

Sustainability in TIM and in standards



Outline

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In a scenario where being energy efficient and making business sustainable is - more and more – fundamental for any company, TIM is putting a big effort on accomplishing new and more challenging targets in this area.

What is the contribution that standards can bring in this area and how can they become a driver for sustainability in the industry?



ESG areas of intervention of our Industrial Plan

In defining the ESG targets of our Plan, we have considered four main areas of intervention that also guide our projects: environmental protection, digital growth of Italy, enhancement of employees skills, and governance strengthening.

As for **environmental protection** we aim for efficient infrastructure with increasing use of renewable energy, circular models for recycling and recovery of waste, ESG suppliers and a green commercial offer.

For the **digital growth of Italy** we bring ultra-fast connectivity throughout the territory and offer innovative digital services for individuals, businesses and Public Administrations.

As for the enhancement of **TIM people** we develop their skills, foster talent growth and reduce the gender gap.

To **strengthen Governance** we consolidate organizational levers and tools to minimize risks and company costs, integrating ESG into processes and business systems.

In the 2022-2024 Plan, we have set **12 specific and measurable targets, 5** for the **Group** and **7** for the **Italy** perimeter, which give substance to our commitments.

In the 2023-2025 Plan, we made some changes to consider the 2022 performance, and we aligned the main targets to 2025 to ensure a more homogeneous reading, net of long-term objectives.



ESG targets in TIM's Industrial Plan and 2022 results

		Target 22-24	Closing 2022	Target 23-25
GROUP	E Net Zero (Scope 1+2+3) ⁽¹⁾	2040	-13%	2040
	E Carbon Neutrality (Scope 1+2) ⁽¹⁾	2030	-43%	2030
	E Scope 3 Reduction ⁽¹⁾	-47% 2030	-8%	-47% 2030
	E Renewable energy on total energy	100% 2025	61%	100%
	S Women in leadership position ⁽²⁾	29% 2024	28%	≥29%
ITALY	E Green Products & Smartphones	≥50%	60%	≥70%
	E Circular Economy Ratio ⁽³⁾	+11% from 0,04€/kg	0,3€/kg	2€/kg
	S Cloud, IoT & Security service revenues ⁽⁴⁾	+20% CAGR 22-24	+21% vs 21	+21% CAGR 23-25
	S Digital Identity Services ⁽⁵⁾	+15% CAGR 22-24	+31% vs 21	+30% CAGR 23-25
	S People trained on ESG skills	90%	69% ⁽⁶⁾	≥90%
	S Young Employees Engagement	≥78%	77%	≥78%
	S FTTH Coverage (% of technical units)	~60% 2026	32%	48%
				2025

(1) Baseline 2019 (2) Media ponderata del target 23-25 Italia ≥27% composta da "Italian women manager" e dal target Brasile ≥35% composta da "Brazilian women manager" (3) Ricavi medi derivanti dalla rivendita di rifiuti, materiali e beni non più usati per kg di rifiuti prodotti (4) Nel target 22-24 sono esclusi i ricavi dei servizi cloud (5) PEC, SPID, Firma Digitale (servizi attivi) (6) Popolazione coinvolta nel percorso "Scenari di Sostenibilità"

Scope 1: emissioni derivanti dall'attività produttiva (trigenerazione, autotrazione, dispersione di gas ozonolesivi, riscaldamento e gruppi elettrogeni)

Scope 2: emissioni da acquisto di energia elettrica

Scope 3: emissioni da attività a monte e a valle della filiera produttiva (cat.1-acquisto di beni; cat.2-beni strumentali; cat.11-uso dei beni venduti)

— New

INDIVIDUAL COMPANIES
EFFORT CAN DO A LOT,
BUT MORE CAN BE DONE
COLLECTIVELY



What standards can do for sustainability

The EC has set the **Digital Green Transition** as one of the targets of European standardization

ETSI already has significant activities addressing Energy Efficiency, with dedicated effort in TC EE as well as in TC ATTAM and ISG OEU, and of course in 3GPP

What could be done to increase the attention, the effort and the impact?

Discussion started in the Board to understand if and how more could be done.

A simple step: **extend** the interest towards energy efficiency and sustainability **to all technical groups** (TCs, ISGs...) of ETSI.

Include in each deliverable a session where information on EE and sustainability aspects can be provided

It needs careful tuning

- Not every document deals with aspects of relevance,
- The way the technology is implemented in products must be considered
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... but it can be a good way to stimulate better action on these aspects and be a preliminary step before the work done by specialized groups

Telecommunications and Sustainability: a framework

#01

How increase sustainability
of the telecom infrastructure

Standards: enable a

Measure >> **Plan** >> **Act** process



Telecommunications and Sustainability: a framework

#02

How the telecommunication industry increments the business and society sustainability

A **20**
people
video-
conference

VS

20
Car moving
to the office

VS

20
Plane flights
To the conference
meeting



THANK YOU

The bottom of the slide features several overlapping, curved bands of different shades of blue, ranging from a light sky blue to a deep navy blue, creating a sense of motion and depth.