



RESOURCE AND WASTE MANAGEMENT

Insight

TIM Group

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1. Group Environmental Commitment

The TIM Group's environmental strategy is an integral part of its Industrial Plan and is reflected in:

- Long-term objectives that chart the path towards decarbonization of both direct activities and the supply chain;
- Projects aimed, among other things, at the efficient use of energy and water resources, as well as the reduction of waste.

The company's commitment is therefore focused on reducing environmental impact and promoting sustainable practices both within and outside the organization, in accordance with best practices and international standards. The Group's environmental strategy involves not only the internal organization but also all external stakeholders it collaborates with, including employees, suppliers, and business partners.

During the implementation of the Group's environmental policy and related corporate commitments, external stakeholders such as suppliers, business partners, civil society organizations, local authorities, and interested communities are engaged and consulted through the double materiality process. This is done to collect observations, expectations, and contributions that help make the environmental policy shared and aligned with the territorial, social, and regulatory context in which the company operates.

The TIM Group Board of Directors, with the support of the Sustainability Committee, periodically assesses progress against the objectives defined in the sustainability plan, including those related to the environmental policy, thereby contributing to strategic oversight and guiding the necessary actions to ensure effective implementation. In this context, corrective actions are proposed if needed.

To raise awareness among employees and promote responsible environmental behavior (e.g., regarding waste management), the Group implements training programs involving the entire workforce.

Furthermore, the Group holds ISO 14001 certification at the international level for its Environmental Management Systems. This certification requires companies to develop processes aimed at reducing waste, improving recycling, and effectively managing disposal. The certification covers 97% of the Group's activities.



2. Energy Resource Management

TIM has defined a structured program in this area, which includes:

- The purchase of 100% certified energy from renewable sources through Guarantees of Origin (G.O.) to power its infrastructures;
- The implementation of specific actions aimed at reducing energy consumption in production activities, civil and industrial infrastructures, and Data Centers, through measures such as the adoption of Building Energy Management Systems (BEMS), the execution of building and infrastructure interventions based on eco-sustainable design principles, and the gradual electrification of the company fleet;
- The establishment of specific quantitative targets for energy efficiency projects and the monitoring of progress toward achieving them;
- The implementation of training initiatives for employees to raise awareness on energy consumption reduction and the adoption of best practices to achieve these objectives;
- Audits on the quality of energy management to evaluate achieved performance and identify possible improvement actions. Energy management systems are also certified by external bodies in accordance with international standards (e.g., ISO 14001, ISO 50001);
- Continuous investment in research and development of innovative technologies, products and services, processes, and business models aimed at improving energy efficiency, reducing energy consumption, and lowering the Organization's resulting emissions.

3. Waste management

The TIM Group promotes circular economy models to reduce waste generation, specifically through:

- Setting targets to reduce waste generation, including the sell-out of refurbished smartphones and products with green features;
- Implementing action plans aimed at reducing waste destined for disposal and extending the useful life of assets through measures such as supplying refurbished products for customer support and selling reconditioned products;



- Promoting recycling programs for company equipment such as PCs and mobile phones, which are either reused internally or donated for social purposes;
- Selecting suppliers that maximize the recovery of waste sent for disposal and prioritize the reuse of rare resources and valuable materials;
- Organizing training and awareness programs for employees to spread understanding and promote responsible behavior within the Organization;
- Conducting audits on the waste management system to verify its quality and compliance. This process includes a detailed analysis of the flows of different types of waste across various sites, identifying, where necessary, potential improvement actions;
- Regarding information on the quantity of waste destined for disposal,¹ the Group has assumed that 50% is sent to landfill and the remaining 50% to incineration, in line with the "Rapporti Rifiuti Urbani 2023" study by ISPRA. These aspects are managed within the Environmental Management System certified under ISO 14001, subject to periodic audits by third-party bodies, ensuring compliance and the effectiveness of the processes implemented.

4. Water Resource Management

Although the company's production activities do not require intensive water use, the TIM Group monitors indicators related to water consumption and implements a structured water management program that includes:

- Setting water consumption reduction targets, both at the level of individual Business Units and the Group, aimed at improving water performance in line with international best practices;
- Conducting assessments of water use to identify possible actions to improve water efficiency, based on a detailed analysis of water consumption for civil and industrial uses (trigeneration and cooling);

(1) Diversion rate for FY 2024 of approximately 97%. The figure is calculated as:
 $\text{Weight of diverted waste} / (\text{Weight of diverted waste} + \text{Weight of waste sent to landfill}) \times 100$



- Implementing targeted measures to reduce water use within the Organization, through the optimization of production processes, the adoption of remote working practices, and the installation of low-consumption devices;
- Implementing measures to improve wastewater management, through the adoption of advanced treatment technologies and continuous monitoring of quality parameters, in compliance with environmental regulations;
- Installing systems for the recovery and reuse of rainwater and treated wastewater, to reduce withdrawals from natural sources and promote sustainable use of water resources;
- Organizing training programs for employees to raise awareness of the importance of water conservation and to promote responsible behavior.

5. Energy Resources: Quantitative Results for Data Centers

	FY 2024
Total energy used in Data Centers (MWh)	304,105
Percentage of renewable energy (out of total energy)*	100%

*The target for the share of renewable energy (out of total energy) for FY 2024 was 100%.

	FY 2024
Average PUE*	1.52
Coverage (Percentage of total ICT population**)	59%

* Average PUE of Core Data Centers

** The ICT population includes the Data Centers managed by Noovle S.p.A., a TIM Group entity specialized in data center infrastructures. The company, established in 2021, was assigned the management of the pre-existing data centers.

6. Energy Resources: Quantitative Results for TIM Group

	Unit	FY 2024
Total non-renewable energy consumption*	MWh	357,867.87
Total renewable energy consumption		1,856,138.55
Data coverage	Percentage of total revenues, employees, etc.	100

* The target for total non-renewable energy consumption for FY 2024 was 400,000 MWh.



On July 1, 2024, TIM S.p.A. completed the spin-off of the NetCo business unit into FiberCop S.p.A., which was already operating in the management of the secondary fiber and copper network. At the same time, Optics BidCo S.p.A. acquired TIM S.p.A.'s entire stake in FiberCop. A transaction agreement governed the contractual terms between the new entity "NetCo" (FiberCop S.p.A.) and TIM S.p.A.

As a result of this operation, the Sustainability Report considers TIM Group's activities excluding NetCo, as if the separation had occurred on January 1. Due to this spin-off, FY 2024 is not comparable with the data relating to the previous three-year period.

7. Waste: Quantitative Results

	Unit	FY 2024
Total waste recycled/reused	Tons	5,240.50
Total waste disposed*		154.72
Landfilled waste		138.41
Incinerated waste with energy recovery		0
Incinerated waste without energy recovery		16.31
Otherwise disposed waste: On-site and off-site		0
Waste with unknown disposal method		0
Data coverage	Percentage of total revenues, employees, etc.	100

* The target for total waste disposed for FY 2024 was 200 tonnes.

8. Water Resources: Quantitative Results

	Unit	FY 2024
Water withdrawal (excluding seawater)	Million cubic meters	0.118
Water discharge (excluding seawater)		0.004
Total net freshwater consumption*		0.008
Data coverage	Percentage of total revenues, employees, etc.	100

* The target for total net freshwater consumption for FY 2024 was 1.2 million cubic meters.