



suzano
biopulp

THE
POWER OF
EUCALYPTUS
PULP



SUZANO

we plant the future



A 101-YEAR- OLD STARTUP

We learn from trees that life is continuously renewing itself and that, with them, it is possible to create a more sustainable and innovative future. As the largest market pulp manufacturer in the world, we are part of the bioeconomy. This drives us to develop sustainable, innovative and renewable products made from eucalyptus, which is planted and harvested for this purpose.

A Brazilian multinational company with more than 100 years of history. Listed on the New York Stock Exchange (NYSE) and the Brazil Stock Exchange (B3).

HIGHLIGHTS

Through our customers, our products are part of the lives of more than

2 BILLION

PEOPLE AROUND THE WORLD



Products supplied to over

100

 countries

R\$

50.1

 billion in net revenue in 2025

More than

56k

 company employees and contractors

1.2

 million eucalyptus seedlings planted every day

13.4

 million tonnes of installed market pulp capacity per year

2.0

 million tonnes of installed paper and other products capacity per year

1.7

MILLION

hectares (3.9 mi acres) dedicated to production

1.1

MILLION

hectares (2.5 mi acres) set aside for conservation



PRODUCT,
RELIABILITY,
INNOVATION AND
SUSTAINABILITY

Suzano Biopulp has embodied Suzano's legacy and pioneering spirit since 1961, when we became the first company in the world to produce pulp and paper with 100% eucalyptus fiber on an industrial scale.

We offer sustainable and certified pulp produced from planted eucalyptus trees cultivated and harvested in Brazil.



FORESTRY EXPERTISE

- **Development and breeding** of eucalyptus clones in our nurseries
- Pioneering in **eucalyptus commercial farming**
- **The world's largest diversity base of Eucalyptus** for pulp
- **Tetrys technology:** Use of big data to match each seedling with the best soil and environment option
- Production model based on responsible and sustainable practices that contribute to **water conservation**



PRODUCT RESEARCH, DEVELOPMENT AND INNOVATION

- **Customer-centric approach:** focus on regular and new product improvements and application studies to meet customer needs and address their challenges
- **Process efficiency:** Always innovating industrial processes
- **6 technology centers:** 4 in Brazil, 1 in China and 1 in Israel



PARTNERSHIP-ORIENTED AND CUSTOMER CENTRIC APPROACH TO SERVICE

- Committed to **delivering the highest level** of service and quality
- **Creating lasting partnerships** and leading in innovation to meet the needs of our customers. [Suzano Biopulp solutions address global challenges](#), as we remain ready to develop and **adapt together with our customers**



UNMATCHED LOGISTICS SETUP







INDUSTRIAL PRODUCTION

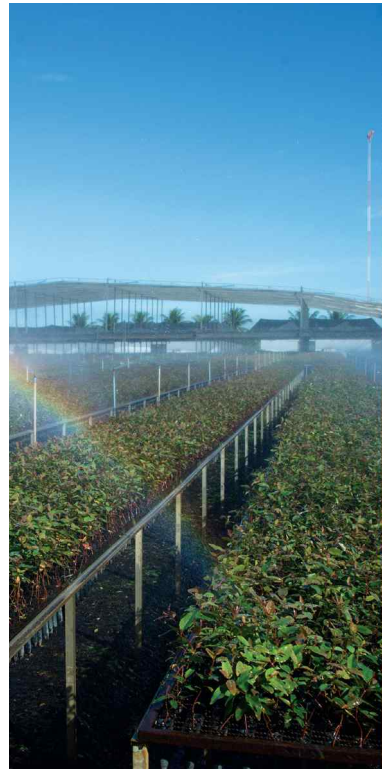
- **9 pulp mills**
- **13.4 million tonnes/year**
- **88% of energy** from renewable sources
- On average, **75% to 80%** of the water used by our sites is recycled or reused
- In 2023, our mills produced a surplus of **171 MW** of renewable energy, which was exported to the Brazilian grid

- **10 dedicated vessels**, part of a robust market fleet of **150 specialized ships**, running in a flexible model, from partial to fully dedicated, to adapt to [customer demands](#).
- **Over 2,600 km of railways** connecting our mills to three port terminals in Brazil.
- **Supplier development:** Strengthening our chain through strategic partnerships, such as our recent collaboration to [develop the world's largest specialized ship](#) for transporting pulp.
- **Constant innovation:** Implementing more eco-efficient processes and equipment along the chain.

LEADING THE INDUSTRY WITH AN INNOVATIVE FORESTRY BUSINESS MODEL

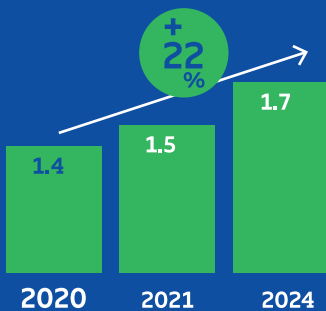
Focus on sustainable eucalyptus farming: conservation, improved performance and efficiency.

	<p>Geographically diversified areas throughout Brazil</p>
	<p>1.2 million eucalyptus seedlings planted every day</p>
	<p>Average forest-to-mill radius of 187 km</p>
	<p>Unmatched eucalyptus genetic base and unique harvesting</p>

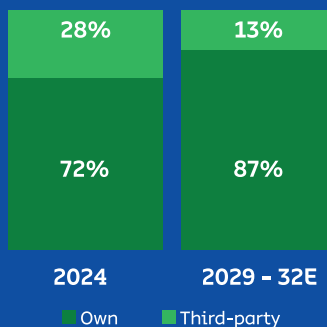


Suzano Euca Farm Base

(Million ha)



Lower exposure to third-party wood



Continuous development of our clones and silviculture processes, leading to a **13%** growth in productivity

MOSAIC PLANTING

Once the seedlings are ready, they are planted following a mosaic planting technique, in which eucalyptus farms are interspersed with fragments of native vegetation. At Suzano, we focus on planting eucalyptus in previously degraded areas, contributing positively to the environment, biodiversity, and soil recovery.

This strategy promotes environmental health, as eucalyptus leaves and branches that fall to the ground turn into organic matter, which serves as a source of food for microorganisms, worms, insects, fungi, bacteria, and other organisms. This helps maintain the soil's nutrient cycle, establish native vegetation, and protect against erosion and water evaporation.



BIODIVERSITY CORRIDORS

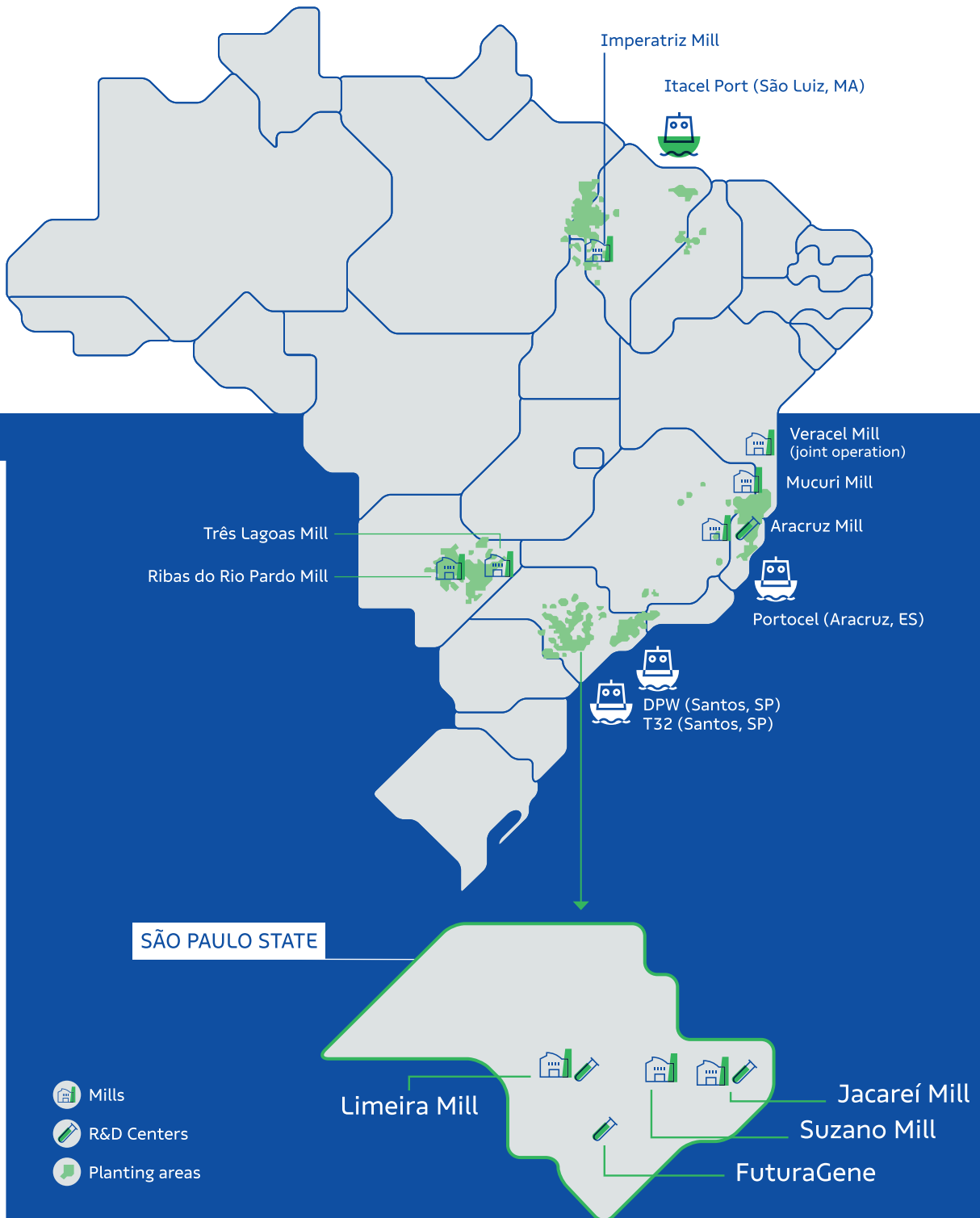
Also known as **ecological corridors**, these are areas of vegetation that connect patches of native forests that have been separated by human activity. These corridors allow animals to move between different conservation areas and expand their living space. They facilitate seed dispersal, pollination and genetic exchange between species, ultimately contributing to biodiversity conservation.

In 2024, we connected 102,104 hectares (252,304 acres) of fragments through the implementation of 958.99 hectares (2369 acres) of biodiverse management models and 378.12 hectares (934 acres) of ecological restoration areas.



Read more at:

A LOOK INTO OUR OPERATIONS IN BRAZIL



SUZANO BIOPULP MILLS



SUZANO 0.17 million tons/yr



LIMEIRA 0.40 million tons/yr



VERACEL* 0.56 million tons/yr



JACAREÍ 1.1 million tons/yr



MUCURI 1.48 million tons/yr



IMPERATRIZ 1.59 million tons/yr



ARACRUZ 2.34 million tons/yr

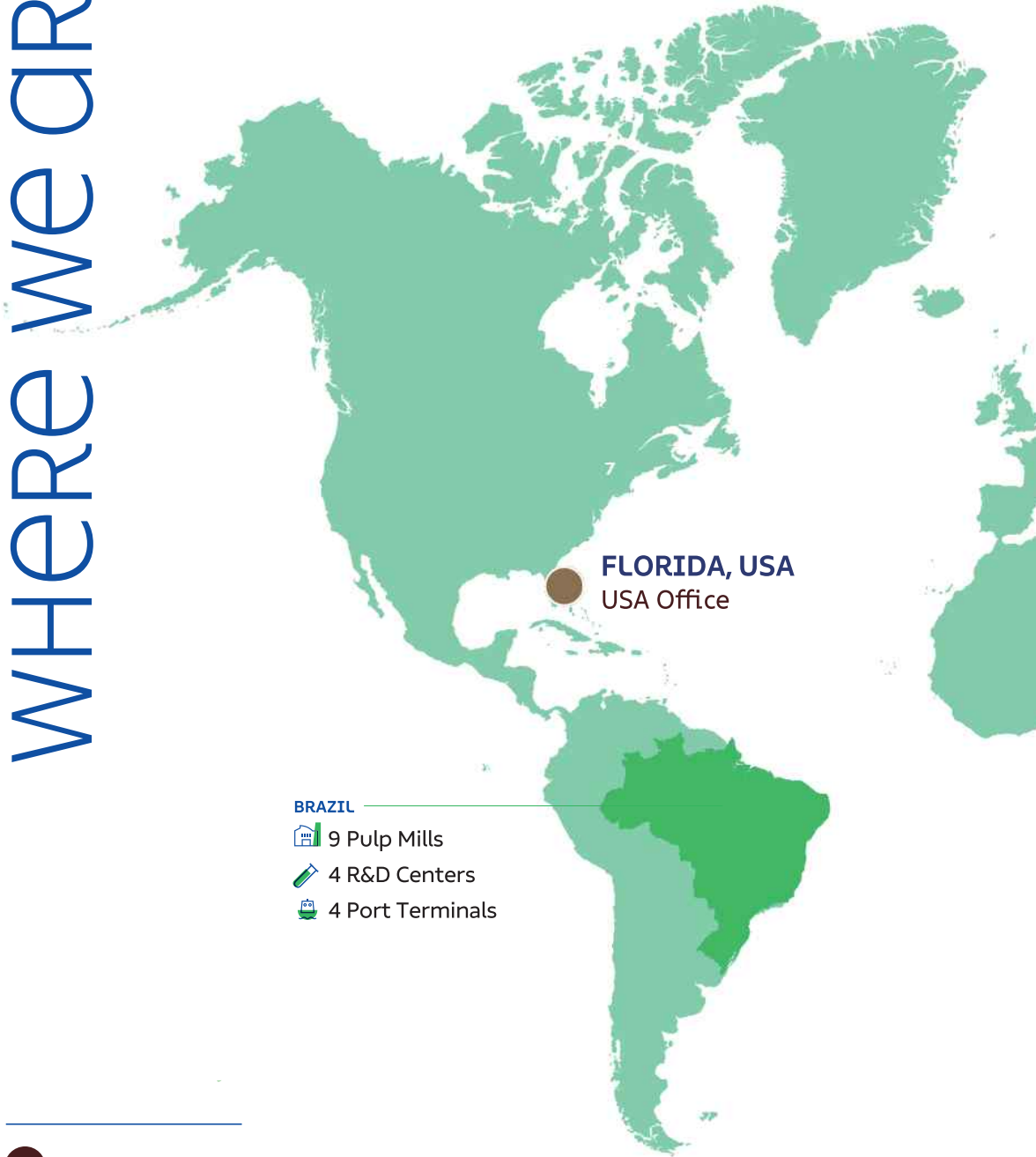


TRÊS LAGOAS 3.25 million tons/yr



RIBIS DO RIO PARDO
2.55 million tons/yr

WHERE WE ARE



FLORIDA, USA
USA Office

BRAZIL
9 Pulp Mills
4 R&D Centers
4 Port Terminals

- Offices
- R&D centres
- Mills/Ops



VIENNA, AUSTRIA
Europe Office

ISRAEL

SHANGAI, CHINA
China office
Innovability Hub

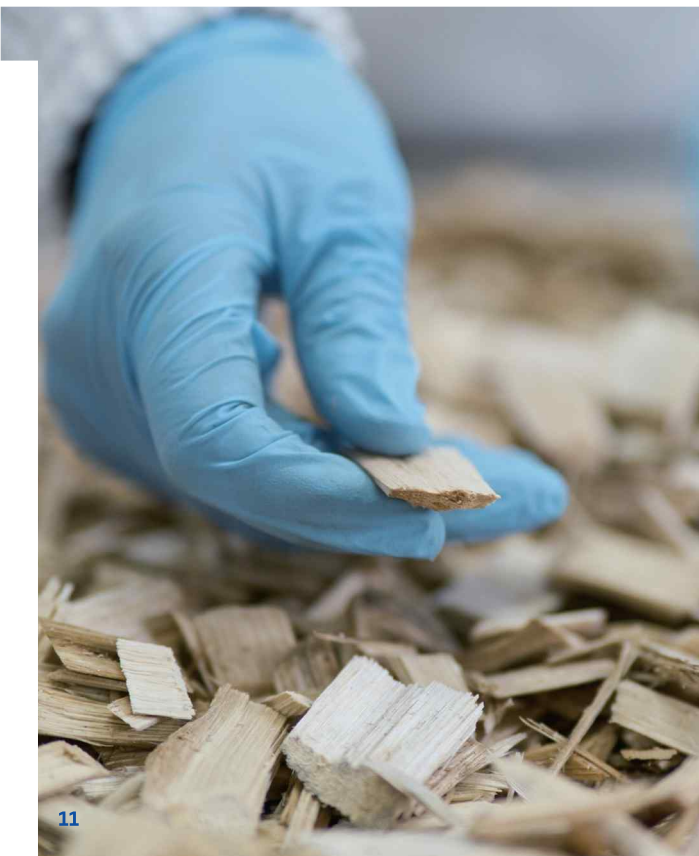
SINGAPORE
APAC Office

RIBAS DO RIO PARDO MILL

**A great leap toward the biofuture.
We are expanding our pulp offering to support the needs
of our customers.**



In 2024, we launched the boldest and most ambitious project in our history: our Ribas do Rio Pardo site, the world's largest single-line pulp mill.



CHECK OUT SOME HIGHLIGHTS

2.55 million

tonnes of market pulp production per year, increasing our installed capacity by approximately 20%, to

13.5 million

tonnes per year

A **state-of-art** technology

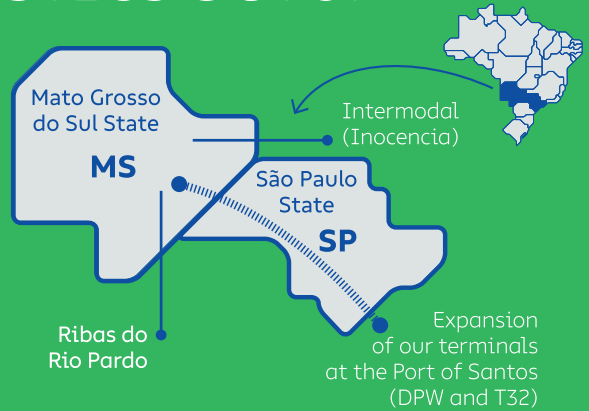
Highly automated forestry operations

One of the **most modern and sustainable** plants in the world

Its **circularity** will eliminate the need to send industrial waste to landfills.

RIBAS LOGISTICS SETUP

- New intermodal terminal connected to the Port of Santos by 1,000 km of railways
- Expansion of the T32 and DPW terminals
- New, more efficient and sustainable vessels



SUSTAINABILITY



1 EFFICIENT USE OF WATER

85% of the volume of water withdrawn in Rio Pardo to be used in our production process is treated and returned to the environment. The remaining 15% is incorporated into our products or evaporates during the manufacturing process.



3 BIODIVERSITY CONSERVATION

The site will generate energy from a renewable source: biomass from eucalyptus bark. In addition to generating and consuming its own energy, the plant will produce a surplus of 180 MWm, which will be sold to the Brazilian grid, helping increase the availability of renewable energy in the national energy system.



2 SURPLUS ENERGY GENERATION

More than R\$85 million invested in the Conservation Units of Mato Grosso do Sul.



4 BASIC ENVIRONMENTAL PROGRAM

Approximately R\$61 million invested in the areas of health, education, housing, infrastructure, public safety and traffic safety in Ribas do Rio Pardo.

SUZANO BIOPULP, THE POWER OF EUCALYPTUS

Our historical technical evolution in Brazil, combined with the ongoing advancements from our R&D teams, results in eucalyptus fiber of exceptional quality.

The fiber length distribution of Suzano Biopulp shows a much narrower and more uniform range—meaning most fibers have similar lengths. This uniformity translates into more stable refining, consistent quality, and greater control over the final product.

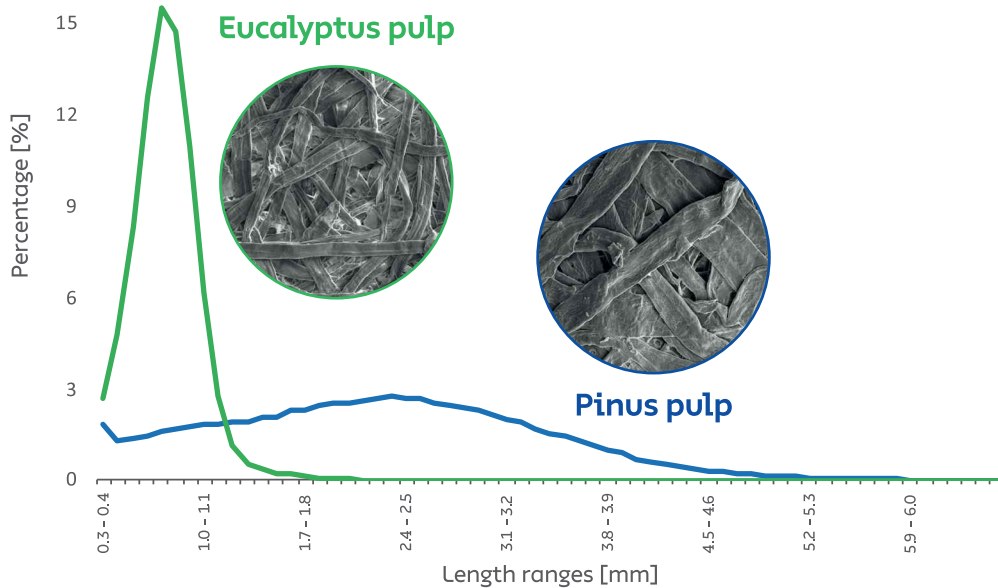


FIGURE 1. **Fiber length distribution of Eucalyptus and Pinus pulps**

Measured with Valmet Fiber Image Analyzer (FS5) – 2024

ADVANTAGES

- 1** The shorter and thinner fibers of eucalyptus improve **paper formation, bulk, opacity and smoothness**, which is beneficial for the production of paper, multilayer cardboard and construction materials.
- 2** **Optimal ratio between optical and mechanical properties**, enabling the addition of fillers or the reduction of basis weight, leading to costs reduction.
- 3** Its **higher fiber population** and flexibility makes eucalyptus pulp ideal to increase the softness of tissue paper.
- 4** Eucalyptus pulp requires minimum energy and **develops tensile strength** to higher levels when properly refined under low intensity.
- 5** The superior mechanical properties of Suzano Biopulp, specially the Eucastrong grades, enable papermakers to **optimize strength**, reducing softwood in the furnish.

Typical values

pH, ISO 6588	6 -7,5
Ash, ISO 1762	0.46%
Extractives, ISO 14453	0.05%
Fiber length, ISO 16065-2	0.76 mm
Fiber width	14.9 µm
Coarseness	6.3 mg/100m

ADAPTABILITY AND INNOVATION

In addition to offering our standard market pulp, we are constantly working alongside our customers to develop tailored solutions that best meet their unique needs and the needs of their consumers, whose consumption habits are increasingly influenced by sustainability factors.



eucapprime

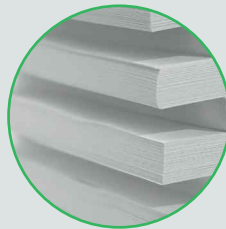
versatility

All the adaptability that Suzano Biopulp has to offer

The result of years of accumulated knowledge and expertise, Eucapprime is recognized by its **quality** and **versatility**.

Our Suzano Biopulp specialists enhanced the efficiency of eucalyptus pulp. In addition to its excellent mechanical properties, Eucapprime incorporates several additional properties, such as porosity, opacity and bulk, enabling it to be used in a wide range of applications.

Recommended applications: All applications and is safe for food contact.



	eucapprime	eucasmart	eucastrong	eucaflash	eucabright	eucanatural	eucaspecial
Brightness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Cleanliness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Refinability	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○

Look for our FSC® certified products





eucabright

brightness

Precision
brightness for
high-performance
printability

Higher **brightness** and **optical performance** for the most demanding applications.

Eucabright is a fully bleached eucalyptus pulp engineered to deliver high and consistent brightness. Designed for high-definition and specialty printing, it ensures precise control of optical parameters.

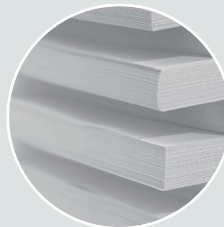
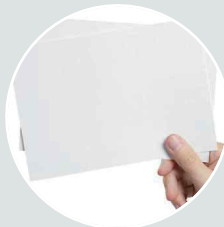
Its short-fiber structure ensures excellent sheet formation and printability, with low dirt content and reliable performance for premium-grade papers.

Benefits compared to other pulp:

- High and stable brightness
- Superior performance in high-resolution and coated paper applications

Recommended applications:

Photographic papers, high-definition printing, specialty coated papers and premium graphics



	eucaprime	eucasmart	eucastrong	eucaflash	eucabright	eucanatural	eucaspecial
Brightness	●●●●○	●●●●○	●●●●○	●●●●○	●●●●●	●●●●○	●●●●○
Cleanliness	●●●●○	●●●●○	●●●●○	●●●●○	●●●●●	●●●●○	●●●●○
Refinability	●●●●○	●●●●○	●●●●○	●●●●○	●●●●●	●●●●○	●●●●○

Look for our FSC® certified products



eucaspecial

cleanliness

Remarkable
cleanliness to
your specialty
papers

Remarkable **cleanliness** and to your specialty papers

When cleanliness alone is insufficient and your application demands an exceptional level of purity, turn to Eucaspecial.

This fully bleached pulp is meticulously processed to ensure the absence of dirt. With a guaranteed dirt level below 0.3 mm²/kg and the complete absence of shives, it is ideal for sensitive applications such as décor and laminated papers.

Benefits compared to other pulps:

- Extra cleanliness for the most sensitive application;
- Safe for food contact applications.

Recommended applications: Décor, superior coating and lamination process, as well as other applications with exigent cleanliness level.



	eucaprime	eucasmart	eucastrong	eucaflash	eucabright	eucanatural	eucaspecial
Brightness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Cleanliness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Refinability	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○

Look for our FSC®
certified products



eucanatural

natural

Different shades of natural color as a sustainable identity for your products

Eucanatural is produced without bleaching chemicals, making it ideal for applications that require a **natural and sustainable look** and **consistent color**.

Its short-fiber eucalyptus base ensures strong formation and barrier performance. With minimal chemical usage, Eucanatural is TCF and is available in five natural brown shades that gives you more freedom to define your product's visual identity.

Benefits compared to other pulps:

- Different color shades to choose
- Cleaner and smoother surface
- Better paper formation and printability
- Safe for food contact applications.

Recommended applications:



NATURAL SHADE GRADING



	eucaprime	eucasmart	eucastrong	eucaflash	eucabright	eucanatural	eucaspecial
Brightness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Cleanliness	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
Refinability	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○

Look for our FSC® certified products



eucastrong

strength

High tensile
and superior
physical
properties to
your products

Eucastrong products **develop strength with lower energy** and ensure better performance on machines.

We developed a range of Eucastrong products to help tissue and papermakers incorporate eucalyptus into their furnish without compromising machine performance. Enhanced strength can be achieved without affecting drainability. Furthermore, the large open structure of the fiber network makes Eucastrong an ideal pulp for enhancing porosity and absorption properties in your most demanding applications.

Benefits over other pulps:

- Faster strength development;
- Maintains high drainability, porosity, and absorption;
- Better machine performance and energy consumption;
- Safe for food contact applications.

Recommended applications: Softwood substitution in applications such as hygiene and kitchen tissue products, décor and other high porosity and absorption media.



	eucaprime	eucasmart	eucastrong	eucaflash	eucabright	eucanatural	eucaspecial
Brightness	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Cleanliness	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Refinability	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●

Look for our FSC®
certified products





suzano
eucafluff



Eucafluff is an innovation designed to help the entire chain become more efficient and sustainable over time.

WHY CHOOSE EUCALYPTUS FLUFF?

1. Extra dry skin

Eucalyptus significantly improves re-wet readings = dry skin feeling.

2. Thinner, softer and flexible cores

Eucalyptus fibers produce thinner and more comfortable cores. A discrete and freeing option to end consumers.

3. Lower costs

Thinner absorbent cores lower the use of packaging materials and reduce logistics costs.

4. Reduced footprint

- Lower carbon emissions;
- Lower use of plastic;
- Less impact on land use.

Recommended applications:

Baby and adult diapers, feminine hygiene pads and liners, pet pads and airlaid.

Eucafluff® follows best-in-class international standards, demonstrating Suzano's commitment to sustainable development from end to end in our operations and offering the hygiene industry a raw material with low environmental impact. Moreover, our Eucalyptus Fluff is approved as an authorized raw material for products that bear the EU Ecolabel and the Nordic Swan Ecolabel.

Look for our FSC®
certified products

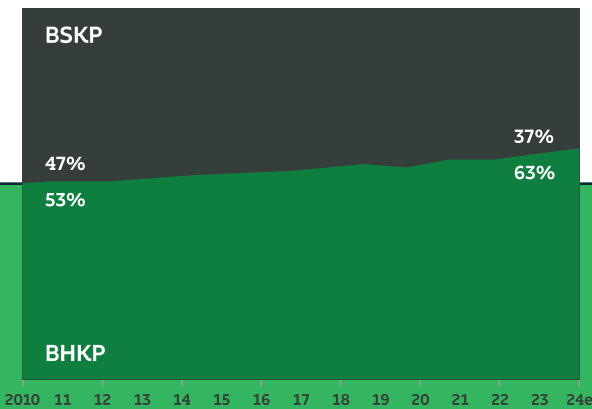


LET'S UNLOCK EUCALYPTUS BIOPOWER, TOGETHER

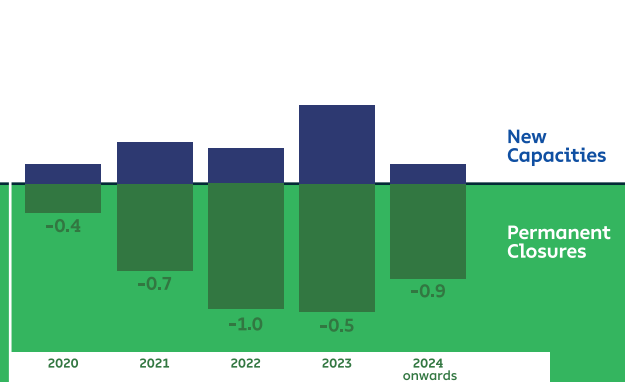


Bioconsumers increasingly demand sustainable products made from renewable sources, such as Suzano Biopulp, which is produced from certified, planted eucalyptus trees. Additionally, the current softwood supply and capacity environment (marked by aging assets, uncertain wood availability, and lower competitiveness compared to hardwood) has been driving the shift from BSKP to BHKP, a trend known as fiber-to-fiber.

Share of World BCP Demand*



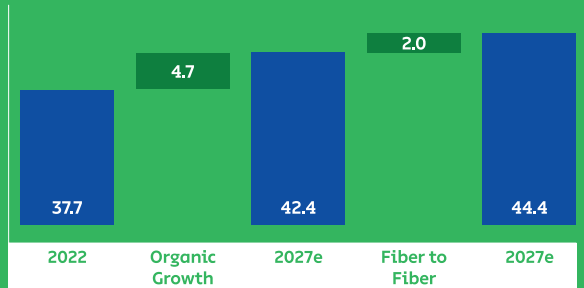
BSKP net capacity change - Delta in (Mt)¹



The evolving dynamics of the paper market's pursuit of higher competitiveness and supply security has been driving the fiber-to-fiber trend. This presents us with an opportunity to co-create and innovate.

Together, we can forge a sustainable biofuture where eucalyptus pulp plays a pivotal role.

Global BHKP demand (Mt)¹



Empowering customers to embrace
eucalyptus pulp

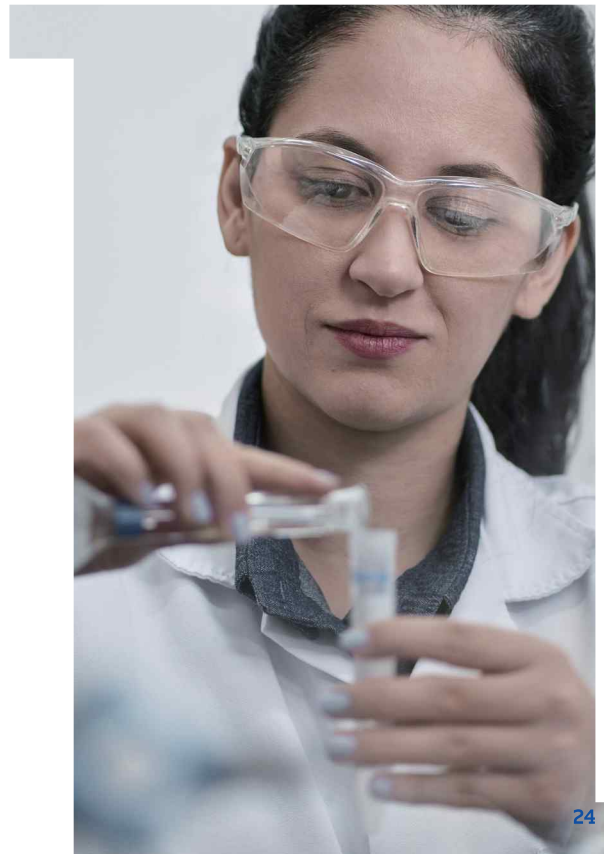
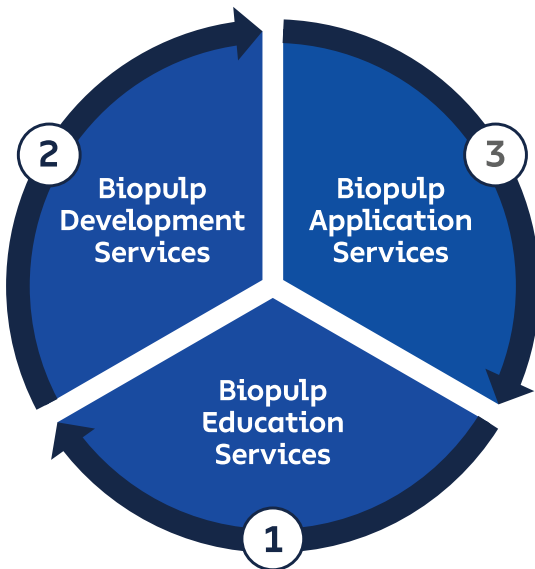
SUZANO BIOPULP SERVICES

By combining our deep expertise in the production process with long-lasting relationships within the industry, we have developed a unique set of Suzano Biopulp services, which are made available to you to co-design the solutions your business needs.

Eucalyptus pulp specialists at your service

Our expertise positions us at the forefront of the very best of eucalyptus fiber application in paper production

OUR **BIOPULP** SOLUTIONS ECOSYSTEM





1 BIOPULP EDUCATION SERVICES

- Fiber furnish optimization for your business
- Visits to our mills
- Guidance to ensure the best experience with our innovation products
- Knowledge sharing and technical training for your team:
 - Optimizing the use of eucalyptus fibers in different applications
 - Different fiber comparisons and performance
 - Refining technologies
 - Other tailor-made training modules

2 BIOPULP DEVELOPMENT SERVICES

- Product design and development for paper and non-paper products
- Life cycle assessment
- Lab infrastructure available to you:
 - Microfibrillated cellulose (MFC) pilot plant
 - Disc and conical refining pilot plant
 - Electronic microscopy, morphology and physiochemical analyses
 - Forming and physical tests
 - Chemical and instrumental analyses
 - Kraft and new pulping process technologies

3 BIOPULP APPLICATION SERVICES

- Your partner for your everyday needs
- Product qualification, certifications and customer support
- Help you determine how to achieve the best process performance
- Stock preparation and refining audits
- Dedicated support during trials
- Exploration of innovative business models and co-investments

4 WE LOOK FORWARD TO HOSTING YOU IN BRAZIL

Organized visits to our sites to share knowledge and learn about our:

- Biotech division (FuturaGene)
- Eucalyptus nurseries, farms and harvesting processes
- Environmental and social projects
- Pulp mills
- Our paper, paperboard, tissue and converting machines
- Head office

Knowledge Sharing

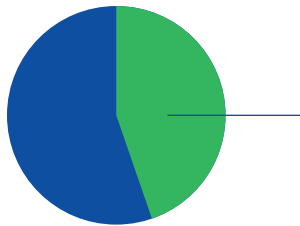
Our eucalyptus pulp experts are available to share their knowledge and collaboratively develop the finest biosolutions with our customers.

Visit our website:



OUR GOALS INCLUDE

1. Developing innovative and sustainable solutions and products
2. Helping address society's challenges
3. Supporting the socioeconomic development of the communities where we operate
4. Helping drive the evolution of the bioeconomy
5. Being a leader in sustainability



40% of our land is dedicate to conservation



4,000

species of animals and plants have been recorded in our farms and conservation areas

by
2030
we will



Reduce poverty

Lift 200,000 people out of poverty in our areas of operation by 2030.



Conserve biodiversity

Connect 500,000 hectares of forest fragments in the Amazon, Atlantic Forest and Cerrado biomes.

THE SHORTEST PATH TO THE BIOFUTURE IS TO CHOOSE SUZANO BIOPULP

**Let's
co-create
value together**

Biopulp Asia Sales
Asia_Commercial@suzano.com.br

Biopulp Application Service
Asia_BAS@suzano.com.br



Scan and follow
Asia official wechat account
Suzano Asia official wechat account

