



# BIODIVERSITY

*Insight*

***TIM Group***

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# INDEX

<b>1. Biodiversity Protection and Environmental Management.....</b>	<b>3</b>
<b>2. Actions to Reduce Deforestation and Preserve the Environment .....</b>	<b>4</b>
<b>3. Emissions Offset Initiatives and Protection of the Amazon Rainforest .....</b>	<b>4</b>
<b>4. Urban forestry and land stewardship in Italy .....</b>	<b>5</b>
<b>5. The protection of biodiversity in Brazil.....</b>	<b>7</b>



## **1. Biodiversity Protection and Environmental Management**

As the TIM Group, we are committed to protecting the environment and to minimizing or, where possible, eliminating negative impacts on biodiversity, including those related to deforestation, that may result directly or indirectly from our activities. We are also dedicated to safeguarding terrestrial ecosystems by preventing the degradation of natural resources and operating in harmony with the environmental characteristics of the areas where we are present. We extend this commitment across our entire value chain, from operations to relationships with suppliers and partners, by promoting the efficient use of resources and paying particular attention to areas with high biodiversity richness. These principles are the foundation of our Environmental Policy and the Environmental Management Systems adopted by the various functions and companies within the Group.

In our Environmental Policy, we declare our alignment with the United Nations Sustainable Development Goals, particularly Goal 15, which promotes the protection of biodiversity and the ambition of zero deforestation. This alignment is reflected in:

- the integration of environmental sustainability and biodiversity protection considerations in the design and development of new infrastructure and services;
- the assessment of environmental risks throughout the value chain, including those specifically related to biodiversity, and the adoption of mitigation measures, also through national and international partnerships, to reduce the environmental impact associated with our products, procured services, and processes.

We actively engage our suppliers and partners in the journey to protect biodiversity and improve environmental performance through awareness and engagement initiatives such as stakeholder engagement within the double materiality assessment process, supplier qualification via the Open-es platform, and capacity-building programs.



We also adopt **Environmental Management Systems** aligned with international standards, ensuring effective management of environmental issues by promoting waste and emissions reduction, energy consumption optimization, and the responsible use of natural resources.

The commitments undertaken for the protection of biodiversity and the fight against deforestation are defined by our Executive Management in collaboration with the Sustainability function and shared with the Sustainability Committee at Board level, which oversees the Group's environmental sustainability strategy and the implementation of ESG initiatives.

## **2. Actions to Reduce Deforestation and Preserve the Environment**

In line with the United Nations Sustainable Development Goal 15, we focus on the need to halt biodiversity loss and combat deforestation through concrete actions, such as the procurement of goods and products that meet ESG standards, for example, FSC (Forest Stewardship Council) certified paper.

To offset the environmental impact of certain business activities, we support certified international projects and, at the same time, promote urban forestry and sustainable land management initiatives in Italy, with the aim of caring for the environment in an active and responsible way.

## **3. Emissions Offset Initiatives and Protection of the Amazon Rainforest**

Since 2021, we have been measuring the emissions generated by the main websites of the Group's Domestic Business Unit and offsetting them by purchasing certified carbon credits to support the international environmental protection project "The Envira Amazonia Project" REDD+ (Reduction of Emissions from Deforestation and Degradation), a forest



conservation initiative in Brazil certified under the Verra standard (VCS), one of the leading international quality standards for carbon credits.

Since 2021, at the Domestic BU level, **we have purchased over 2,100 certified carbon credits**. Specifically, in 2024, visits to the 21 main commercial and institutional websites of the Domestic BU generated over 551,700 kg of CO<sub>2</sub>eq. To offset these emissions, we purchased 552 carbon credits. The quantification of emissions to be offset was carried out using the CO<sub>2</sub>web® methodology, developed by Rete Clima, a non-profit organization specialized in promoting sustainability within organizations, and verified by the certification body ICMQ.

The "Envira Amazonia Project" REDD+ is considered a "**Nature-based Solution**" project, as it aims to conserve natural ecosystems to mitigate climate change, while simultaneously generating environmental, social, and economic benefits for local communities. The initiative counters deforestation and protects a vital ecosystem rich in endemic bird and tree species, also contributing to improving water quality in the region. Over 30 years, it is expected to avoid the emission of about 1.2 million tons of CO<sub>2</sub> annually.

Beyond environmental impacts, **the project has a strong social component**: it supports local communities by providing alternative income sources, job opportunities, and targeted training programs. These programs aim to spread knowledge and innovative techniques to increase agricultural productivity, thereby promoting sustainable and lasting development of the territory.

## **4. Urban forestry and land stewardship in Italy**

We contribute to urban and peri-urban forestry to protect nature and improve the quality of life for people in the area, in collaboration with Rete Clima, a non-profit organization specialized in promoting sustainability and decarbonization of organizations. The planting activities are part of the **national campaign "Foresta Italia®"** promoted by Rete Clima and carried out together with Coldiretti and PEFC Italia, with the moral patronage of the Ministry of Environment and Energy Security and the Ministry of Agricultural, Food and Forestry



Policies. In three years, **we have planted over one thousand trees** in Italy with the participation of colleagues and their families through the following initiatives:

- **Milano - Parco Nord.** In 2022, we carried out an urban reforestation project at Parco Nord in Milan, planting 150 trees. Over their lifetime, approximately 30 years, they will absorb around 50 tons of CO<sub>2</sub>, equivalent to the emissions produced by 500 refrigerators running for one year.
- **Umbria –Città della Pieve-Piegara.** In 2022, we supported the "Piante Elite" project with the goal of protecting rare tree species by helping them grow better through specific forest care and management techniques. The project included GPS mapping of rare trees over an area of 160 hectares, the creation of a biodiversity trail with rest areas and informational panels featuring QR codes, and awareness activities to engage the local community.
- **Roma - Parco Aguzzano.** In 2023, we acted in the Aguzzano Urban Regional Park, a green area within the urban context of Rome. We planted 540 trees, which over the next 30 years will absorb more than 202 tons of CO<sub>2</sub>, equivalent to over 1 million kilometers driven by car, nearly 29 times around the world. This initiative has strengthened the climate resilience of the area and enriched biodiversity through the introduction of species such as oak, cherry, hornbeam, elm, and poplar.
- **Torino - Parco Stura Sud.** In 2024, we carried out a new reforestation project in the Stura Sud Park in Turin. We planted 400 trees and shrubs using the “Tiny Forest” technique, which allows for rapid growth and a high capacity for environmental regeneration. This compact but highly effective microforest will absorb approximately 160,000 kg of CO<sub>2</sub> over its lifetime, with an impact equivalent to eliminating more than 1.7 million plastic bottles. A small green space, but with great value for the urban environment.

All projects have been carried out following a specific protocol that uses local species and includes the care and maintenance of forest plantations over time. These initiatives involve significant challenges: they require constant care of the planted areas and careful monitoring over time to verify their actual benefits. But it is precisely this continuity over time that gives



value to these interventions. Planting trees in cities, promoting sustainable forest management, or participating in international projects such as the one in Brazil are not only actions to offset emissions: they are concrete gestures that strengthen the bond between TIM, the territories, and the communities.

## 5. The protection of biodiversity in Brazil

In Brazil, less than 1% of our total Base Transceiver Stations are in Environmental Protection Areas or Permanent Protection Areas.

As TIM S.A. we ensure transparency regarding greenhouse gas (GHG) offsetting activities carried out outside our value chain through the purchase of certified carbon credits. **In 2024, 16,619 carbon credits were purchased** to offset direct greenhouse gas emissions in support of:

- **“Resex Jacunda Project”**, REDD+ (Reducing Emissions from Deforestation and Forest Degradation), in Rondônia which aims to preserve forests by preventing emissions from deforestation and environmental degradation;
- **“The Kitambar Project”**, RE (Renewable Energy) for the development of renewable energy in Pernambuco, which uses renewable biomass fuels such as cashew prunings, coconut husks, and wood waste to produce bricks and roof tiles.

The choice to invest in certified projects was driven by the need to also provide support to local communities and promote positive socio-environmental aspects.