



# ESG highlights

## Klabin in numbers

**24 plants**, 23 in Brazil and one in Argentina.

**17,000** employees.

**3 million** tons of annual paper production capacity, with the start-up of PM28 in 2023.

**1.6 million** tons of market pulp production capacity per year.

**751,000 hectares** of total area,

**42%** of which are preserved native forest.

**941** species of fauna and **2,013** species of flora were identified.

**92.6%** renewable energy in the fuel energy matrix.

**72%** of the total electricity consumed is self-generated by the Company



## Financial and operational highlights in 2023

**R\$ 1.4 billion** in distributed earnings, a dividend yield of 5.8%, demonstrating the ability to generate value for shareholders.

**A 5% reduction** in general and administrative overhead compared to 2022, reflecting cost-cutting initiatives and efficiency gains.

**BRL 3,133** total unit cash per ton, the same level as in 2022, reflecting Klabin's efforts to seek efficiency throughout the year.

## Recognition

In 2023, the second phase of the Puma II Project began in Ortigueira (PR), with the start-up of the paperboard machine PM28, which, along with PM27, marks the successful implementation of the Puma II Project, Klabin's largest investment in history.

**Dow Jones**  
4th year in a row in the Global portfolio and for the 3rd year in the Emerging Markets portfolio of the Dow Jones Sustainability Index.

**Triple A List**  
The only company in Latin America to achieve the **maximum score** in three of the evaluated indicators by CDP: Climate Change, Water and Forests..

**ISE B3**  
For the **11th year** in a row, the Company secured a position in the portfolio of the Corporate Sustainability Index (ISE) of the Brazilian Stock Exchange (B3).

**Top 5%**  
Included in the **top 5%** of the world's best-rated companies in ESG practices according to S&P Global.

**EcoVadis**  
For the **second year running**, Klabin is in the **top 1% of suppliers highly rated** in management and sustainability systems, having won the "Platinum" category award from EcoVadis.



# Climate Change and Emissions Management

With the launch of the **Climate Transition Plan** in 2023, Klabin makes public its climate mitigation and adaptation strategy. The document summarizes the Company's management of the topic and its initiatives to achieve decarbonization goals. Learn about the Plan here.

One of the action fronts is the use of low-carbon technologies, such as the biomass gasification plant installed at the Puma Unit in Ortigueira (PR). The technology, which enables the replacement of fossil consumption usage with syngas (gas generated from wood biomass), resulted in approximately **56,000 tons of CO<sub>2</sub>eq** avoided during operation in 2023.

In 2023, Klabin completed the mapping and calculation of GHG emissions from all relevant scope 3 categories for its business.

The work was fundamental in submitting a new target to the SBTi, within the NetZero journey, which implies reducing at least 90% emissions from scopes 1, 2, and 3 by 2050.

The Company also submitted an update to the short-term target, aiming for a % 42% of absolute emissions from scopes 1, 2, and 3 by 2030, with a base year of 2022.

## Water use

The forest management methodology focusing on territorial water security, pioneered by Klabin in the industry, aims to contribute to the protection of micro-watersheds and the water security of the communities surrounding the forestry units.

With water resource management being a constant challenge for forestry and industrial operations, especially in regions facing water stress, Klabin has been studying methodologies to quantify the positive impacts of water resource management on the preservation of native forests and water quality in micro-watersheds.

In 2023: **97,3%** of forest harvesting operations under water security management.

**74%** of locations with initiatives to increase water security.

## Waste management

With the goal of eliminating the disposal of industrial waste in landfills by 2030, Klabin has been working to enhance circularity in its processes, based on smart consumption of natural resources and the use of technology, aiming to create value for the entire production chain.

In 2023, Klabin structured a circularity procedure, aiding decision-making regarding circular economy projects that represent opportunities for both the Company and the entire value chain.

A **99,3%** industrial waste reuse rate was achieved in 2023.

Specific Klabin **research line** seeks solutions to transform other waste into inputs.

## Biodiversity

In 2023, Klabin began drafting its Biodiversity Conservation Plan to ensure that the impacts of its activities on biodiversity are offset or surpassed by prevention and mitigation measures.

The initiatives should be aimed at restoring affected areas, improving the quality of native vegetation, and compensating for residual impacts to prevent permanent losses.

In this way, the Company expects to increase the generation of net positive impact on biodiversity by 2050.

## Commitment to local development

For the second consecutive year, Klabin exceeded the target indicator of the survey (80%), reaching **81.4%** acceptance in the communities where it operates. The indicator encompasses the average results of operations in Paraná, Santa Catarina, Angatuba (SP), Rio Negro (PR), Paranaguá (PR), and Goiana (PE).

The Matas Sociais – Planejando Propriedades Sustentáveis Program conducted its first evaluation survey with rural producers benefiting from the family farming initiative developed by Klabin since 2015, in partnership with the Association for the Preservation of Environment and Life (Apremavi) and Sebrae.

**850** rural properties have been served since the program's inception eight years ago, with the donation of more than 377,000 native seedlings.

**92,9%** of the respondents gave positive ratings to the program.

## People management

Two of the main indicators related to the topic showed improvement in 2023: 24.3% of women in leadership compared to 23.4% in 2022, and 39.2% of black individuals in the workforce; in 2022, it was 35.4%. According to the latest IBGE census, black individuals represent 56.1% of the Brazilian population.



The Klabin Business School (ENK Portal) is an important tool for the continuous training of professionals, prioritizing the individual development needs of the employees.

More than **13,000 employees** accessed the Klabin Business School in 2023.

More than **200** new courses were made available in the platform.

## Governance

The strategic planning for 2023 was developed with extensive and effective participation from the Executive Board and the Board of Directors. In order for the final project to have a systemic perspective of the Company's context and needs, individual interviews were conducted with directors and board members, among other initiatives. This methodology strengthened management and allowed for the definition of guidelines aligned with Klabin's current situation and what is expected from the Company in the near future.

Klabin's Integrity Program continues to evolve through projects and instruments that seek to strengthen good practices and consolidate a culture of integrity. The aim is to engage employees and constantly evolve the guidelines on the subject.

The evolution of the integrity culture is reflected in the Company's achievement of the maximum score in the Business Ethics category of the Dow Jones Sustainability Index. Klabin's commitment to the topic has led to a gradual improvement in its score over the years, positioning it as a benchmark in the market.