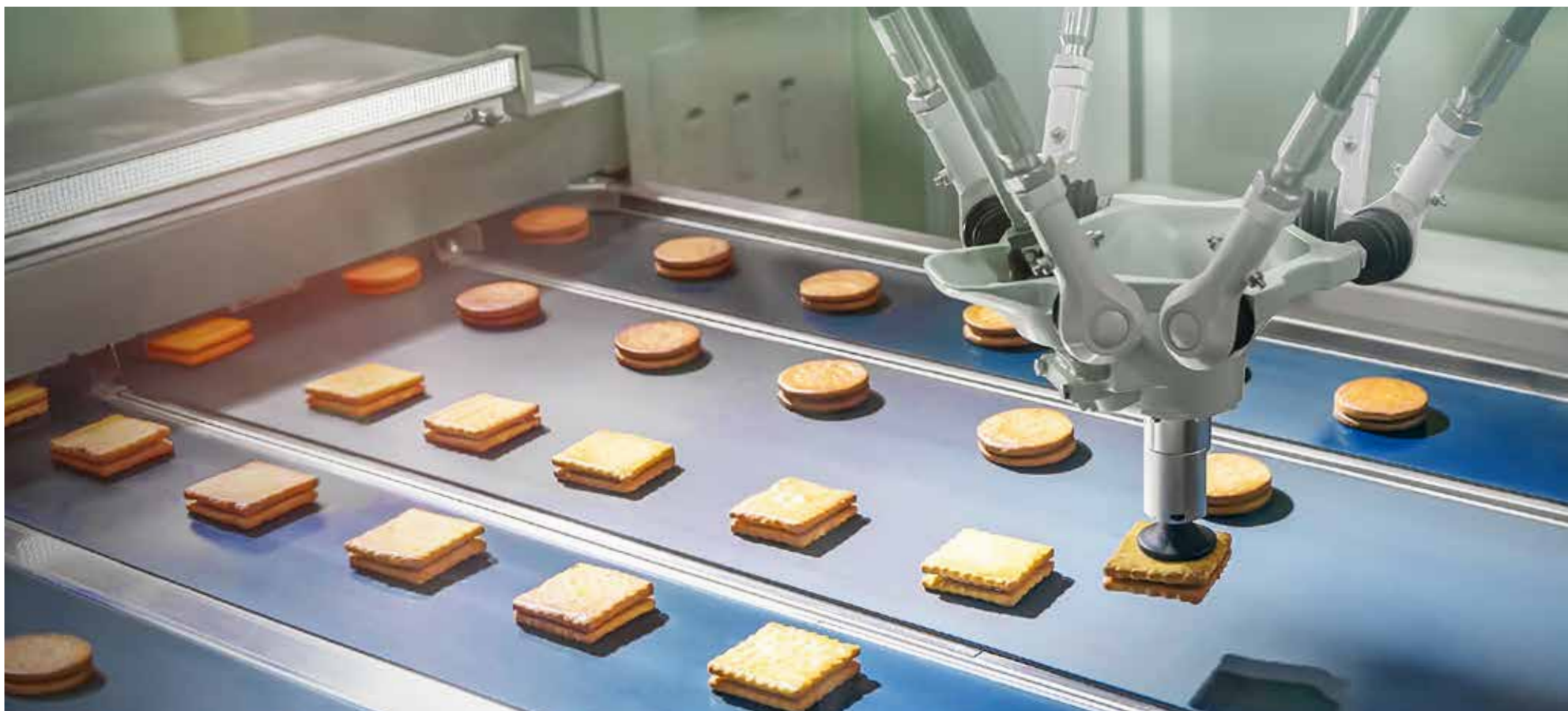
## Our **MISSION**

We strive daily to be the company of choice in lightweight belting by providing engineered, customised and high value-added solutions for our customers' diverse industrial processing and handling needs.



## Our **VISION**

We believe in an automated, digitised, ethical and sustainable evolution of transformation and handling processes in industry and services.



# Our VALUES



## INNOVATION

Research and product and process innovation are distinctive factors for the Chiorino Group, which over the years has been able to renew itself to satisfy increasingly demanding targets and effectively and quickly respond to the changes taking place, often anticipating the new demands imposed by technological progress.



## QUALITY

The company's choices have always been guided by a commitment to global quality. The Group's success is linked to consolidated know-how and a high level of specialisation that enable the development of solutions meeting high standards of performance, efficiency, safety and sustainability.



## TOTAL SAFETY

Chiorino solutions are developed while constantly striving for safety and minimising product and process risks, particularly in the food industry, in accordance with the latest European and international regulations, to the benefit of manufacturers and users and the health of the end consumer.



## SUSTAINABILITY

For many years, Chiorino has pursued a sustainable development policy aimed at protecting the environment and preserving natural resources throughout every stage of the production chain, in compliance with international standards such as UNI EN ISO 14001 and EMAS certification. This commitment is reflected in the development of solutions that support environmental sustainability, enabling customers to reduce waste, preserve resources, while also optimizing production costs.

# Our VALUES



## PEOPLE

The Corporate Code of Ethics is inspired by the principles and values of human resources, which are one of the strategic levers on which Chiorino's mission is based. The company is constantly committed to workplace health and safety, to training and cultural development programmes, and to the management of welfare and remuneration plans for employees and collaborators.



## EXPERTISE & SERVICE 24/7

Chiorino offers continuous personalised technical and service support worldwide through its strongly customer-oriented international distribution network. This is to quickly and efficiently meet each individual request and add value to the business of manufacturers and users.



## INTERNATIONALITY

Chiorino products are present in more than 100 countries across 5 continents, through a network of 23 affiliated companies with 40+ assembly centres and about 100 distributors able to provide excellent application solutions combined with qualified assistance.



## BUSINESS ETHICS

Chiorino is guided by a strong Code of Ethics that defines the legal and moral principles shaping its responsibilities toward people, business and society. The Group promotes respect for human rights, fairness, integrity, legality, transparency, environmental protection, workplace health and safety, data confidentiality and the protection of its reputation.

# Sustainability in Chiorino

Chiorino has launched a process aimed at reducing the impacts generated by its business activities, as well as wanting to contribute efficiently to the fight against climate change.

Starting from 2023, Chiorino defined and structured its sustainability strategy through the development and implementation of a dedicated Sustainability Plan, which is now fully integrated into the Company's operations.

This Plan identifies specific short and medium-term measures regarding the most important sustainability issues relevant to the Group.

The Plan prepared by Chiorino is based on 3 sustainability pillars, broken down into macro-objectives.

## RESPONSIBLE GOVERNANCE

Developing an increasingly sustainable and responsible corporate governance

## ATTENTION TO PEOPLE AND SOCIETY

Guarantee and promote health and safety in the workplace

Support for the territory and local communities

Promote an ethical and responsible production chain

## ENVIRONMENTAL PROTECTION

Promote the protection of the environment and respect for natural resources



# Business Ethics



In order to share with its stakeholders the values and the ethical and behavioural principles that inspire the Group in carrying out its activities, Chiorino has adopted a Code of Ethics.

The purpose of the Code of Ethics is the definition of the legal obligations and moral values that identify the scope of the ethical and social responsibilities of each person who collaborates with the Company; from these general principles derive the rules and operating methods that must be implemented within the Company by all recipients of the same.

Chiorino's Code of Ethics contains the set of values and the general principles of behaviour and conduct considered relevant for the Group for the purposes of its proper functioning, reliability, compliance with laws and regulations and reputation.

The principles of conduct set out in the Code of Ethics relating to company management cover the following aspects:

- Respect for people;
- Fairness in human relations;
- Respect for human rights;

- Respect for the environment;
- Workplace health and safety;
- Legality;
- Integrity;
- Fair play in business dealings;
- Transparency and traceability of activities;
- Protection of image and reputation;
- Data confidentiality management.

Chiorino Italian companies also have a whistleblowing channel for their employees, aimed at reporting any cases of violations of national or European Union regulatory provisions that harm the public interest or the integrity of the Public Administration or Private Entity, of which they have become aware in the context of their work.

Lastly, Chiorino pays attention to compliance with the regulation on personal data protection. The GDPR has implications both in terms of possible administrative penalties and the leakage of personal data relating to Chiorino's key stakeholders. In fact, the Group has adopted policies containing data protection principles, the Data Processing Register and appointment of an external DPO.



# A

## ADVANCED TECHNOLOGY



*We pursue a sustainable development policy at every stage of the production chain in compliance with rigorous international standards*



## Research, Development, Innovation

*The Chiorino Group manages the complexity that comes from the market and from customers in an effective, efficient and flexible way.*

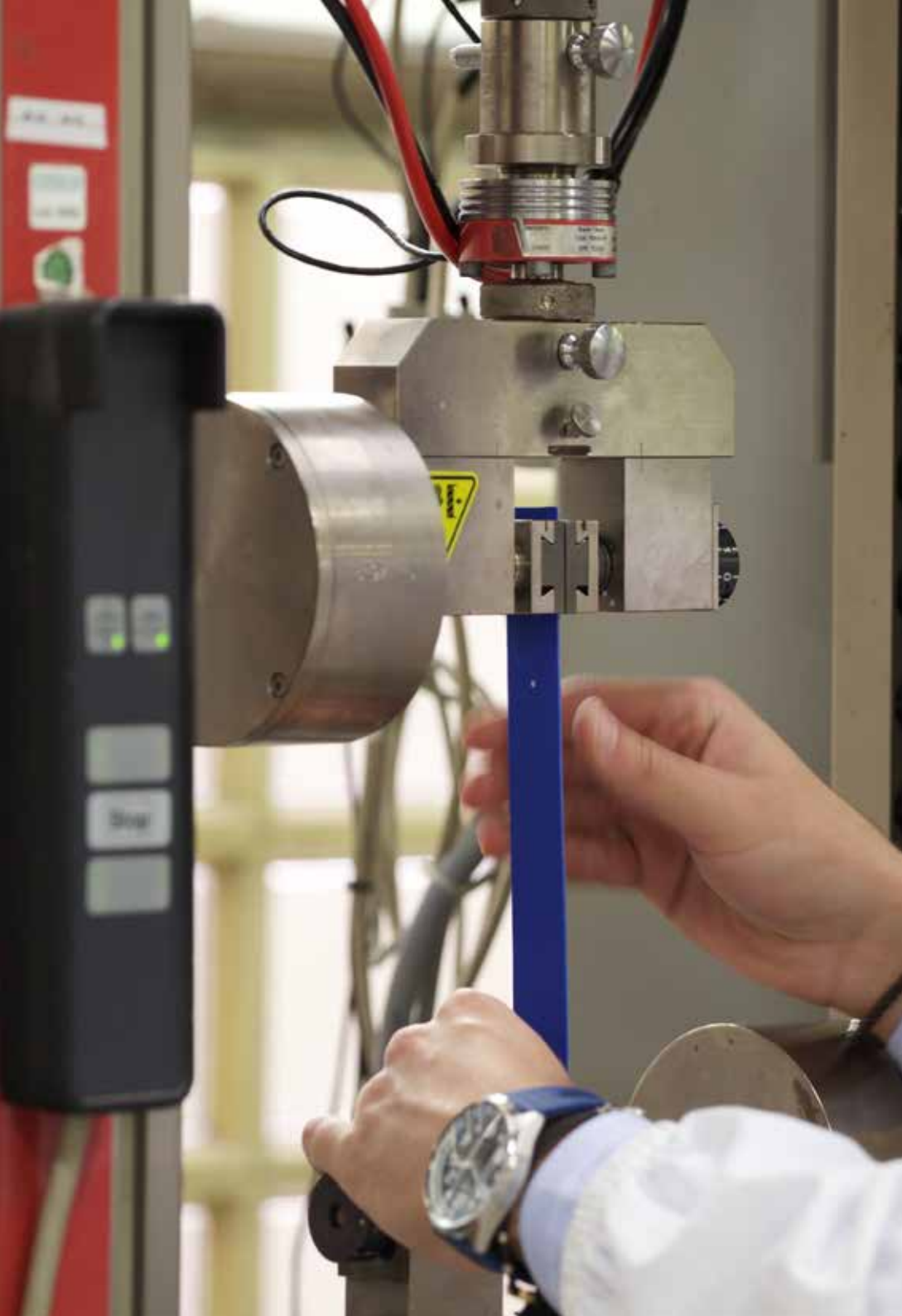
In a constantly evolving world, technological progress increasingly places companies before new challenges in order to meet increasingly demanding targets.

The goal of Chiorino Group is to anticipate the times and respond in the most effective and rapid way to the changes in progress. For this reason, Chiorino invests great resources in its R&D Laboratories and in high-profile university collaborations.

Research areas range from the development of increasingly sustainable and safe products to the study of low-impact internal production processes.

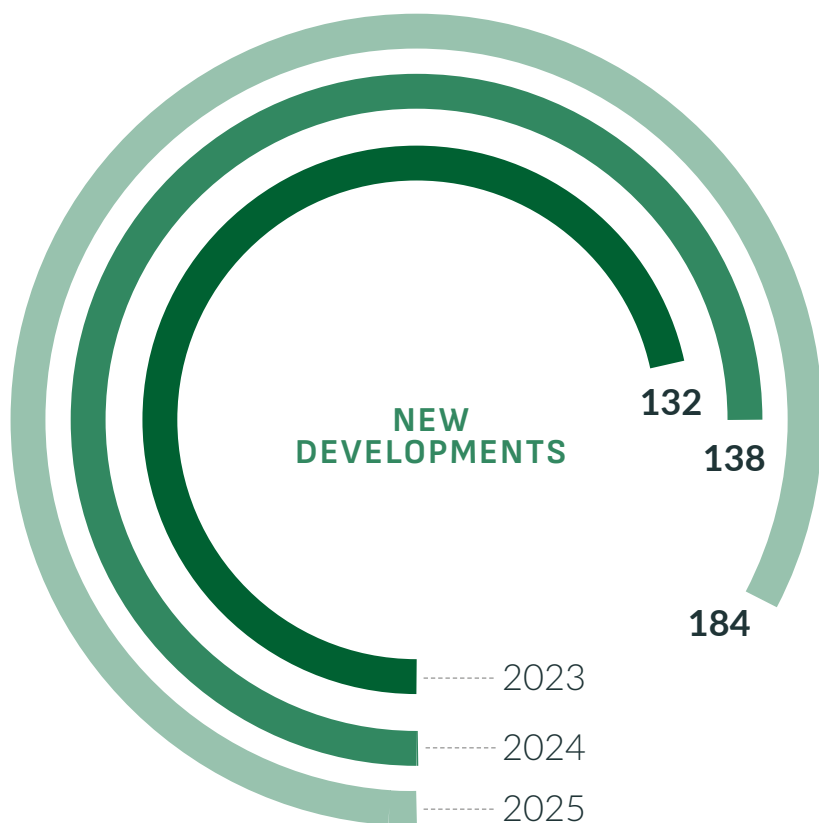
R&D Laboratories have developed ranges of polyurethane belts that have become reference products in the food industry for:

- Consumer safety
- Hygiene
- Energy saving
- Operational safety
- Reduction of waste





~60%  
NEW PRODUCTS  
SOLD IN THE  
SAME YEAR



We manage complexity with "ad hoc" solutions.



## ORGANISATION

- We cultivate the new generation of leaders
- Recruitment of talented young engineers and researchers
- Know-how, Development & Upskilling
- Lean transformation program



## CUTTING-EDGE TECHNOLOGIES

- Engineered and customised industrial lines
- Industry 4.0 and Industry 5.0
- Telemetry and real time performance measurement
- Lean-manufacturing & continuous improvement



## HYPER-CUSTOMISATION

- Solutions for all markets and for all customers
- Excellence driven & Best practices
- Chiorino Workshop Technology

# Chiorino moves the world around us

Every day we are surrounded by all types of consumer goods. From our morning routines to the most specialised applications, Chiorino moves the world around us.

Chiorino has historically been able to predict and provide cutting-edge solutions to adapt to a constantly evolving world. Chiorino products have set new quality standards in the food sector, actively contributing to increasing awareness for food safety and hygiene, where the requirements are increasingly high.

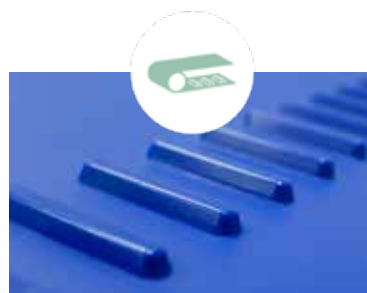
In a globalised world, the e-commerce and automation boom has led to greater attention to the material handling sectors where society has raised standards for speed and energy savings.

Understanding and listening to the needs of customers, Chiorino solutions focus on sustainability and production efficiency.

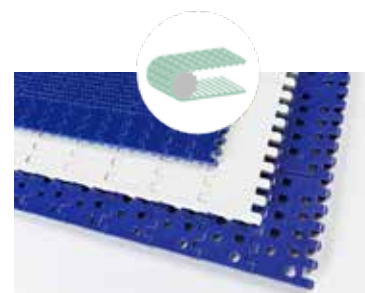
# Our PRODUCTS



**Conveyor and process belts**



**Homogeneous and drive belts**



**Plastic Modular Belts**



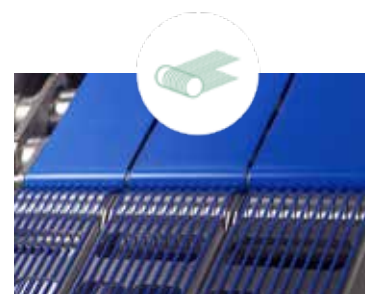
**Machine tapes**



**Power transmission belts**



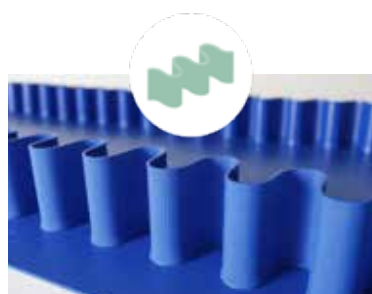
**Timing belts**



**Polyurethane round and V-belts**



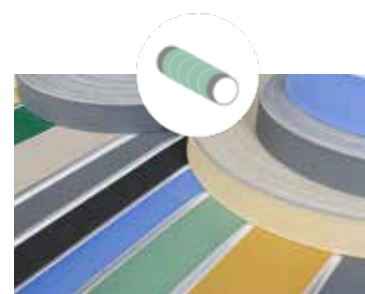
**Profiles, guides**



**Sidewalls**



**Seamless belts**



**Roller coverings**



**Elastomer and silicone sheeting**

# Our APPLICATION fields



Food



Packaging



Paper and Printing



Intralogistics



Airports



Textiles



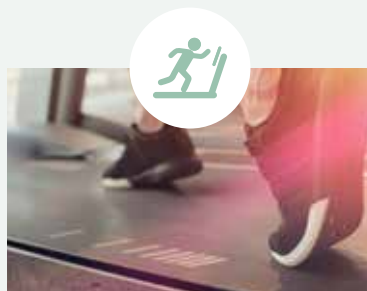
Raw materials



Cutting and Punching



Recycling



Sports



Automotive



**More industries**  
Chemical, pharmaceutical,  
mechanical, clean energy, etc.

# Sustainable Efficiency starts with Zero Waste

## How cleaner process belts can help reduce product loss?

HYPERCLEAN® is a Chiorino belting family designed to boost efficiency and hygiene in food processing.

The Polyolefin (TPO) surface ensures outstanding product release, minimizing residue and preventing waste. In sushi roll production, for example, the sticky rice layer must release cleanly from the belt.

HYPERCLEAN® belts deliver superior release performance, ensuring efficiency, hygiene, and consistent product quality where clean release is critical.



**HYPERCLEAN®**

High release Polyolefin belts for sticky food, confectionery and chocolate processing.



INCREASED EFFICIENCY



LESS WATER AND ENERGY CONSUMPTION



FOOD SAFETY



# Certifications and Stakeholder Engagement



Thanks to its constant attention to environmental issues, in 2020 Chiorino obtained (for its two production sites in Biella) UNI EN ISO 50001:2018 - Energy Management System - certification for the design, development and production of conveyor and process belts, flat transmission belts, aprons and coatings, and coated fabrics and films by means of vulcanisation, spreading and calendering processes. These processes use electricity and natural gas, both with reference to the fabrication of belts and the application of accessories by means of devices that use electricity, and to control through instruments that use electricity and specialised personnel and the shipment of finished and semi-finished products.

In addition to the certification described above, Chiorino has implemented and maintains a management system that complies with the standards set out in the following certifications:

- UNI EN ISO 9001:2015
- UNI EN ISO 14001:2015
- UNI ISO 45001:2018
- UNI EN ISO 50001:2018
- EMAS and GHG Protocol
- A & O

To protect consumer health, Chiorino products comply with the latest European and international food regulations:

- EC Regulation 1935/2004
- EC Regulation 2023/2006
- Regulation EC10/2011
- FDA (Food and Drug Administration)
- HALAL (World Halal Authority)
- USDA (United States Department of Agriculture)
- NSF Regulation/ANSI/3-A 14159-3-2014
- V-LABEL Vegan certification



# R

## RESPONSIBILITY

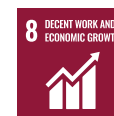


*We promote respect for workers, inclusion, integration and equal opportunities against all forms of discrimination*



# Chiorino's human capital

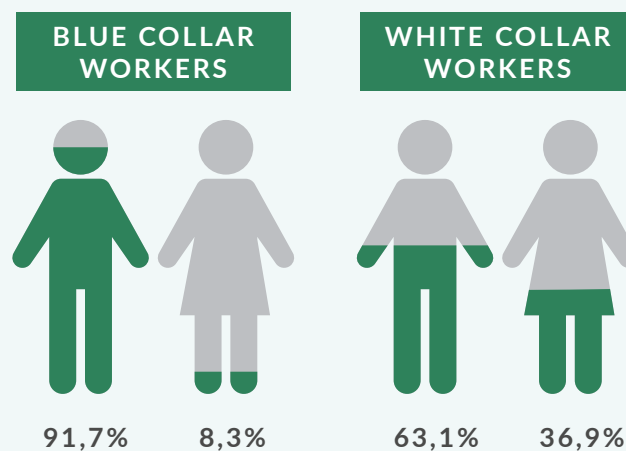
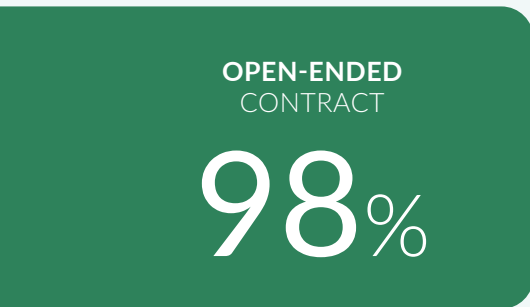
*The growth and development of the individual, together with the safeguarding of health and safety at work and respect for human rights, are among Chiorino's fundamental values: they are pillars that translate the mission and vision into the strategic plan adopted by the company and determine the actions of its people.*



Great value is given to the theme of work continuity, which is reflected in Chiorino's commitment to maintaining long and lasting working relationships. The number of open-ended contracts represents 98% of employment contracts.

## BREAKDOWN OF EMPLOYEES BY GENDER

In 2025, the percentage of women in the Chiorino Group was 20.4%. This figure is nevertheless significant taking into account both the sector in which Chiorino operates, and its purely productive nature, traditionally characterized by a greater male presence.



Breakdown of employees by category



Breakdown of governing bodies by gender (BoD)



## TURNOVER

Chiorino's focus on the individual has tangible evidence in the low turnover rate, which is at a normal level.

**12,8%** in 2025

## TRAINING

During 2025, the Chiorino Group provided more than 17.000 hours of training, an increase of 10% on the previous year.

**> 17.000** total hours

>10% vs '24

**16** Training hours per capita

## CORPORATE WELFARE

Starting from employees' needs, in order to promote a better work-life balance and with particular attention to health, more than 15 initiatives were developed and undertaken as part of the "Chiorino Welfare Plan".

**> 15** Initiatives







# Welfare

## Main services/initiatives


The main welfare services listed here are activated by Chiorino S.p.A.



Company canteen




Industrial laundry room




Tax and legal assistance



Social Welfare Desk




Internet point and PC donation for employees' children



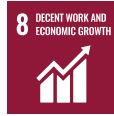
Shopping cart



Health prevention



Solidarity time bank



# Workplace health and safety

Chiorino pays particular attention to the issue of health and safety at work.

This is why it has formalised its intentions for growth and continuous improvement in a voluntary company policy that has been and continues to be the driving force behind the company's constant evolution, also with a view to reducing occupational health and safety risks.

To this end, Chiorino is based on technical planning of workplaces, equipment and processes in line with the highest level of compliance with current regulations on safety and hygiene at work present in the various plant operation areas.

Thanks to these intentions and its focus on employee health and safety issues, the company has developed a Health and Safety Management System, applied in both Biella factories and compliant with the regulatory requirements of Italian Legislative Decree 81/2008 and OHSAS 18001:2007 first and UNI ISO 45001:2018 later.

The certified Integrated Management System covers 100% of the workers employed, whether they are employees or external personnel.

The same system is created through the participation and involvement of formally recognised employee representatives.

CERTIFIED SAFETY  
MANAGEMENT SYSTEM



UNI EN ISO 45001:2018





# Staff management model



## RECRUITMENT AND SELECTION

The desire to place the person at the centre of the organisational context is an objective pursued by the company right from recruitment and selection phases and is based on the principles of fairness and transparency declared in the Code of Ethics.



## RESOURCE DEVELOPMENT AND TALENT MANAGEMENT

Chiorino pays, in general, particular attention to attracting and managing young talent for whom it structures and plans dedicated growth and career programmes with the aim of contributing to their growth process as well as promoting their integration.



## TRAINING

Chiorino considers training a decisive aspect in guaranteeing its employees the most multifunctional and adequate operational capacity possible for the assigned activities. For this reason, training activities are planned and managed on an ongoing basis.



## LOYALTY

A significant influence in loyalty policies is represented by the implementation of the “Suggestions Project”, which has allowed all production employees to propose ideas, solutions, advice or improvements in the field of work quality, organisation, optimisation, safety and environment since 2011. Furthermore, since 2022, Chiorino has introduced the “Gold Pin” award, a symbol of great value that is presented to employees with over 40 years of service. The Pin represents a tangible sign of belonging and dedication to the company.



## CULTURAL GROWTH

Chiorino pays great attention to the individual cultural growth of its people and offers the company population a series of development opportunities without any burden on the employee.



# Community Support

The Chiorino Group has always shown constant interest in initiatives aimed at promoting the social and cultural fabric in which the various Group companies are rooted.

Management is committed to supporting important projects and/or initiatives that aim to support the communities in which it operates and beyond.

Among the many initiatives undertaken in 2025, we would like to highlight a significant donation to an association operating in the Biella area, confirming our ongoing commitment to the growth and well-being of the local community.

Fondazione Biellezza is a philanthropic organization that promotes tourism enhancement and sustainable development in the Biella region, supporting projects capable of attracting investment, creating opportunities, and generating long-term value for the territory.

# E NVIRONMENT



*We promote scientific and technological development aimed at environmental protection and safeguarding natural resources*



## Attention to the Environment

*In its Code of Ethics, the protection of the environment and natural resources are priority goals for the Chiorino Group.*

Everyone in Chiorino acts according to the laws and regulations in order to protect the environment and reduce pollution. The Company contributes, in the appropriate sites and in the performance of its industrial activity, to the promotion of scientific and technological development aimed at environmental protection and the safeguarding of resources.

Chiorino's mission is to develop products and solutions that support 360° eco-sustainability. Each brand, with its "unique selling propositions", responds to precise needs for energy and water resources saving, reduction of waste production and use of environmentally friendly solutions. These benefits also result in optimised cost of ownership.

Chiorino has designed new solutions that support efficiency and sustainability in the intralogistics and particularly in the food sector, with the acquisition of the V-Label Vegan certification.



# Sustainable products



## WATER SAVING

Chiorino HP® belts are the benchmark in the food industry due to their cleanability that allows a reduction in water and energy consumption compared to standard solutions while ensuring excellent sanitation performance.



## ENERGY SAVING

HS® elastomer drive belts featuring CHIO-TPE thermoplastic interply provide enhanced flexibility compared to monolithic-core solutions. This characteristic can reduce the power required for belt operation and, in selected applications, contribute to lower energy consumption than equivalent monolithic belt designs.



## REDUCTION OF WASTE

The DEHESIVE polyolefin and polyurethane belts for the food industry guarantee perfect release, thus reducing waste. In the Paper & Printing sector, PT® belts increase the reliability of the production cycle, limiting paper waste.



## EFFICIENCY AND LONG LIFE

The HS® and MF® elastomer products guarantee exceptional resilience, high elasticity and long service life.



## COST OF OWNERSHIP OPTIMISATION

HP® Compact Drive® AM Antimicrobial homogeneous positive-drive belts deliver high performance in terms of cleanability, self-tracking capability, and risk management. Depending on the application and operating conditions, they help reduce water and energy consumption, as well as maintenance requirements, compared with standard solutions.



## ENVIRONMENTAL FRIENDLY

FAST JOINT thermoplastic belts and CHIOLINK™ belts guarantee quick installation, avoiding the use of glues or adhesives, reducing environmental impact and disposal procedures.



## RISK MANAGEMENT

Conveyor belts are essential to production and must be highly reliable. Chiorino's HP AM® and FXD™ belts help prevent foreign-material contamination in food processing, while the ESD range reduces electrostatic discharge risks for operators, machinery, and sensitive electronics. Chiorino also offers flame-retardant belts to help prevent fire hazards.



## MAINTENANCE REDUCTION

CHIOLINK™ reduces maintenance thanks to its patented Quick & Safe splicing system, allowing fast on-site installation without glues or external fitters, minimizing downtime and costs

In 2025, the Group consumed a total of 154,503 GJ of energy resources, representing a decrease of approximately 5%, in line with the production trend when considering the Group perimeter excluding the newly acquired Ziligen. The energy intensity indicator remained substantially stable compared to 2024 and improved by nearly 11% versus 2023.

During 2025, Chiorino installed a photovoltaic park on the land adjacent to the Biella Sud plant, with a nominal capacity of 900kW.

In 2025, we produced almost 1.8GWh of clean energy, avoiding the emission of approximately 800 tonnes of CO2. This is equivalent to removing nearly 400 petrol cars from the road, planting 36,000 trees, or avoiding 930 intercontinental flights.



## ENERGY FROM RENEWABLE SOURCES

> 89% Guarantee by GO certificates

## ENERGY INTENSITY

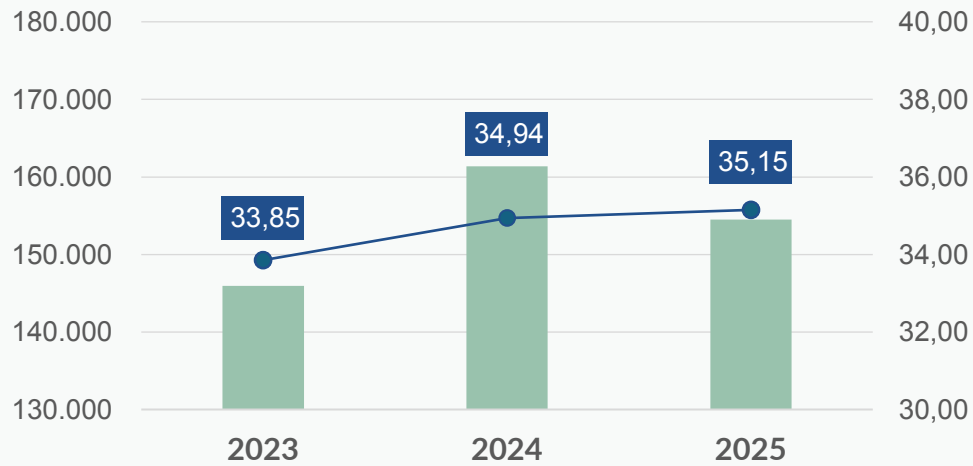
35,15 GJ/tonne

-11% vs '23



## ENERGY INTENSITY

(the values in the table do not include Ziligen data for 2025.)



**Key:**

- Total GJ
- Energy intensity GJ/tonne



# CO<sub>2</sub> Emissions



In 2025, renewable electricity certified through Guarantees of Origin accounted for 100% of the total electricity purchased by Chiorino S.p.A. and 89% for the Chiorino Group. Atmospheric emissions are closely linked to energy consumption and are divided into direct emissions (Scope 1) and indirect emissions (Scope 2).

Since 2021, the Group has purchased “Green Gas” quotas, through which it has supported global “Zero CO<sub>2</sub> Impact” projects promoted by methane suppliers, including VCS-certified projects such as new wind farms (Alaçati Wind Power Project in Turkey) and anti-deforestation initiatives in specific geographical areas, such as REDD+ Cordillera Azul in Peru and REDD+ Katingan Mentaya in Indonesia.



## CO<sub>2</sub> EMISSIONS DIRECT AND INDIRECT

**-10%** Compared to 2024  
Guarantee by GO certificates

## INTENSITY OF RESIDUAL EMISSIONS

**0,45 tonnes / tonCO<sub>2</sub>**

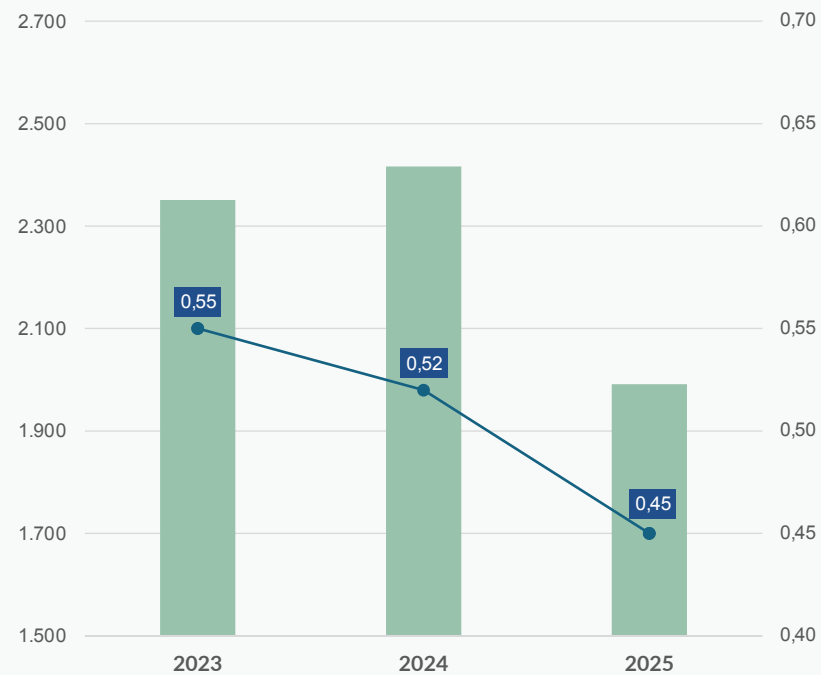
-10% vs '24

# CO<sub>2</sub> Emissions



## INTENSITY OF RESIDUAL EMISSIONS

(the values in the table do not include Ziligen data for 2025.)



### Key:

- Total emissions scope 1 + scope 2 residual market based tCO<sub>2</sub>
- Intensity of emissions scope 1 + scope 2 market-based residual tCO<sub>2</sub>/tonne



## ↓ Circular economy and waste

Chiorino is committed to achieving circular economy objectives and leverages innovation to generate environmental benefits related not only to emissions reduction, but more broadly to the reduction of all types of impact, from natural resource consumption to waste generation.

In 2025, a total of approximately 3 thousand tonnes of waste were generated, of which 85% was recovered waste. This represents a significant improvement compared to approximately 80% in 2023.

### WASTE PRODUCED INTENDED FOR RECYCLING

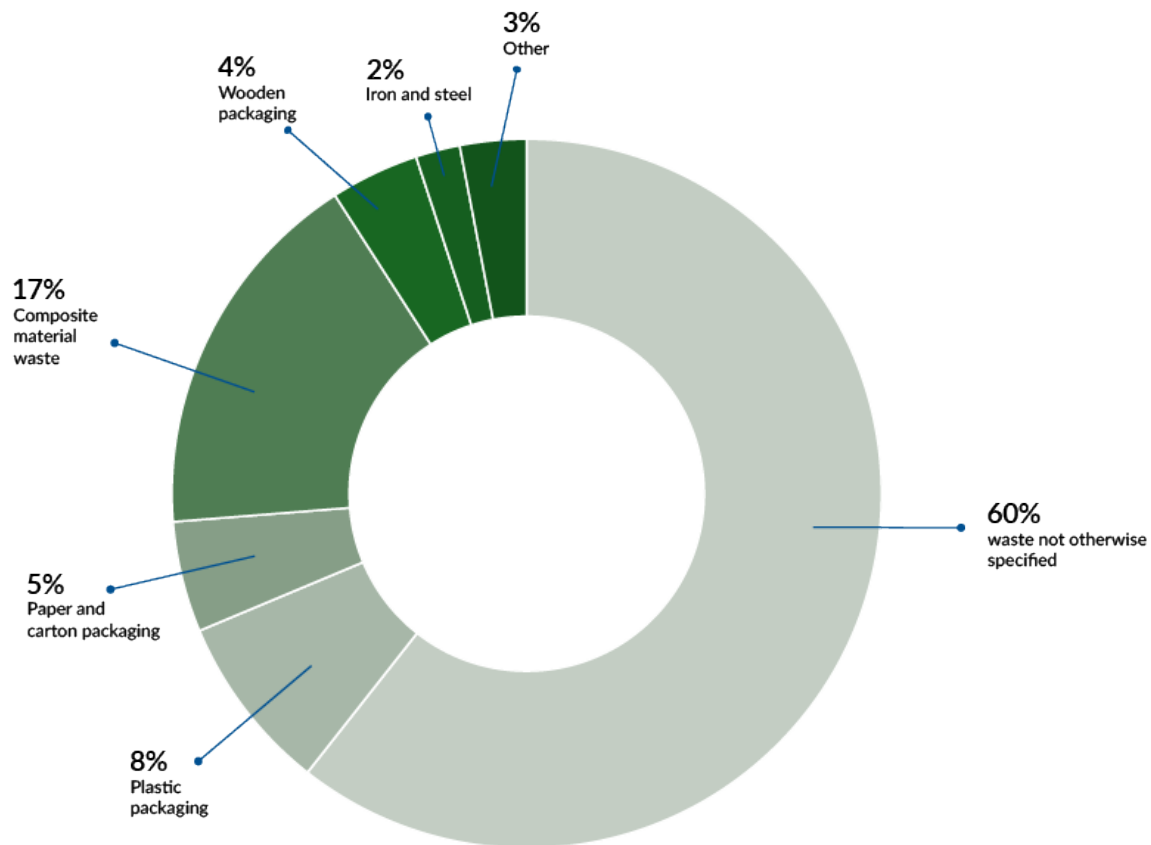
>85%

- 25% of recycled plastic waste to cover 5 synthetic grass football fields
- 6% recycled paper and cardboard
- 8% 100% recyclable plastic

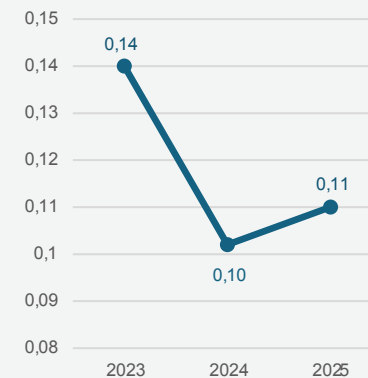


# ♻️ Circular economy and waste

WASTE PRODUCED BY CHIORINO S.P.A. - YEAR 2025



WASTE FOR DISPOSAL IN TONNES OF FINISHED PRODUCT, CHIORINO GROUP



RECYCLABLE WASTE OF TOTAL WASTE CHIORINO GROUP

