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brazilian tree industry

2018

THE BRAZILIAN PLANTED TREE INDUSTRY

The Brazilian planted tree industry is a global reference for activities guided by sustainability, competitiveness, and innovation, and is among the main producers of pulp, paper, and wood panels worldwide, with exports that make major contributions to the trade balance, generating significant jobs and income in all regions of the country.

With hundreds of products and byproducts present in our homes and everyday lives (between pulp, paper, wood panels, laminated flooring, charcoal, and biomass), planted trees also play a fundamental role in mitigating the effects of climate change. Forests pertaining to this sector, both planted trees and conservation areas, offer a variety of environmental services such as regulation of water cycles, control of erosion and soil quality, biodiversity conservation, and supplying oxygen to the planet.

Because of its relevance to social and environmental development and the national economy, the industry has also invested in transforming byproducts and waste from industrial processes into innovative and renewable products that help strengthen a low-carbon economy.

With more than 7.84 million reforested hectares, less than 1% of the country's total area, the Brazilian planted tree sector accounts for more than 90% of all the wood produced for industrial purposes and 6.1% of industrial GDP in the country, and is also one of the segments with the greatest potential to help build a green economy.

ECONOMIC INDICATORS

GROSS REVENUES



R\$ 73.8 BILLION

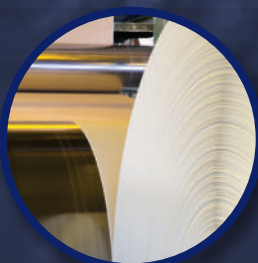
1.1% of Brazilian GDP
6.1% of industrial GDP

TRADE BALANCE



US\$ 9.0 BILLION

TAX REVENUES



R\$ 11.5 BILLION

0.9% of all domestic tax
revenue generated

JOB CREATION



3.7 MILLION JOBS CREATED



+



+



DIRECT

INDIRECT

INCOME
EFFECT

508,000
DIRECT JOBS

INVESTMENT



R\$ 6.7 BILLION

R\$ 3.2 BILLION



FORESTS

+

R\$ 3.5 BILLION



INDUSTRY

THE PLANTED TREE INDUSTRY

PLANTED
AREA

7.84

MILLION
HECTARES



CERTIFIED
AREA

5.8

MILLION
HECTARES

PLANTED AREA BY INDUSTRIAL SECTOR



35% PULP AND PAPER



30% INDEPENDENT PRODUCERS



13% CHARCOAL-FIRED STEELWORKS



9% FINANCIAL INVESTORS



6% WOOD PANELS AND LAMINATE FLOORING



4% SOLID WOOD PRODUCTS



3% OTHERS

INDUSTRIAL PRODUCTION

PULP



19.5

MILLION
TONS



DOMESTIC
MARKET

+



EXPORTS

33%

67%

Brazil is the **second-largest producer** of pulp in the world.

PAPER

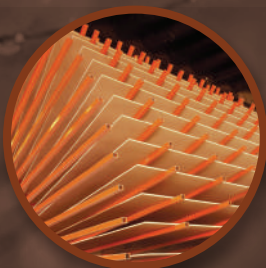


10.5

MILLION
TONS

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

WOOD PANELS



7.9

MILLION
M³

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

LAMINATE FLOORING



11.9

MILLION
M²

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

CHARCOAL



4.5

MILLION
TONS

}



DOMESTIC
CONSUMPTION

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).

35,000 HECTARES

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



CO₂eq STOCKS

1.7 BILLION TONS OF CO₂eq STORED

in 7.84 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

1.2 MILLION PEOPLE WHO BENEFIT

R\$ 497 MILLION

INVESTED IN ENVIRONMENTAL PROGRAMS



FOREST OUTGROWER PROGRAMS

27 ,000 PEOPLE WHO BENEFIT

464,000 HECTARES

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



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www.iba.org/en