printer TRENTO

Environmental, Ethical, Health and Safety Report 2025 (data 2024)

Together Everyone Achieves More

The greatest threat to our planet is the belief that someone else will save it.

Robert Swan

INTRODUCTION

Sustainability and environmental awareness are at the heart of everything we do; we operate in a global market, and over the last few years, more and more customers have been asking that we take immediate and concrete action to help the environment. This is why we at PRINTER TRENTO are committed to providing greater transparency about our environmental performance data, making them available on our website or providing them on request.

PRINTER TRENTO S.r.l. has always been attentive to its customers' needs and was the first Italian printing and bookbinding company to earn the Chain of Custody Certification from the Forest Stewardship Council®. We have been working hard to offset our operational carbon footprint, which is why we have partnered with Climate Partner® to manage and cut carbon emissions for each book we produce.

Maintaining the ISO14001 Environmental System Certification, the FSC® and PEFCTM chain of custody certifications and now also the SMETA 2 Pillar and the commitment to CO2 reduction and compensation represent the pillars on which Printer Trento's sustainability is based.

Over the years, our upper management has been taking decisive steps towards more sustainable business operations to ensure that health, safety, environmental and quality standards are met.

Commitments towards the community in which the Company operates, its links with local schools, the voluntary monitoring of its performance and correct application of the legislation also in issues such as those of Labor Law, Ethics, Safety and workers' rights, are handled in a concrete manner through projects or audits by third-party entities that are entirely voluntary and capable of demonstrating their commitment on all aspects of sustainability to their stakeholders.

After over 43 years of successful growth, we have become an innovation-driven company with a network of globally renowned partners and customers.

Thanks to major investments and our growing interest in technology, we have become a leading name in the printing industry, recognized by the most important publishing houses at an international level as a company looking to the future. To strengthen our online presence, increase our visibility and expand our customer base, we have also been publishing articles on technical and environmental issues, thanks also to the social media marketing projects actively promoted by the company and cultivated directly, with pride, by our own employees.

Board of Directors

Dario Martinelli, Giovanni Girardi, Susanna Geier, Massimo Martinelli, Flavio Lucin

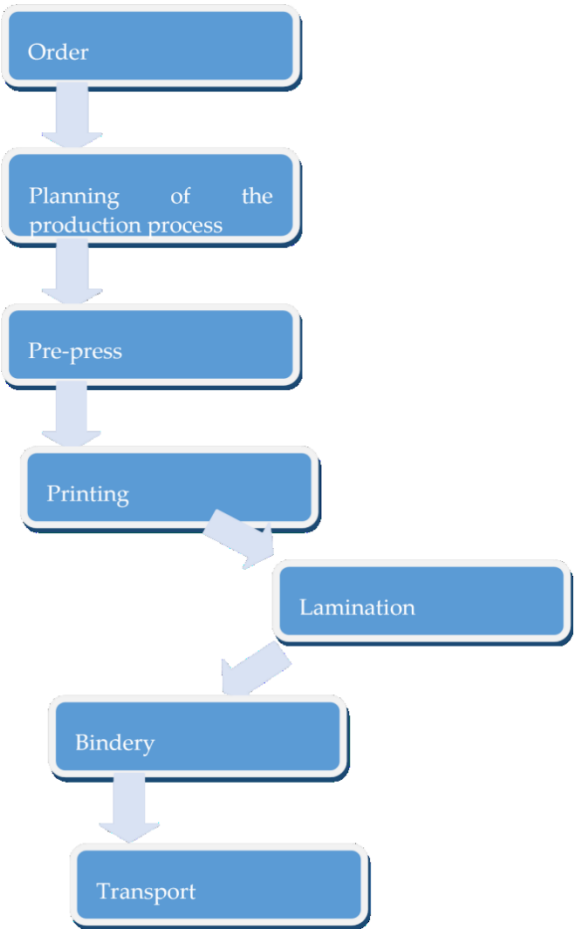
At PRINTER TRENTO S.r.l. we have been producing books for the international market for over 40 years now. Located in the industrial park north of Trento, our facilities (offices, production department, warehouse and archives) cover an area of 6,500 square meters. We at Printer Trento stand out from our competitors in Northern Italy for our cutting-edge technology, constantly updated procedures, exceptional service and reliability.

OUR PRODUCTS

From banners to stationery, leaflets to calendars – and everything in between: Printer Trento is the printing expert you are looking for. Since books, in all their forms, are our flagship product, we mainly work with publishers. Printer Trento makes over 98% of its turnover abroad as it relies on an extensive network of relations in the United Kingdom, Netherlands, Germany and France.

OUR PROCESS

The whole process is made of 7 stages, as can be seen below:



OUR INTEGRATED MANAGEMENT SYSTEM

Our management system covers all operations. Even though we are not ISO 9001 certified, we have always been committed to quality throughout every stage of the production process in order to maintain 100% customer satisfaction from order to delivery. This is why our staff, as well as our suppliers and any third parties working with us, ensure that all of our monitoring procedures and quality control processes are implemented from start to finish.

Our management system has been established to integrate the Environmental Management System (compliant with UNI EN ISO 14001) with FSC® and PEFC™ standards for Chain of Custody management and ISO 12647 standards related to printing and prepress activities.

FSC
www.fsc.org
FSC® C015829
Il marchio della gestione forestale responsabile

PEFC
PEFC/18-31-506
Promuoviamo la Gestione Sostenibile delle Foreste
www.pefc.org

UNI EN ISO 14001:2015
CERTIQUALITY
SISTEMA DI GESTIONE AMBIENTALE CERTIFICATO

ProcessStandard
08 ISO 12647 certified until OFFSET 25

OUR POLICY, OUR COMMITMENT

After the innovations introduced last year regarding the commitment to Carbon Neutral and to reduce, even by offsetting them, CO2 emissions, this year there are further innovations concerning our Policy. The company mission has expanded on the ethical and safety part, driven by the novelties of the FSC® standards but also by the constant interest in these issues of our customers and has led the company to embark on a new path by planning periodic checks also according to the guidelines guide of the 2 pillar of SMETA (on the following pages you will find a detailed description), which include verification of compliance with requirements relating to workers' rights, control of suppliers and mandatory health and safety aspects.

Printer Trento S.r.l., thanks to the awareness and responsibility of its Management, is committed to:

- Complying with the applicable laws and legal requirements
- Protecting the environment, preventing and reducing pollution, and minimizing the risk of environmental accidents
- Sharing its environmental policy and corporate goals with its stakeholders
- Developing a sustainable paper sourcing policy, so as to protect forests while helping the economic development and the people of the countries exporting cellulose
- Reducing consumption of raw materials
- Reducing CO2 emissions from the production of its products over time
- Comply with the fundamental requirements of FSC® work envisaged by the Chain of Custody standards including the aforementioned compliance with current legislation and collective labour bargaining, the prohibition of discrimination in employment and profession, the prohibition of the use of child labour under the age envisaged by current legislation and any form of forced and compulsory labour, respect for freedom of association and the right to collective bargaining
- Comply with the FSC® requirements as defined in the document FSC-POL-01-004 Policy for the
- Association of Organizations with FSC, and therefore to guarantee not to be directly or indirectly involved in the following activities: illegal logging or trade in illegal wood or forest products , violation of human and traditional rights in forestry operations, destruction of High Conservation Values in forestry operations, significant conversion of forests into plantations or non-forest land use uses, introduction of genetically modified organisms into forestry operations, violation of a any ILO Fundamental Convention, as defined in the ILO Declaration on Fundamental Principles and Rights at Work (1998) and detailed above
- The continuous improvement of its management system

This commitment is therefore periodically translated into specific objectives and goals for improvement, which are pursued through:

- Constantly assessing the environmental issues associated with our activities, taking into account the life cycle of our products as well as the relevant risks and opportunities at all times

- Analysing the context in which we work in on a regular basis
- Training and engaging staff so as to improve their expertise and awareness
- Sourcing paper from qualified suppliers and buying FSC® (Forest Stewardship Council) and PEFCTM
- (Program for Endorsement of Forest Certification schemes) Chain of Custody certified products
- Reducing energy waste and optimizing raw material usage
- Working hard to reduce ink consumption by using ink-saving options and the best technology on the market
- Investing in cutting-edge equipment
- CO2 offsetting projects to make its products Carbon Neutral
- Internal control processes, internal self-assessment according to the principles of work expressed by FSC® and willingness to accept second-party audits on ethical aspects related to the research, hiring and management of personnel or aspects relating to the management of safety and the environment in the company
- Engaging our stakeholders, when possible or requested, to improve environmental management, ethical and security aspects in workplaces

Printer Trento recognizes that having an integrated management system is a useful tool to demonstrate one's environmental, ethical or health and safety commitment as well as the quality of its products. The needs of an international clientele towards all these aspects are increasing day by day and for Printer Trento, having valid or recognized tools represents one of those elements of constant renewal that have always characterized and distinguished the Company. To this end, Printer Trento also adopts an Integrated Management System compliant with the UNI EN ISO 14001 guidelines, the ISO 12647 standard and follows and applies the requirements specified by the International Certification standards such as FSC® and PEFCTM.

The Board of Directors is therefore committed to guaranteeing al the human economic resource necessary for its implementation and maintenance.

OUR COMMITMENT TO THE ENVIRONMENT

In its Integrated Policy, the Board of Directors of Printer Trento wanted to underline its corporate commitment to reducing its environmental impacts also in terms of CO2.

This commitment, always pursued through technological improvements or investments for self-production of energy or with other management investments, also translated in 2020 into a partnership with Climate Partner, which is still active to date for the calculation of the company's Corporate Carbon Footprint.

CO2 IMPACTS REDUCTION AND CO2 COMPENSATION

The company has planned **improvement targets in its environmental management system** to reduce its impact in terms of CO2 emitted, through plant efficiency, or to partially compensate the CO2 emitted into the environment through its activities.

GREEN ENERGY AND ENERGY CONSUMPTION REDUCTION

Our philosophy has always been one of continuous improvement. Since the very beginning, we have been heavily investing in technology and innovation to improve the quality of our products, reduce waste and make the most of the resources we have.

Over the last few years, we have achieved many ambitious goals, one of the most important being the installation of 2,030 sq.m. of **photovoltaic panels** to reduce our nonrenewable energy consumption. We have also removed all asbestos roofs and undertaken major renovation works.

In just three years (2017-2019), Printer Trento has removed all asbestos cement roofs and expanded its PV system.

To optimize energy use, Printer Trento recently also invested in **new technologies** (heat pump) for the company's cooling and heating systems, replacing traditional lighting with **LED alternatives** and working hard to reduce raw material use, waste production, and energy consumption.

During 2022 and 2023, the company started and completed a **photovoltaic system upgrade**. This has resulted in an increase in green electricity and a consequent reduction of the environmental impacts in terms of CO2 produced (total annual reduction of 400,000 kg of CO2 through self-generated energy alone).

USE OF INTERMODAL TRANSPORT

During 2024, a major project involved the logistics organization of the company. The goal of reducing road transport in favor of intermodal is still ongoing. The sensitivity of its customers has helped Printer Trento reach and overcome the first step planned for the year 2024 and the trend in the first months of 2025 has further consolidated the expected results.

Data:

CO_2 reduction	t	Reduction (calculated on the theoretical all-road basis)
2024	166,60	- 9,66%
2025 (january-april)	249,54	- 27,49%

**data calculated according to calculation methods provided by the transportation company*

CO2 OFFSET PROJECTS

From 2020 to 2024, thanks to the partnership with Climate Partner, Printer Trento has supported projects of various kinds: actions for reforestation and tree planting in Brazil or development of wind farms and introduction of renewable energy in developing countries,as well as projects aimed at cleaning the oceans from plastic.

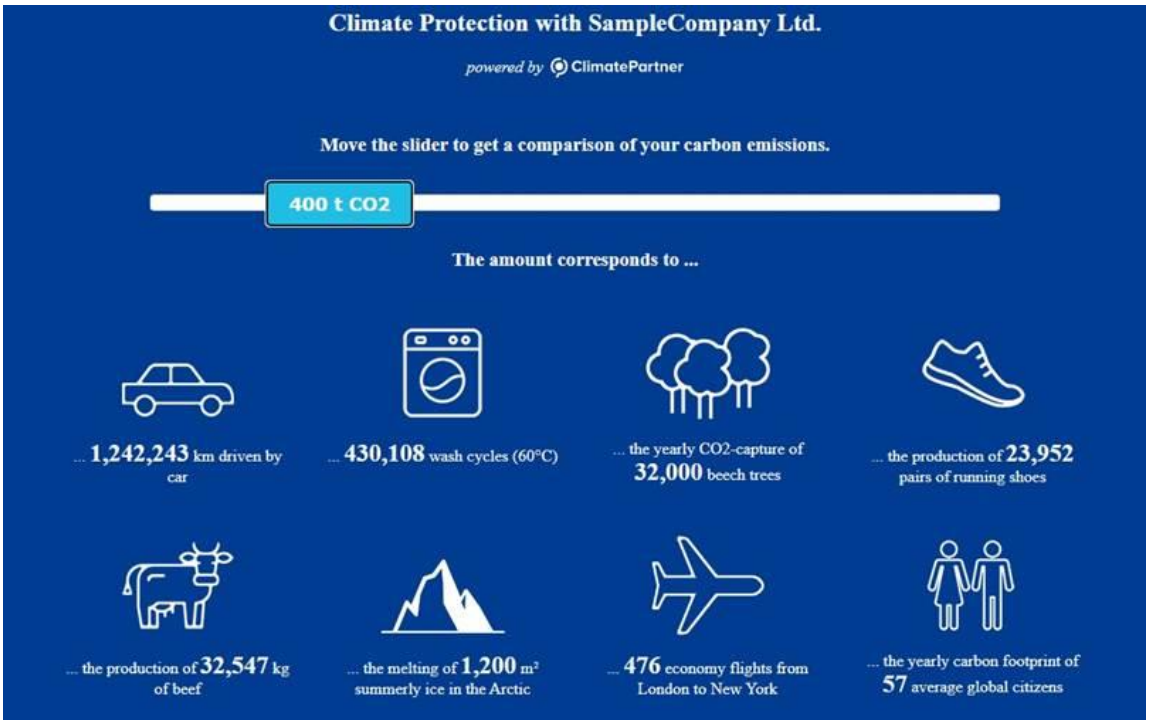
It was thus able to provide its customers with climate-neutral print products.

Some data

The Carbon Neutral productions with Climate Partner projects have led to offsetting more than 400 thousand kg of CO2, mainly with the Clean Ocean project (for every ton of CO2 offset through regional projects for the implementation of wind farms or photovoltaic plants, 10 kg of plastic are collected on site as part of the Plastic Bank Initiative)

What does 400 tons of CO2 correspond to?

Below an infographic provided by Climate Partner helps to understand the significance of these interventions.



REDUCTION IN PLASTIC USE

PLASTIC-FREE

Another major corporate goal is to reduce the impact of packaging on the environment by going plastic-free. This is why we have undertaken feasibility studies to reduce waste from plastic wrapping by 100% and from plastic packaging for advance copies by 90%.

PRINTER TRENTO: ENVIRONMENT AND SOCIAL RESPONSIBILITY PARTNERSHIPS

Printer Trento has been working with Istituto Pavoniano Artigianelli, a school specialising in graphic arts in Trento, for many years now.

ARTIGIANELLI
We become, together

Printer Trento regularly welcome students from Artigianelli who wish to undertake an internship here during or after their studies.

Our experienced and skilled professionals, mentor the students, so that they can develop their skills and apply their knowledge.

PROJECTS

In 2018, Printer Trento took part in the "TU SEI" Project launched by the Autonomous Province of Trento and Confindustria Trento.

TU SEI aimed to develop mutually beneficial partnerships between schools and businesses in order to:

- Build long-term relationships by having students learn about the industry, not only in terms of numbers and economic impact, but also in terms of values, and conversely, having businesses know about the local school system and the activities carried out in each different school
- Give students the opportunity to understand what skills are needed in the workplace
- Get teachers, families and businesses together to help students choose their options and best career path.

The project proved to be an exciting challenge for both parties:

- on the one hand, it compelled schools to identify the work skills and learning expectations that will prepare students for employment, as well as to implement interdisciplinary activities, teach both practical and problem-solving skills, and have students work on projects and learn about entrepreneurship
- on the other hand, it compelled businesses to offer hands-on training to help students in developing the skills that are required for employment today

The project put students front and centre, allowing them to showcase their entrepreneurial, creative, and self-promotion skills and use their knowledge and resources for actual work situations.

Menzione speciale

ARTIGIANELLI
We become, together

printer TRENTO

Istituto Pavoniano Artigianelli per le Arti Grafiche con Printer Trento S.r.l.

"Qualità significa fare le cose bene quando nessuno ti sta guardando", diceva Henry Ford, quello delle automobili. È lo stesso pensiero che muove il progetto fra Printer Trento e l'Istituto Pavoniano Artigianelli di Trento: l'azienda produttrice di libri di pregio apre le porte agli studenti; una classe quarta si mette in team con i grafici dell'azienda per fare qualità. Sono partner in Tu sei per realizzare una linea di prodotti promozionali: bisogna trasmettere la filosofia aziendale, lo si fa producendo magliette, manifesti, uno slogan per l'azienda partner. Modi di essere che diventano modi di fare. Menzione speciale della Commissione di valutazione.

SPONSORSHIPS

Every year, Printer Trento funds research projects through the Telethon Foundation and also makes donations to many local and national non-profit organisations.

FONDAZIONE Telethon

PRINTER TRENTO IS A SEDEX MEMBER

Sedex® | Member

Corporate Social Responsibility (CSR) can be defined as a strategic business direction that voluntarily promotes social, ethical, and environmental accountability within the company. Our ongoing commitment to these issues is reinforced by our certifications (ISO 14001, FSC®, PEFC™), which reflect the quality of our work as well as that of our partners and suppliers.

Given the growing interest in sustainability across the publishing industry, Printer Trento S.r.l. has also decided to join the Sedex platform.

We have put appropriate safeguards and controls in place to ensure ongoing transparency, ethical, social and environmental compliance, as well as better health and safety in the workplace.

We at Printer Trento want to make the most of this opportunity, using self-assessments and audits to grow and improve.

About Sedex

Sedex is a non-profit organisation promoting responsibility in supply chains and the largest platform collecting and processing data on the ethical performance of supply chains in Europe.
All audits to collect data are conducted by accredited certification bodies that follow specific procedures (2-pillar SMETA or 4-pillar SMETA depending on the factors explained below).

Understanding SMETA procedures

SMETA (Sedex Members Ethical Trade Audit) was developed by the Sedex Associate Auditor Group (AAG) after a multi-stakeholder meeting to provide a **framework for best practice when it comes to social audits and reports**.
The goal was to **reduce the number of audits** or other monitoring activities to verify compliance with ethical standards, to the **benefit of all parties involved** - retailers, manufacturers and suppliers more in general.

SMETA audits can based on:

- **2 pillars**: working conditions, health and safety
- **4 pillars**: working conditions, health and safety, environment, business practices.

The **SMETA** procedure includes:

- A best practice guidance (BPG) for conducting audits
- A common audit report format
- A common corrective action plan format

Benefits of requesting a SMETA audit

- It improves the social performance along the supply chain
- It helps **manage suppliers more efficiently**
- It **reduces ethical risk**
- It **reduces duplicate audits**
- It provides a **global procedure** and ensures transparency

After having been audited by its own Customer in 2019, in 2022 Printer Trento voluntarily decided to ask an external body to verify every two years its position regarding SMETA 2 pillar requirements, taking the commitment to handle any observations or suggestions for improvement that could emerge.

The reports are published in transparent form on the Book Chain platforms, Ecovadis and on Sedex.

The 2022 report is available to anyone who requests it.

The next audit is scheduled for October 2024.

The audit scheduled for the end of 2024 was conducted for organizational reasons at the beginning of 2025.

The 2025 report is available to anyone who requests it.

The next audit is scheduled for March 2027.

TEAM BUILDING AND PERSONAL INVOLVEMENT

Teamwork, sharing and confrontation are some of the strengths of our TEAM and on which the company invests daily through team-building projects, convivial meetings during special occasions, daily meetings and continuous confrontation between the corporate professionals and customers themselves.

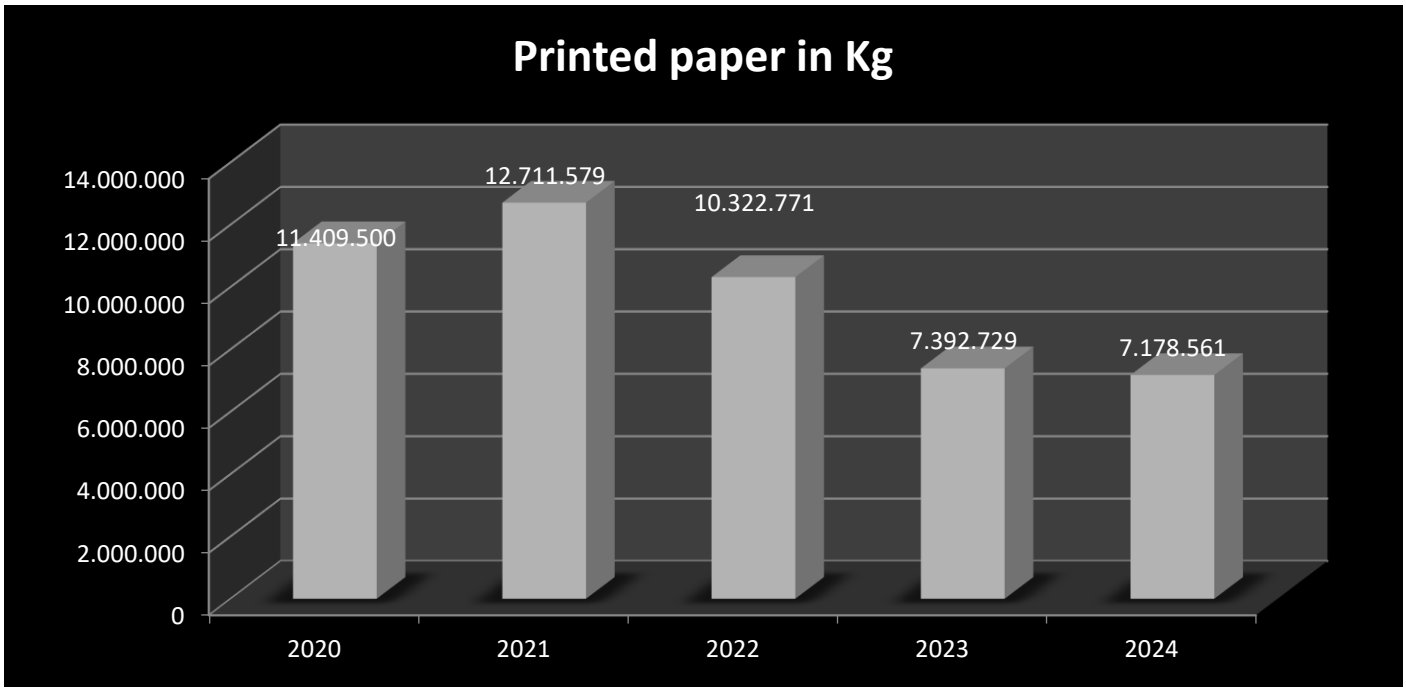
ACHIEVED, ONGOING AND OPEN OBJECTIVES

Target performance compared to the previous report published in 2023:

ISSUE	PM	MEASURE	OBJECTIVES	DEADLINE	STATUS
ENERGY CONSUMPTION	14	UNITEC GROUP feasibility study: replace existing cooling and heating systems with a heat pump	TOES reduction by 40% in gas and electricity consumption for heating and cooling	2022 Rescheduled: 2025	IN PROGRESS
WASTE	22	Feasibility study: switch from conventional plates to process free ones	Cut down the environmental impact related to plate production (100% reduction in waste from plate production, 100% reduction in water consumption, reduction in CTP maintenance costs and maintenance waste)	2023 Rescheduled: 2024	CLOSED Partly reached due to printing production reasons
ENERGY CONSUMPTION	24	Installation of a new LED lighting system (warehouse, loading/unloading areas and offices)	Reduction in electrical energy consumption	2021 Rescheduled: 2025	IN PROGRESS
EMISSIONS	27	Replace our old R22 air conditioning system	Complete removal of R22 refrigerant	2022 Rescheduled: 2025	IN PROGRESS
ENERGY CONSUMPTION	28	Upgrade of the PV system on production's roof and instalment of a new system	Increase of self-produced energy by 30% compared to the previous system (data 2021)	2024	CLOSED 40 % reached
EMISSIONS	30	Installation of e-bikes recharging station	Promoting bike use among employees reducing CO2 production impact on home to work journey	2027 (new deadline)	OPEN Not started postponed
WASTE	31	Replacing ink cans with ink containers	Reducing waste, in particular metal packaging connected with ink usage, by 20%	2025	IN PROGRESS

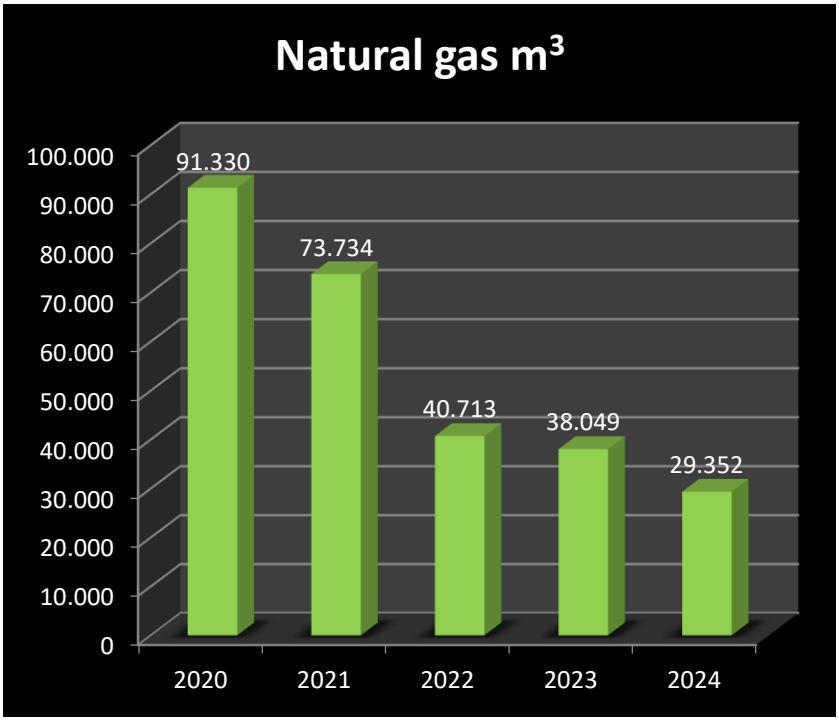
ISSUE	PM	MEASURE	OBJECTIVES	DEADLINE	STATUS
EMISSIONS	32	Increasing intermodal transport for finished books, in particular usage of train towards GB	50% of annual volumes sent to GB on train – Reduction of CO2 emissions on final destination delivery	2028	IN PROGRESS
MANAGEMENT	33	Second-party social policy audit on safety and environment for subcontractors	Most relevant subcontractors providing the most significant services are monitored	2029	IN PROGRESS

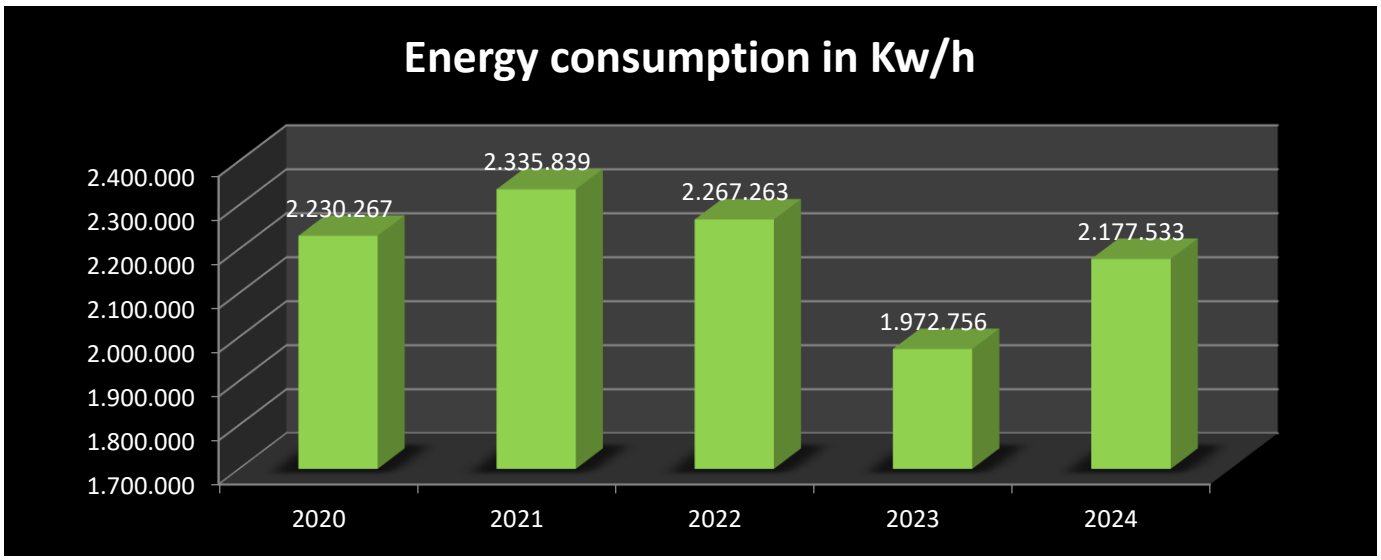
OUR ENVIRONMENTAL PERFORMANCES



ENERGY CONSUMPTION

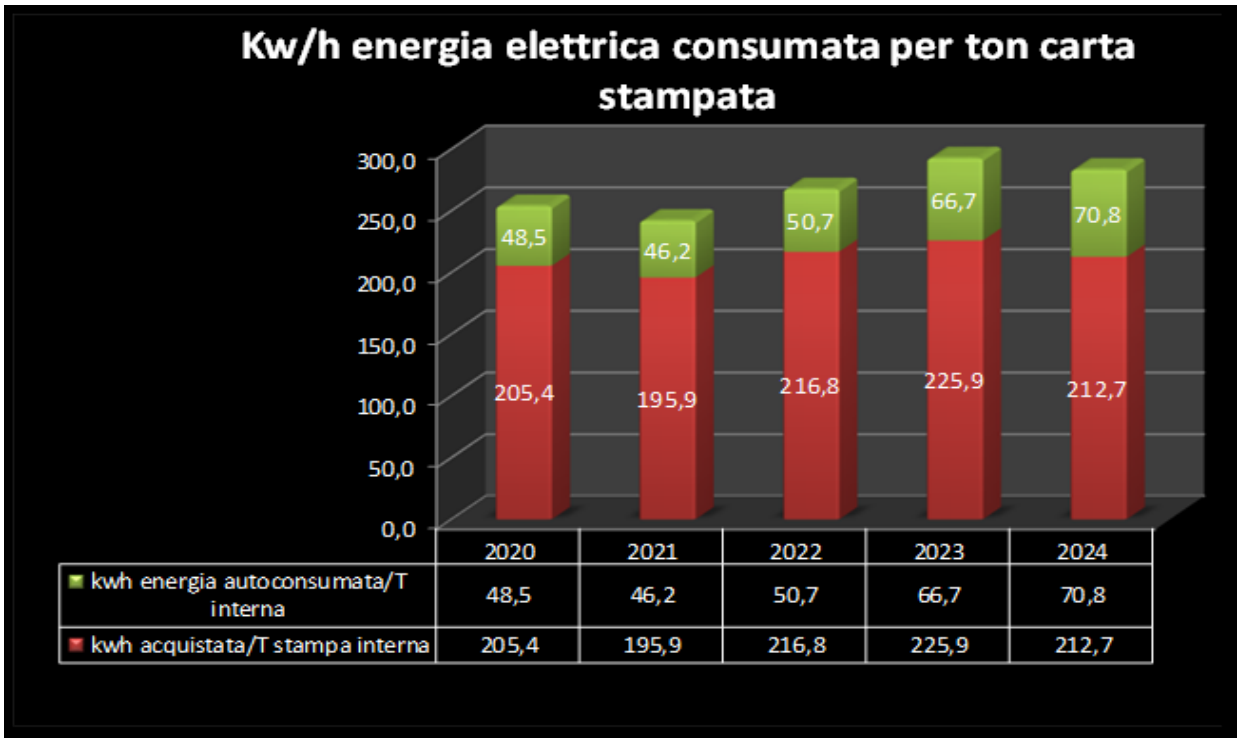
The significant decrease in gas consumption is due to the new heat pump system coming on stream.





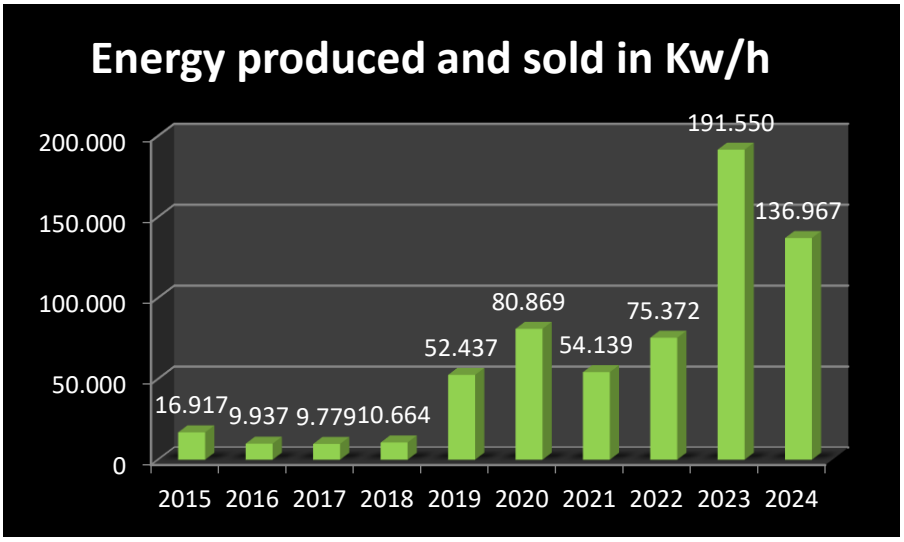
The increase in printed paper consumption per tonne is mainly due to the incidence of the commissioning of the heating/cooling system with heat pump (with a consequent clear decrease in gas consumption).

Approximately 20% of the energy electrical requirement is produced through the photovoltaic system. A part of the energy produced is also sold on the network.

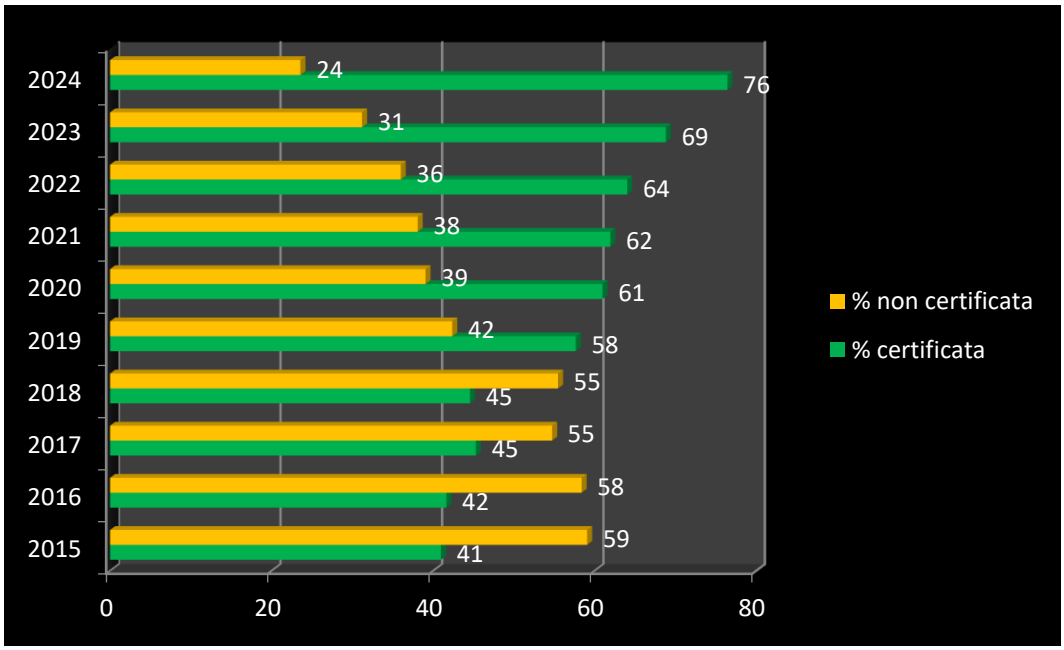


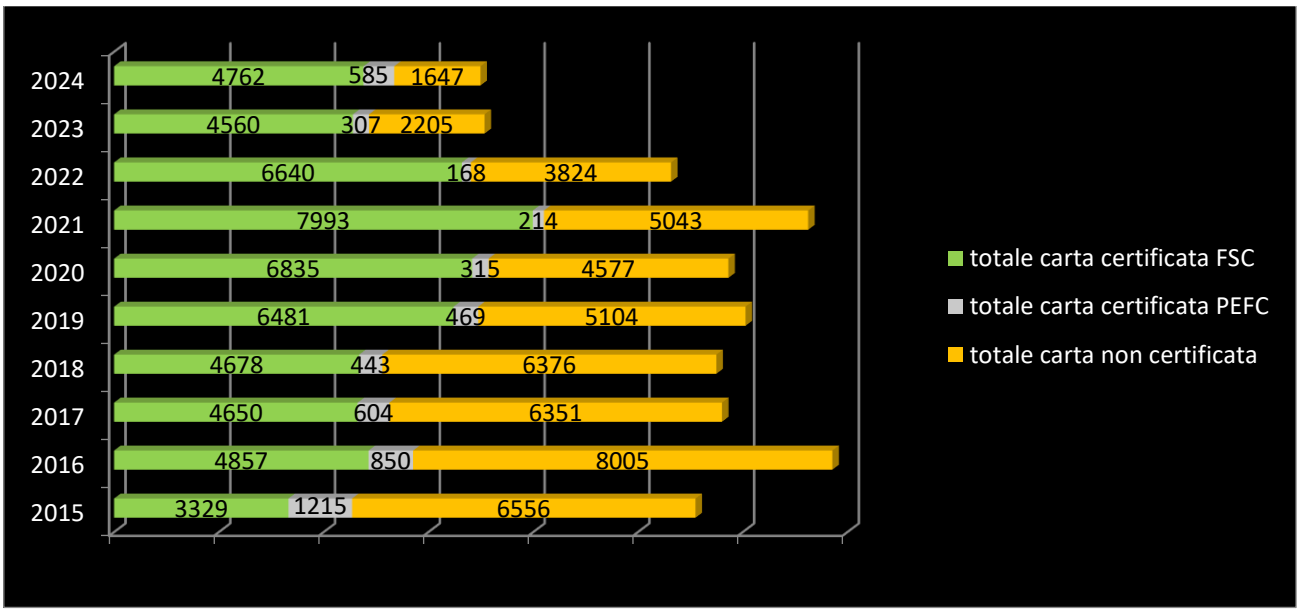
ENERGY CONSUMPTION (from photovoltaic) SOLD ON THE NETWORK

A portion of green energy produced by Printer Trento is sold to the grid. The amount is increasing in 2023 and 2024 compared to 2022 due to drops in orders and the consequent sale of non-self-consumed energy but also due to the efficiency of the plant.



PURCHASE OF CERTIFIED PAPER WITH FSC® or PEFCTM CHAIN OF CUSTODY

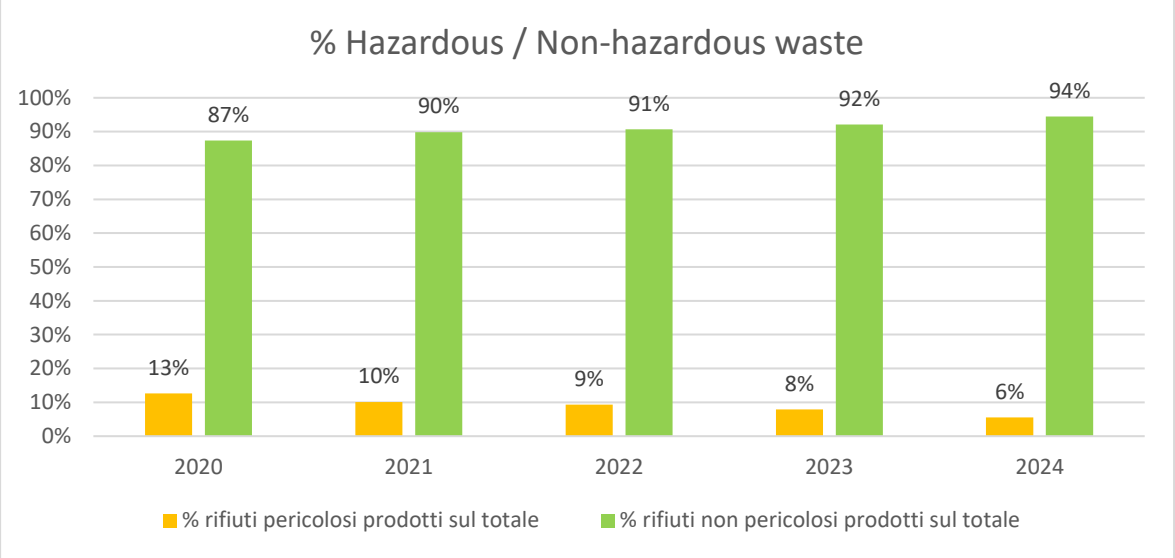


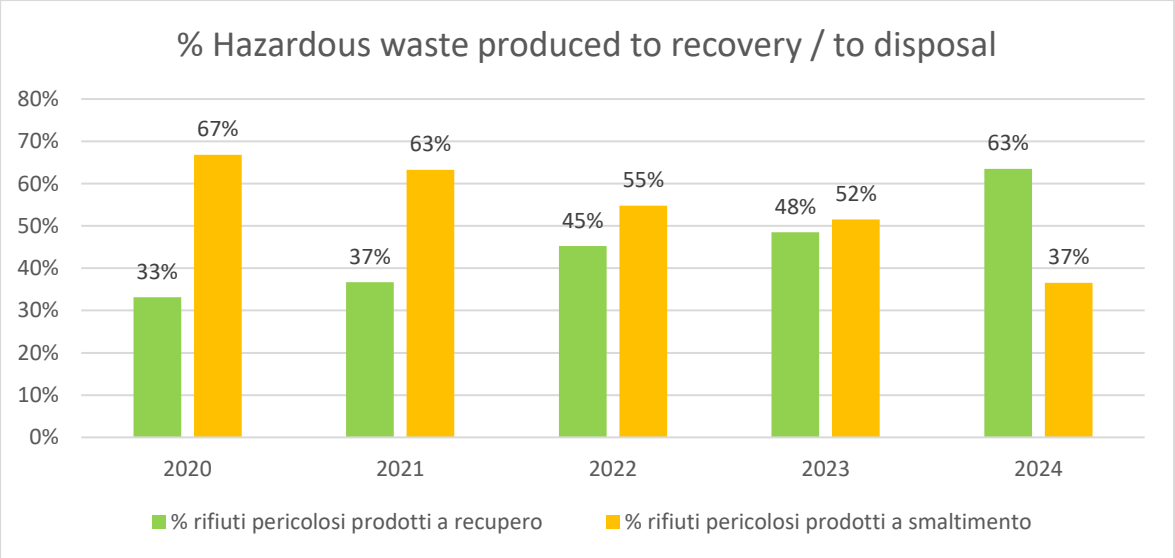


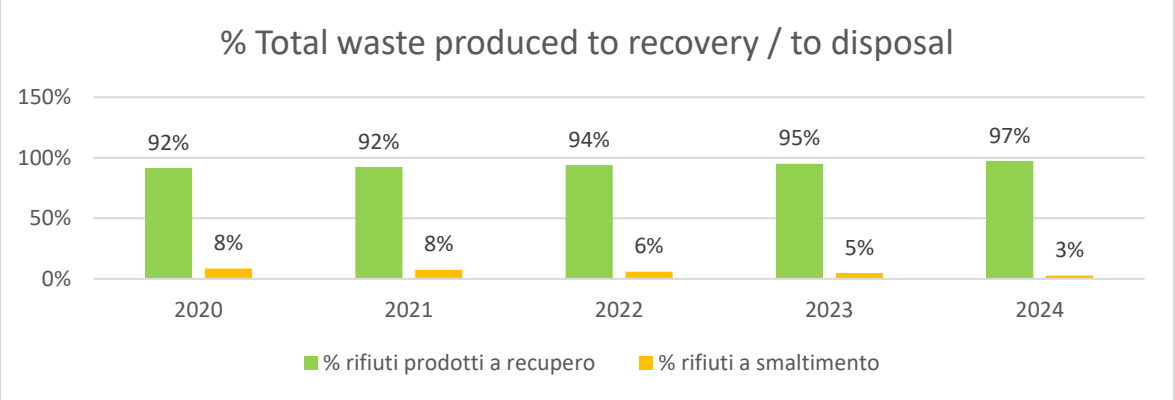
Although the volume of paper purchased is significantly lower due to the decrease in production, the consumption of certified paper is still higher than non-certified paper compared to the previous year.

MAIN WASTE (PRODUCTION AND RECOVER TRENDS)

Waste type	UM	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Paper	kg	746.550	797.290	690.056	656.900	664.310	647.890	848.110	790.748	580.410	585.040
Plate solution	kg	44.000	50.710	48.569	62.679	100.520	68.759	64.014	46.280	26.190	14.430
Used plates	kg	101.770	104.300	98.750	101.920	93.500	84.220	105.030	102.200	75.330	77.600
Rubber	kg	1.514	630	2.977	810	0	2.840	0	4.250	1.760	940
Raws and sawdust	kg	5.346	6.478	4.848	22.041	24.433	23.392	28.086	29.822	22.101	17.036
Ink waste	kg	12.463	11.620	13.350	10.415	13.222	11.013	11.487	12.751	9.950	7.600
Plastic	kg	6.050	7.190	7.450	14.670	4.640	4.610	7.080	7.070	5.670	6.520
Wood	kg	7.450	12.640	6.500	1.580	4.920	3.160	4.780	3.460	3.620	2.340


% Hazardous / Non-hazardous waste
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
13%
87%
10%
90%
9%
91%
8%
92%
6%
94%
2020
2021
2022
2023
2024
% rifiuti pericolosi prodotti sul totale
% rifiuti non pericolosi prodotti sul totale


% Hazardous waste produced to recovery / to disposal
80%
70%
60%
50%
40%
30%
20%
10%
0%
33%
67%
37%
63%
45%
55%
48%
52%
63%
37%
2020
2021
2022
2023
2024
% rifiuti pericolosi prodotti a recupero
% rifiuti pericolosi prodotti a smaltimento


% Total waste produced to recovery / to disposal
150%
100%
50%
0%
92%
8%
92%
8%
94%
6%
95%
5%
97%
3%
2020
2021
2022
2023
2024
% rifiuti prodotti a recupero
% rifiuti a smaltimento

	2020	2021	2022	2023	2024
Total hazardous waste	108654	110917	94296,5	57615	39510
Total non-hazardous waste	750009	984551	917648	674058	678827
TOTAL	**858663**	**1095468**	**1011944**	**731673**	**718337**
% hazardous waste produced out of the total	**13%**	**10%**	**9%**	**8%**	**6%**
% non-hazardous waste produced out of the total	**87%**	**90%**	**91%**	**92%**	**94%**
Total hazardous waste to recovery	36025	40723	42653,5	27935	25080
Total hazardous waste to disposal	72629	70194	51643	29680	14430
TOTAL	**108654**	**110917**	**94296,5**	**57615**	**39510**
% hazardous waste produced to recovery	**33%**	**37%**	**45%**	**48%**	**63%**
% hazardous waste produced to disposal	**67%**	**63%**	**55%**	**52%**	**37%**
Total non-hazardous waste to recovery	750008,5	972211	909160	667598	673636,5
Total non-hazardous waste to disposal	0	12340	8487	6460	5190
TOTAL	**750008,5**	**984551**	**917647**	**674058**	**678826,5**
% non-hazardous waste produced to recovery	**100%**	**99%**	**99%**	**99%**	**99%**
% non-hazardous waste produced to disposal	**0%**	**1%**	**0,9%**	**1,0%**	**0,8%**
Total waste to recovery	786033,5	1012934	951813,5	695533	698716,5
Total waste to disposal	72629	82534	60130,5	36140	19620
TOTAL	**858662,5**	**1095468**	**1011944**	**731673**	**718336,5**
% waste produced to recovery	**92%**	**92%**	**94%**	**95%**	**97%**
% waste produced to disposal	**8%**	**8%**	**6%**	**5%**	**3%**

END-OF-LIFE: PRODUCTS AND PACKAGING

The table below provides more information on the recyclability of the packaging of Printer Trento's products.

Packaging used	Recyclability	Acronym	Code
Wood (pallets and lids)	Wood (pallets and lids)	FOR	50
Plastic pallet straps (Polypropylene)	Plastic pallet straps (Polypropylene)	PET	1
Polyethylene	Polyethylene	LDPE	4
Paperboard boxes	Paperboard boxes	PAP	21
Corrugated cartons, angular and pallet protection	Paperboard	PAP	20
Shrink-wrapping (Film)	Polyethylene Wrap (Film)	LDPE	4

The bubble wrap for advance copies is always made from compostable material (EN 13432). Compostable wrapping available on request.

EN13432

HEALTH, SAFETY AND ETHICS

INDICATORS	2020	2021	2022	2023	2024
N. of injuries	2	0	1	0	0
N. of days of absence from injuries	17	0	4	0	0
Incidence rate (100x n. of injuries/n. of exposed workers)	3,175	0,000	1,429	0,000	0
Frequency rate (1000x n. of injuries/n. of working hours	0,020	0,000	0,010	0,000	0
Gravity index (1000x n. of days of injuries/n. working hours)	0,172	0,000	0,038	0,000	0
N. people involved (safety courses)	17	7	23	11	44
N. safety courses	4	4	16	13	44
N. of hours/man training performed (safety)	72	42	247	54	451

		NC from audit SMETA 2 pillar	OSS from audit SMETA 2 pillar	Reports from workers
2022	**OPEN**	1	3	0
	CLOSED	0	0	0
	IN PRO	1	3	0
2023	**OPEN**	-	-	0
	CLOSED	1	1	0
	IN PROGRESS	0	2	0
2024	**OPEN**	-	-	0
	CLOSED	-	2	0
	IN PROGRESS	-	-	0
2025	**OPEN**	1	1	0
	CLOSED	1	1	0
	IN PROGRESS	0	0	0

The 2025 SMETA Report is available on Sedex platform.
The next audit is scheduled for march 2027.

Printer Trento's Code of Ethics was published in 2024 and is available on the company's website.

For any further information:

VISIT OUR WEBSITE

www.printertrento.it

OR WRITE TO

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