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brazilian tree industry

2019

A SECTOR THAT MAKES ESSENTIAL PRODUCTS FOR OUR EVERYDAY LIVES

Products originated from planted trees are fundamental to the everyday lives of most Brazilians as well as thousands of people around the world. Some examples are diapers (which are made of cellulose pulp) and boxes of candy (made of paperboard). They also include laminated flooring, wood panels, pulp, paper, toilet tissue, wipes for babies and makeup removal, biomass to produce energy, cleaning products made with pine oil, and viscose fabrics made from cellulose fiber.

This is a sustainable production chain which not only provides products that people want, but also creates opportunities for communities in the surrounding areas. The number of direct jobs generated in 2018 grew almost 1% to 513,000, directly and indirectly impacting 3.8 million people.

Besides being of renewable origin, our products are recyclable and biodegradable, in line with the demands of a society concerned with global warming and greenhouse gas emissions. The planted tree industry is among those best suited to strengthen Brazil's goals in the Paris Agreement. In 2018, the industry stored 4.2 billion tons of CO₂ equivalent.

For a total of 7.83 million hectares of planted area throughout Brazil, we preserve 5.6 million hectares of nature forest. No other economic sector in Brazil preserves as much as the planted trees sector. It is worth noting that due to certification commitments and international compliance standards, our sector has zero record of illegal logging, especially in the Amazon biome.

The eyes of the world are watching this industry in Brazil, which is not only an exporter (with foreign sales of US\$ 12.5 billion), but also a reference in productivity and innovation.

ECONOMIC INDICATORS

GROSS REVENUES



R\$ 86.6 BILLION

1,3% of **Brazilian GDP**
6,9% of **industrial GDP**

TRADE BALANCE



US\$ 11.4 BILLION

TAX REVENUES



R\$ 12.8 BILLION

0.9% of all **domestic tax**
revenue generated

JOB CREATION



3.8 MILLION JOBS CREATED



DIRECT

+



INDIRECT

+



INCOME
EFFECT

513 ,000
DIRECT JOBS

INVESTMENT



R\$ 6.3 BILLION

R\$ 3.9 BILLION } 

FORESTS

R\$ 2.4 BILLION } 

INDUSTRY

THE PLANTED TREE INDUSTRY

CERTIFIED AREA
6.3
MILLION HECTARES



PLANTED AREA
7.83
MILLION HECTARES

PRESERVED AREA
5.6
MILLION HECTARES

PLANTED AREA BY INDUSTRIAL SECTOR



36% PULP AND PAPER



29% INDEPENDENT PRODUCERS



12% CHARCOAL-FIRED STEELWORKS



10% FINANCIAL INVESTORS



6% WOOD PANELS AND LAMINATE FLOORING



4% SOLID WOOD PRODUCTS



3% OTHERS

INDUSTRIAL PRODUCTION

PULP



21.1 }
MILLION
TONS



30%

70%

Brazil is the **largest exporter** of pulp in the world.

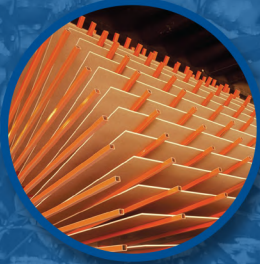
PAPER



10.4 MILLION
TONS

100% of paper produced in Brazil comes from **planted forests**.

WOOD PANELS



8.2 MILLION
M³

Brazil is among the **world's top ten producers of wood panels**.

LAMINATE FLOORING



11.1 MILLION
M²

Companies accredited by the Brazilian Ministry of Cities' Habitat Quality and Productivity Program (PBQP-H).

CHARCOAL



4.6 MILLION
TONS



Brazil is a world leader in producing steel with charcoal.

SOCIAL AND ENVIRONMENTAL DATA



PRESERVED AREA

5.6 MILLION HECTARES

For each hectare planted, another 0.7 is maintained
In the form of Legal Reserves (RL), Permanent Preservation Areas (APP),
and Private Natural Heritage Reserves (RPPN).

22,400 HECTARES

OF DEGRADED AREAS ARE BEING RECOVERED
BY IBÁ'S MEMBER COMPANIES



CO₂eq STOCKS

1.7 BILLION TONS OF CO₂eq STORED

in 7.83 million hectares of planted trees

2.5 BILLION
TONS OF CO₂EQ
STORED

} in 5.6 million hectares
of planted trees
preserved by the sector

(CO₂eq) is the metric used to compare the emissions of various greenhouse gases, based on the global warming potential of each one.



ENVIRONMENTAL PROGRAMS

1.5 MILLION PEOPLE WHO BENEFIT

R\$ 482 MILLION

INVESTED IN ENVIRONMENTAL PROGRAMS



FOREST OUTGROWER PROGRAMS

25,000 PEOPLE WHO BENEFIT

447,000 HECTARES

OF PLANTATIONS IN PARTNERSHIP WITH SMALL
AND MEDIUM-SIZED LOCAL PRODUCERS



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