

Welcome to your CDP Forests Questionnaire 2022

F0. Introduction

F0.1

(F0.1) Give a general description of and introduction to your organization.

Suzano is a Brazilian renewable-based company committed to be a global reference in the sustainable use of renewable resources. The world's leader in eucalyptus pulp manufacturing and one of the largest paper producers in Latin America. Currently, Suzano exports to more than 100 countries, being present in the lives of more than 2 billion people. With operations at eleven factories, in addition to the Veracel joint venture, it has an installed capacity of more than 10.9 million tons of market pulp and 1.4 million tons of paper per year.

Suzano has also a structure of administrative offices in Salvador (BA) and São Paulo (SP), 21 distribution centers and FuturaGene, responsible for the genetic development of forest crops and biofuels, with research laboratories in Israel and Canada. Abroad, Suzano has international offices in China, the United States, Switzerland, Finland (Joint venture Woodspin), Austria and Argentina.

Suzano is committed to the Principles and Criteria of the FSC® and NBR 14,789 CERFLOR Forest Management, with the purpose of providing the sustainability of its business in the long term, the continuous improvement of its activities and performance, as well as the adoption of environmentally friendly and socially responsible practices, committing to:

- Carry out forestry production planning, based on highly environmental standards, such as management of micro-basins and landscape, biodiversity monitoring, maintenance of native forest corridors;
- Guarantee occupational health and safety conditions and contribute to the development of direct and indirect employees;
- Always seek technological innovations and support for research to apply the best silvicultural techniques in its forestry production units;
- Contribute to the maintenance or improvement of communities adjacent to the forest management units.

Suzano operates in three Brazilian biomes (Amazon, Cerrado and Atlantic Forest), with 1.4 million hectares of planted forests of Eucalyptus and almost 1 million hectares of preserved natural areas, distributed in the states of Bahia, Espírito Santo, Minas Gerais, São Paulo, Mato Grosso do Sul, Maranhão, Tocantins, Pará and Piauí. This significant amount of preserved natural areas (around 40% of Suzano's total area) includes 94 thousand hectares of high conservation value areas, considered globally and nationally important for biodiversity conservation and voluntarily established by the company.

Suzano constantly evaluates its risks, not only financial, but also risks related to processes' continuous improvement, environmental conservation and social development practices, benefiting company's relationships with clients, suppliers, local communities, government agencies and other stakeholders. Therefore, the company's risks assessment considers the likelihood of their occurrence and the financial impacts, in addition to six other aspects – occupational health and safety, environmental and sociocultural aspects, reputation, climate change, and legal.

The company operates in compliance with all legislation, standards and commitments undertaken, nationally and internationally. In addition, in order to reduce its adverse environmental impacts while improving the quality of the environment in which it is presented, Suzano established mechanisms to operate eco-efficiently and foreseeing technological innovation. The environmental risks related to the operational activities is monitored through external and internal audits, according to responsible forest management standards of the FSC® (Forest Stewardship Council®) and PEFC / CERFLOR® (Brazilian Forest Certification Program). The internal audits utilize auditing principles and internal standards and occurs through environmental controls field checks established in the Matrix of Environmental Aspects and Impacts in operational activities.

Suzano establishes its plantations exclusively in areas previously anthropized by other uses, whose conversion has not occurred under its direct or indirect responsibility, committing itself to a zero-deforestation policy. Likewise, the company also undertakes to buy wood from plantations established exclusively in areas that were previously anthropized and develops continuous actions to raise awareness and encourage its wood suppliers to certify their plantations and/or apply FSC and PEFC standards in their forest operations.

F0.2

(F0.2) State the start and end date of the year for which you are reporting data.

	Start Date	End Date
Reporting year	January 1, 2021	December 31, 2021

F0.3

(F0.3) Select the currency used for all financial information disclosed throughout your response.

BRL

F0.4

(F0.4) Select the forest risk commodity(ies) that you are, or are not, disclosing on (including any that are sources for your processed ingredients or manufactured goods); and for each select the stages of the supply chain that best represents your organization's area of operation.

	Commodity disclosure	Stage of the value chain
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Timber products	Disclosing	Production Processing Trading Manufacturing
Other - Rubber	This commodity is not produced, sourced or used by our organization	

F0.5

(F0.5) Are there any parts of your direct operations or supply chain that are not included in your disclosure?

No

F0.6

(F0.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.?)

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, an ISIN code	BRSUZBACNOR0

F1. Current state

F1.1

(F1.1) How does your organization produce, use or sell your disclosed commodity(ies)?

Timber products

Activity

- Growing/production of raw materials
- Harvesting
- Refining & processing
- Exporting/trading
- Using as input into manufacturing process for power generation
- Using as input into product manufacturing
- Retailing/onward sale of commodity or product containing commodity

Form of commodity

- Hardwood logs
- Sawn timber, veneer, chips
- Pulp
- Paper

Source

Owned/managed land
Smallholders
Trader/broker/commodity market

Country/Area of origin

Brazil

% of procurement spend

6-10%

Comment

Our operations are vertically integrated, from the production of eucalyptus seedlings, through plantation and forestry management (including harvesting, logging and wood transportation), to pulp and paper production facilities and energy generation units. We only produce bleached eucalyptus kraft pulp from 100% planted eucalyptus trees. Suzano's plantations are located in the states of São Paulo, Minas Gerais, Rio de Janeiro, Mato Grosso do Sul, Bahia, Espírito Santo, Maranhão, Pará e Tocantins, in Brazil. As of December 31, 2021, about 2,4 million hectares of lands, from which 1,4 million hectares are eucalyptus plantations, around 1 million hectares are natural reserves and 86 thousand hectares are for other uses such as roads, infrastructure and research field trials. Climate and soil conditions enable us to harvest our eucalyptus trees between 6 to 7 years after planting. Suzano's forestry operations hold the certifications Forest Stewardship Council® (FSC®) licenses (FSCC100042, FSC-C100704 and FSC-C110130), Cerflor/Programme for the Endorsement of Forest Certification (PEFC), ISO 9001 and ISO 14001. In the industrial operation, the pulp is extracted from the wood by a process known as Kraft Process. Among the numerous advantages from an environmental standpoint, it is self-sufficient in thermal and electrical energy, since biomass is the main input used to produce pulp. The main flow consists on a wood cooking process, a bleaching stage, and a final dryer stage. Once the logs are transported to our production facilities, they are unloaded and taken by conveyor belt to be debarked and chipped. After that, wood chips are sent to digesters, where they are mixed with chemicals and cooked under temperature and pressure. During this process, lignin and resins are removed from the wood. The lignin is used as fuel to produce thermal (steam) and electrical energy. Bark, wood and non-digested chips are also burned to produce energy. 87,7% of self-generated thermal and electrical energy is renewable (December 31, 2021).
Obs.: the value above (% of procurement spend) corresponds only to the spend with timber products acquired from suppliers.

F1.2

(F1.2) Indicate the percentage of your organization's revenue that was dependent on your disclosed forest risk commodity(ies) in the reporting year.

	% of revenue dependent on commodity	Comment
Timber products	100%	As a bleached eucalyptus kraft pulp producer which operations are vertically integrated, 100% of our revenues comes from eucalyptus plantations established on anthropized lands.

F1.3

(F1.3) Provide details on the land area you control and/or manage that is used for the production of your disclosed commodity(ies).

Forest risk commodity

Timber products

Type of control

Own land

Country/Area

Brazil

Land type

Tree plantations

Area (Hectares)

629,959

% Area certified

83

Certification scheme

FSC Forest Management certification

Conversion of natural ecosystems monitored during the reporting year, the last 5 years and/or since specified cutoff date

We have monitored conversion of natural ecosystems since specified cutoff date, please specify year

2020

Area of natural ecosystems converted during the reporting year (hectares)

Area of natural ecosystems converted since specified cutoff date (hectares)

0

Area of natural ecosystems converted during the last 5 years (hectares)

Please explain

All forestry units have FSC and PEFC certifications. Suzano has financial and operational control over its own forests and a commitment to zero deforestation, as stated in the "Zero Deforestation Annual Report" and in the Wood Supply Policy (PC.00.0023), dated 07/23/2020.

As of December 2021, Suzano had 522,866 ha (83%) of eucalyptus own managed forests (Own Land + Investment Funds) certified by FSC and/or PEFC standards. The FSC and PEFC chain of custody systems provide mechanisms to trace the raw material (wood) included in the product and its origin. It verifies that the wood comes from certified, controlled and legal forests, supported by a robust system for monitoring claims and local surveillance.

All land use information is registered in the Forest Register System, which generates a robust database for controlling and managing Suzano's lands. One of the premises for expanding the company's territorial area is to evaluate the occurrence of conversion of natural ecosystems in the farm to be acquired. If such occurrences are identified, the farm acquisition is discarded.

Forest risk commodity

Timber products

Type of control

Concession/lease

Country/Area

Brazil

Land type

Tree plantations

Area (Hectares)

608,348

% Area certified

63

Certification scheme

FSC Forest Management certification

PEFC Sustainable Forest Management certification

Conversion of natural ecosystems monitored during the reporting year, the last 5 years and/or since specified cutoff date

We have monitored conversion of natural ecosystems since specified cutoff date, please specify year

2020

Area of natural ecosystems converted during the reporting year (hectares)

Area of natural ecosystems converted since specified cutoff date (hectares)

0

Area of natural ecosystems converted during the last 5 years (hectares)

Please explain

All forestry units have FSC and PEFC certifications. Suzano has financial and operational control over its own forests and a commitment to zero deforestation, as stated in the "Zero Deforestation Annual Report" and in the Wood Supply Policy (PC.00.0023), dated 07/23/2020.

As of December 2021, Suzano had 383,259 ha (63%) of concession/leased eucalyptus forests certified by FSC and/or PEFC standard. The FSC and PEFC chain of custody systems provide mechanisms to trace the raw material (wood) included in the product and its origin. It verifies that the wood comes from certified, controlled and legal forests, supported by a robust system for monitoring claims and local surveillance.

All land use information is registered in the Forest Register System, which generates a robust database for controlling and managing Suzano's lands. One of the premises for expanding the company's territorial area is to evaluate the occurrence of conversion of natural ecosystems in the farm to be acquired. If such occurrences are identified, the farm acquisition is discarded.

Forest risk commodity

Timber products

Type of control

Outgrowers

Country/Area

Brazil

Land type

Tree plantations

Area (Hectares)

126,005

% Area certified

0

Certification scheme

No certified area in this country/area

Conversion of natural ecosystems monitored during the reporting year, the last 5 years and/or since specified cutoff date

We have monitored conversion of natural ecosystems since specified cutoff date, please specify year

2020

Area of natural ecosystems converted during the reporting year (hectares)

Area of natural ecosystems converted since specified cutoff date (hectares)

0

Area of natural ecosystems converted during the last 5 years (hectares)

Please explain

All forestry units have FSC and PEFC certifications. Suzano has financial and operational control over its own forests and a commitment to zero deforestation, as stated in the "Zero Deforestation Annual Report" and in the Wood Supply Policy (PC.00.0023), dated 07/23/2020. Outgrowers lands are not certified (0%) by FSC and/or PEFC standard.

All land use information is registered in the Forest Register System, which generates a robust database for controlling and managing Suzano's lands. One of the premises for expanding the company's territorial area is to evaluate the occurrence of conversion of natural ecosystems in the farm to be acquired. If such occurrences are identified, the farm acquisition is discarded.

F1.4

(F1.4) Provide details on the land you control and/or manage that was not used for the production of your disclosed commodity(ies) in the reporting year.

Forest risk commodity

Timber products

Country/Area

Brazil

Type of control

Own land

Land type

Natural ecosystems with potential to be legally converted for forest risk commodity production

Area (hectares)

493,742.27

% covered by natural forests

20

Please explain

Preservation / Conservation in areas owned by Suzano - it is the set of areas intended for permanent preservation, the legal reserve and the natural reserves maintained by SUZANO's initiative.

Forest risk commodity

Timber products

Country/Area

Brazil

Type of control

Concession/lease

Land type

Set-aside land

Area (hectares)

512,139.68

% covered by natural forests

21

Please explain

Preservation / Conservation in areas leased by Suzano - it is the set of areas intended for permanent preservation, the legal reserve and the natural reserves maintained by SUZANO's initiative

F1.5

(F1.5) Does your organization collect production and/or consumption data for your disclosed commodity(ies)?

	Data availability/Disclosure
Timber products	Consumption and production data available, disclosing

F1.5a

(F1.5a) Disclose your production and/or consumption figure, and the percentage of commodity volumes verified as deforestation- and/or conversion-free.

Forest risk commodity

Timber products

Data type

Production data

Commodity production/ consumption volume

12,300,000

Metric for commodity production/ consumption volume

Metric tons

Data coverage

Full commodity production/consumption

Have any of your reported commodity volumes been verified as deforestation- and/or conversion-free?

Yes

% of reported volume verified as deforestation- and/or conversion-free

100

Please explain

All wood supply areas for Suzano, including suppliers, are monitored based on environmental, social, economic, and legal requirements. To this end, it adopts a Wood Supply Policy and a Zero Deforestation Policy, whose development complies with the Brazilian Forest Code, the criteria of the FSC® Association Policy, the standards of forest management and chain of custody FSC® and PEFC/Cerflor, FSC® controlled wood, PEFC/Cerflor controlled sources, the fundamental principles of the International Labor Organization (ILO) and compliance with international regulations on traceability and the legal origin of wood, such as: EUTR - European Timber Regulation, UKTR - United Kingdom Timber Regulation, Lacey Act (USA), Australian Illegal Logging Prohibition Act.

To this end, Suzano instituted and applies the Due Diligence System (DDS), which contemplates document analysis, on-site visits, and has the objective of minimizing the risk of supplying unacceptable sources. The DDS is based on the FSC and Cerflor Forest Stewardship Standards and Controlled Wood (FSC-STD-40-005), the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and the ABNT NBR 14790 NBR14790 standard and aims to guarantee in all direct and indirect supply chain:

- The compliance with all applicable legislation;
- The respect for the right to property, possession, and use of the land;
- The non-compromising of areas of high conservation value;
- The non-conversion of native areas into commercial wood plantations;
- Respect of human rights, including the rights of indigenous peoples, and traditional communities
- Compliance with occupational health and safety items, following the Fundamental Principles of the International Labor Organization (ILO)
- The anti-deforestation;
- The preservation of natural resources through engagement programs.

These principles are included in contractual covenants and observed through verification procedures, covering the wood harvesting and transportation operations. When a deviation is identified, it is dealt with so that the supply of wood is ready to occur. Internal and external audits are carried out annually by the independent certifying

body. In the audits, documents are checked for compliance with the cited standard and legal documents, in addition to on-site visits to evaluate the practice of the standard in the field.

Forest risk commodity

Timber products

Data type

Consumption data

Commodity production/ consumption volume

29,000,000

Metric for commodity production/ consumption volume

Cubic meters

Data coverage

Full commodity production/consumption

Have any of your reported commodity volumes been verified as deforestation- and/or conversion-free?

Yes

% of reported volume verified as deforestation- and/or conversion-free

100

Please explain

All wood supply areas for Suzano, including suppliers, are monitored based on environmental, social, economic, and legal requirements. The Wood Supply Policy establishes a zero-deforestation commitment, in compliance with the Brazilian Forest Code, the criteria of the FSC® Association Policy, the standards of forest management and chain of custody FSC® and PEFC/Cerflor, FSC® controlled wood, PEFC/Cerflor controlled sources, the fundamental principles of the International Labor Organization (ILO) and compliance with international regulations on traceability and the legal origin of wood, such as: EUTR - European Timber Regulation, UKTR - United Kingdom Timber Regulation, Lacey Act (USA), Australian Illegal Logging Prohibition Act.

Suzano has a Due Diligence System (DDS), which contemplates document analysis and on-site visits to minimize the risk of supplying from unacceptable sources. The SDD is based on the FSC and Cerflor Forest Stewardship Standards and Controlled Wood (FSC-STD-40-005), the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and the ABNT NBR 14790 NBR14790 standard and aims to guarantee in all direct and indirect supply chain:

- The compliance with all applicable legislation;
- The respect for the right to property, possession, and use of the land;
- The non-compromising of areas of high conservation value;
- The non-conversion of native areas into commercial wood plantations;

- Respect for human rights, the rights of indigenous peoples, and traditional communities
- Compliance with health and safety items, following the Fundamental Principles of the International Labor Organization (ILO)
- The anti-deforestation;
- The preservation of natural resources through engagement programs.

These principles are included in contractual covenants and observed through verification procedures, covering the wood harvesting and transportation operations. When a deviation is identified, it is dealt with so that the supply of wood is ready to occur. Internal and external audits are carried out annually by the independent certifying body. In the audits, documents are checked for compliance with the cited standard and legal documents, in addition to on-site visits to evaluate the practice of the standard in the field.

F1.5b

(F1.5b) For your disclosed commodity(ies), indicate the percentage of the production/consumption volume sourced by national and/or sub-national jurisdiction of origin.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction
São Paulo

% of total production/consumption volume

15

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021). All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that the company's pulp is produced from planted forests managed responsibly and traceable. Suzano encourages its suppliers to seek certification and assess the origin of raw material (timber) by using the FSC due diligence system to ascertain the legality, environmental and social issues in areas that are not in the scope of certification.

Suzano is present in more than 300 municipalities within eight States, so it was decided to sub-divide the participation in the supply of wood based on the size of the forest base of each state. In São Paulo Suzano has 364 hundred hectares of lands, from which, 217 hundred hectares of plantation, 130 hundred hectares of conservation and 17 hundred hectares of other uses. 100% of Suzano wood is traceable, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received by Suzano's factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction
Mato Grosso do Sul

% of total production/consumption volume

29

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021).

All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that company's pulp production is sourced by responsible and traceable planted forests.

Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC Due Diligence System (DDS) to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in around 300 municipalities within eight States. In Mato Grosso do Sul, Suzano has 673 hundred hectares of lands, from which, 387 hundred hectares have eucalyptus plantations, 221 hundred hectares are dedicated to environment conservation and 65 hundred hectares have other uses. 100% of wood is traceable, as the origin of all wood received by Suzano's factories is previously registered in a system called 'Zenith'. The traceability system includes georeferenced information of properties as well as name, region, state, transport identification, date and

time of receipt at the factory, among other relevant information, covering own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction

Minas Gerais

% of total production/consumption volume

5

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021).

All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that company's pulp production is sourced by responsible and traceable planted forests.

Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC Due Diligence System (DDS) to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in around 300 municipalities within eight States. In Minas Gerais, Suzano has 62 hundred hectares of lands, from which, 23 hundred hectares have eucalyptus plantations, 37 hundred hectares are dedicated to environment conservation and 2 hundred hectares have other uses. 100% of wood is traceable, as the origin of all wood received by Suzano's factories is previously registered in a system called 'Zenith'. The traceability system includes georeferenced information of properties as well as name, region, state, transport identification, date and time of receipt at the factory, among other relevant information, covering own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction

Bahia

% of total production/consumption volume

20

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021).

All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that company's pulp production is sourced by responsible and traceable planted forests.

Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC Due Diligence System (DDS) to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in around 300 municipalities within eight States. In Bahia Suzano has 490 hundred hectares of lands, from which, 261 hundred hectares have eucalyptus plantations, 205 hundred hectares are dedicated to environmental conservation and 24 hundred hectares have other uses. 100% of wood is traceable, as the origin of all wood received by Suzano's factories is previously registered in a system called 'Zenith'. The traceability system includes georeferenced information of properties as well as name, region, state, transport identification, date and time of receipt at the factory, among other relevant information, covering own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction

Espirito Santo

% of total production/consumption volume

12

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021).

All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that company's pulp production is sourced by responsible and traceable planted forests.

Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC Due Diligence System (DDS) to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in around 300 municipalities within eight States. In Espírito Santo, Suzano has 269 hundred hectares of lands, from which, 146 hundred hectares have eucalyptus plantations, 108 hundred hectares are dedicated to environmental conservation and 15 hundred hectares have other uses. 100% of Suzano wood is traceable, as the origin of all wood received by Suzano's factories is previously registered in a system called 'Zenith'. The traceability system includes georeferenced information of properties as well as name, region, state, transport identification, date and time of receipt at the factory, among other relevant information, covering own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction

Maranhão

% of total production/consumption volume

10

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021). All Suzano's Forests Units are certified by the FSC and

CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that the company's pulp is produced from planted forests managed responsibly and traceable. Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC due diligence system to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in more than 300 municipalities within eight states, so it was decided to sub-divide the participation in the supply of wood based on the size of the forest base of each state. In Tocantins, Maranhão, Pará, Amazonas and Piauí Suzano has 659 hundred hectares of lands, from which, 248 hundred hectares of plantation, 356 hundred hectares of conservation and 55 hundred hectares of other uses. Suzano has a total production capacity of 11 million tons, which are split in these eight states. 100% of Suzano wood is traceable, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received by Suzano's factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards.

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction

Pará

% of total production/consumption volume

6

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021). All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that the company's pulp is produced from planted forests managed responsibly and traceable. Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC due diligence system to ascertain the legality, environmental and social issues in areas that are not in the scope of certification.

Suzano is present in more than 300 municipalities within eight states, so it was decided to sub-divide the participation in the supply of wood based on the size of the forest base of each state. In Tocantins, Maranhão, Pará, Amazonas and Piauí Suzano has 659 hundred hectares of lands, from which, 248 hundred hectares of plantation, 356 hundred hectares of conservation and 55 hundred hectares of other uses. Suzano has a total production capacity of 11 million tons, which are split in these eight states. 100% of Suzano wood is traceable, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received by Suzano's factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. External and internal audits are carried out annually to verify Suzano's traceability system regarding FSC and CERFLOR/PEFC's Chain of Custody standards

Forest risk commodity

Timber products

Country/Area of origin

Brazil

State or equivalent jurisdiction

Specify state/equivalent jurisdiction
Tocantins

% of total production/consumption volume

3

Please explain

Suzano manages about 2.5 million hectares of lands, from which 1.4 million hectares are eucalyptus plantations, 1 million hectares are natural reserves and 86.4 thousand hectares are for other uses such as roads, infrastructure and research field trials (December 31, 2021). All Suzano's Forests Units are certified by the FSC and CERFLOR/PEFC on Forest Management and the mills: Aracruz, Mucuri, Imperatriz, Jacareí, Limeira, Suzano, Jacarei and Três Lagoas are certified on Chain of Custody. Each system has its own principles and criteria. These certifications attest that the company's pulp is produced from planted forests managed responsibly and traceable. Suzano encourages its suppliers to seek certification and assesses the origin of raw material (timber) by using the FSC due diligence system to ascertain the legality, environmental and social issues in areas that are not in the scope of certification. Suzano is present in more than 300 municipalities within eight states, so it was decided to sub-divide the participation in the supply of wood based on the size of the forest base of each state. In Tocantins, Maranhão, Pará, Amazonas and Piauí Suzano has 659 hundred hectares of lands, from which, 248 hundred hectares of plantation, 356 hundred hectares of conservation and 55 hundred hectares of other uses. Suzano has a total production capacity of 11 million tons, which are split in these eight states. 100% of Suzano wood is traceable, ensuring that all products delivered to customers can be

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F1.6

(F1.6) Has your organization experienced any detrimental forests-related impacts?

Yes

F1.6a

(F1.6a) Describe the forests-related detrimental impacts experienced by your organization, your response, and the total financial impact.

Forest risk commodity

Timber products

Impact driver type

Physical

Primary impact driver

Forest fires

Primary impact

Reduction or disruption in production capacity

Description of impact

Forest fires cause economic, social, and environmental impacts where they occur, directly related to the recurrence, severity, intensity and duration of the fire. The probability of a forest fire is directly related to the distribution of rainfall in the places, natural phenomena, incidents or accidents, and, mainly, cultural problems (habits and behaviours). It is estimated that most fires are caused by humans. In socio-environmental terms, the main damages are the loss of biodiversity; reduction of the organic layer of the soil; emission of CO₂ to the atmosphere; smoke in the surrounding communities causing health problems, among others. For Suzano's operations, the impacts consist of the reduction (loss) of wood production, associated with the entire logistical cost of effective firefighting in the field. In 2021, forest fires occurred in 1.25% (15,655 ha) of Suzano's total planted area, with an estimated loss of 1.13M m³ of wood destined for the pulp production process.

Primary response

Implementation of environmental best practices in direct operations

Total financial impact

89,000,000

Description of response

Suzano has a framework for monitoring and controlling forest fires that uses satellite images analysis; surveillance towers; in person field combat, etc. Also, the company instituted PROFLOR, a Forest Protection Program to mitigate the occurrence of forest fires. Suzano's social development department raises awareness of fire management in local communities present on Suzano's properties (only in Bahia e Espírito Santo states, 83 communities are engaged) and coordinates jointly fire mitigation actions with governmental institutions (e.g. Environmental Police, Firefighters and Environmental Agencies). Comparing 2021 to 2020, there was a reduction of 13% in forest fire areas (ha), which can be, in part, attributed to PROFLOR, mainly in raising awareness of neighboring communities and in equipping teams for effective combat in the shortest possible time. Calculation of Financial Impact: 2021: 1.25% (15,655 ha) of the total eucalyptus planted area with (1,251,144 ha) was impacted by fires. Experimental evaluations indicate that, on average, 32% of the volume reached by fires is unsuitable for pulp production. Considering a productivity of 226 m³/ha (average Suzano at 6 years of age), then: 15,655 x 0.32 x 226 = 1.13 M m³ (total wood loss). This wood must be replaced by the purchase of timber on the market, at an average price of R\$ 79.00/m³, so 1.13 M m³ x 79 = BRL 89M.

F1.7

(F1.7) Indicate whether you have assessed the deforestation or conversion footprint for your disclosed commodities over the past 5 years, or since a specified cutoff date, and provide details.

Forest risk commodity

Timber products

Have you monitored or estimated your deforestation/conversion footprint?

Yes, we estimate deforestation/conversion footprint based on sourcing area

Coverage

Full consumption volume

Reporting deforestation/conversion since a specified cutoff date or during the last five years?

During the last 5 years

Known or estimated deforestation/ conversion footprint (hectares)

0

Describe methods and data sources used to monitor or estimate deforestation/ conversion footprint

All Suzano wood supply are monitored based on environmental, social, economic and legal requirements. Suzano's commitments of responsible wood purchasing are expressed in a corporate policy (Wood Supply Policy). The Policy was developed in compliance with the Brazilian Forest Code, the criteria of the FSC Association Policy, the standards for Forest Management (FSC-STD-BRA; NBR14789 - Cerflor), Chain of Custody (FSC-STD-40-004; ABNT NBR 14790), Controlled Wood/controlled Sources (FSC-STD-40-005; FSC-NRA-BRA), International Regulations and the fundamental principles of the International Labor Organization.

Suzano institutes and applies the Due Diligence System (DDS) to observe principles related to deforestation or conversion avoidance. These principles are included in contractual covenants and observed through verification procedures, covering the wood harvesting and transportation operations. For this Suzano's has a system to provide Geospatial monitoring and also field visits to apply a checklist and demonstrate documentary compliance (no deforestation) and register in mobile App.

External and internal audits are carried out annually, in which FSC and PEFC/Cerflor standards are verified. In 2021, Suzano did internal audits in 558 suppliers and 26 non-conformities related to environmental aspects were identified, in which action plans were established. Also, an external audit by independent certification body was carried out in Jacareí, Aracruz and Três Lagoas Units with zero non-conformities identified. See more on: Wood Supply policy: <https://storage.googleapis.com/stateless-site-suzano-en/2020/08/a6f0cae8-wood-supply-policy.pdf> and Zero Deforestation Annual Report https://storage.googleapis.com/stateless-site-suzano-en/2020/10/140ba27d-relat%C3%B3rio-anual-de-desmatamento-zero-suzano-2020_2021_en-us-3.pdf

F2. Procedures

F2.1

(F2.1) Does your organization undertake a forests-related risk assessment?

Yes, forests-related risks are assessed

F2.1a

(F2.1a) Select the options that best describe your procedures for identifying and assessing forests-related risks.

Timber products

Value chain stage

- Direct operations
- Supply chain

Coverage

- Full

Risk assessment procedure

Assessed as part of an established enterprise risk management framework

Frequency of assessment

More than once a year

How far into the future are risks considered?

> 6 years

Tools and methods used

Internal company methods
National specific tools and databases
Jurisdictional/landscape assessment

Issues considered

Availability of forest risk commodities
Quality of forests risk commodities
Impact of activity on the status of ecosystems and habitats
Regulation
Climate change
Impact on water security
Tariffs or price increases
Loss of markets
Leakage markets
Brand damage related to forests risk commodities
Corruption
Social impacts

Stakeholders considered

Customers
Employees
Investors
Local communities
NGOs
Other forest risk commodity users/producers at a local level
Regulators
Suppliers

Please explain

SUZANO's main raw material is wood from planted forests, which meets the demand for pulp production. The risk of such supply is identified and assessed using:

Internal company methods:

The Risk of Loss of Productivity (m³/ha) is measured by developing and monitoring the productivity curves of forests through continuous field measurements and statistical modelling ("R"; Zenith) and stored in a database (Forest Registry). The modelling of these curves considers interactions between the forest and the site, such as type of clone, soil, climate zone, altitude, biome and climate risk. Annual measurement enables

us to estimate the present and future productivity of forests. Climate Risk is a variable considered in production models, which, through geostatistical techniques, combines the annual average rainfall with its interannual variability in the last 25 years (BIG DATA) registered by 161 weather stations. The risk of loss of planting area (ha) is measured through a dynamic control of the cartographic base via integrated management system (IMS), which monitors via satellite images any changes in soil use (fires, accidents, deforestation, invasions, etc.) and issues alerts for field verification. To assess wood availability over the years, the company uses a robust forest planning system (WOODSTOCK) to develop supply scenarios that consider strategic and economic assumptions, operational restrictions and productivity curves. These scenarios provide a clear vision of the risks associated with a given strategy, which are analyzed by the Committee of Executive Officers.

FSC Global Forest Registry:
The Global Forest Registry is a tool for FSC certificate holders looking for controlled wood and for other buyers who want to avoid unacceptable wood, Suzano has chosen because the information is continually updated, including at the sub-national level.

National specific tools and databases & Jurisdictional/landscape assessment:
MAP BIOMAS is used as a third-party source of information to detect temporal changes in the use of soil (deforestation, invasions, etc.). It was chosen as it is public, reliable and covers areas outside SUZANO's boundaries.

F2.2

(F2.2) For each of your disclosed commodity(ies), has your organization mapped its value chains?

	Value chain mapping
Timber products	Yes, we have mapped the entire value chain

F2.2a

(F2.2a) Provide details of your organization's value chain mapping for its disclosed commodity(ies).

Forest risk commodity

Timber products

Scope of value chain mapping

Own operations

Tier 1 suppliers

Tier 2 suppliers

Smallholders

% of total suppliers covered within selected tier(s)

100

Description of mapping process and coverage

Our value chain is quite extensive. It includes supplier relationships (that can be wood suppliers and other raw materials, inputs, equipment suppliers), forestry and industrial production, sales, transportation, distribution to customers and so on.

Our value chain cover internal and external processes and interactions. Externally we interact with many stakeholders and they are important partners on development our operations.

In every stages of the value chain, we take into consideration the sustainable development goals and we implement actions, aligned with Suzano's strategic goals, to achieve and overcome the SDGs.

Our forestry production is conducted in a way that reconciles the cultivation of eucalyptus with the conservation of natural resources, technological innovations and respect for communities. Activities such as dialogue with neighbouring communities strengthen Suzano's relationship with these stakeholders.

To guarantee the quality and productivity of forest production, the research teams work on the development of genetic improvement projects and on the nutritional monitoring of the soil, pests and others.

Suzano's suppliers also need to meet and to be in compliance with our commitments. All inputs used in operations, including wood, undergo evaluation and approval processes to ensure compliance with all requirements, whether quality, environmental, social or otherwise.

In industrial units and port terminals, process management practices aim to ensure, in a balanced way, customer satisfaction, continuous improvement in our operations, protection of the environment and the occupational health and safety of our professionals. As a form of confirmation of the implemented management system, we are certified ISO 9001, ISO 14001 and 45001.

To ensure 100% traceability of wood suppliers, Suzano is FSC and PEFC/Cerflor Forest Management and Chain of Custody certified and conducted field audits on all 558 wood suppliers in 2021. Suzano has a strong and well-documented traceability system, with 100% of wood traceability, ensuring that all products delivered to customers can be traced from the origin.

Your own production and primary processing sites: attach a list of facility names and locations (optional)

Your suppliers' production and primary processing sites: attach a list of names and locations (optional)

F3. Risks and opportunities

F3.1

(F3.1) Have you identified any inherent forests-related risks with the potential to have a substantive financial or strategic impact on your business?

	Risk identified?
Timber products	Yes

F3.1a

(F3.1a) How does your organization define substantive financial or strategic impact on your business?

For direct operations, based on Suzano's integrated risk management policy, a combination between impact and probability indicates which risks are considered substantial, both strategic and financial. Based on that, we classify impacts' risk in minor, moderate, major, and extreme, being the rules and definition of percentages applied to the calculation of Materiality of Risks consist of use of EBITDA percentages (Earnings Before Interest, Taxes, Depreciation, and amortization), following the curve:

1. Extreme: Above R\$600M during risk time-horizon
2. Major: From R\$200M to R\$600M during risk time-horizon
3. Moderate: From R\$40M to R\$200M during risk time-horizon
4. Minor - Lower than R\$40M during risk time-horizon

Otherwise, probability of occurrence follows these classes: remote, possible, likely, and very likely.

Impact must be analysed in the following categories: financial, health and safety, environmental, social/cultural, reputational, organizational, and legal.

Therefore, the combination between impact and probability generates our Risk Matrix, and those risks with High or Critical level are considered substantial for Suzano's business.

The management of climate change related risks is integrated into our overall risk management, which follows the guidelines defined in our integrated risk management policy with respect to the process of communicating, prioritizing, treating, monitoring, and analysing risks. Priority risks associated with climate change are managed by certain internal departments in charge of monitoring the risk and are periodically monitored by our risk management department through an integrated multi-disciplinary ERM (Enterprise Risk Management) process.

In addition, Suzano is a supporter of the Climate Related Financial Disclosures Task Force (TCFD) and was the first company in the pulp and paper sector to be the protagonist of a case study published in the TCFD Knowledge Hub.

From the point of view of forestry technology, after a comprehensive review of the theme, a technological roadmap will be prepared with actions to quantify the risk and impacts on forest productivity, with a focus on actions to form resilient forests and reposition the forest base.

In additional, Suzano does not have insurance coverage for its forests. To mitigate the risk of fire, the Company maintains internal fire brigades, a watchtower network, and a fleet of fire trucks. There is no history of material losses from forest fires.

For supply chain, our categories are classified using the Kraljic methodology, which consists of a matrix model used to define the most appropriate strategy for the purchase of goods or services. Pursuant to this methodology, purchases are classified by item that take into account the financial impact and supply risk, with the following classes:

Strategic items: They present immense supply risk and great financial impact. They are materials that are characterized by scarcity, high value and high prices. The indicated strategy is to seek partnerships and/or collaborations.

Leverage items: They bring reduced supply risk, however they have a high financial impact. The indicated strategy foresees competitive offers or proposals.

Bottleneck items: They have a reduced impact on the company's profit, but may represent a high supply risk. They are usually scarce or are in the hands of suppliers in the area of new technologies. The strategy suggests the search for alternative suppliers, thus ensuring supply.

Routine items: Are those that exhibit low supply risk and reduced financial impact, due to abundant supply. In this case, the most appropriate strategy is to focus on reducing acquisition complexity in the administrative and logistics areas.

F3.1b

(F3.1b) For your disclosed forest risk commodity(ies), provide details of risks identified with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Forest risk commodity

Timber products

Type of risk

Chronic physical

Geographical scale

Global

Where in your value chain does the risk driver occur?

Direct operation

Supply chain

Primary risk driver

Increased severity of extreme weather events

Primary potential impact

Increased operating costs

Company-specific description

Most of the wood used in our production processes is supplied by our own forestry operations, 64% by 2020 , and our strategy aims to reduce our exposure to third-party wood to only 23% by 2024, which include planted forest areas located near our production facilities. The wood market in Brazil is very regional and limited in wood availability, as most pulp and paper producers are integrated and utilize wood grown in their own planted forests.

Both our planted forests and our suppliers' forests are subject to natural threats, such as drought, storms, fire, pests and diseases, which may reduce supply of wood or increase the price of wood to be acquired. Extreme climatic events such as La niña and El niño, may enhance the magnitude of the impacts, leading to lower forest productivity and losses of forest assets due to physiological disorders, affecting directly our operating costs or even, reducing the pulp and paper produced volumes.

To understand these impacts specifically to our operations and supply chain, we input scenarios of changing global climate conditions, in our long-term forest planning analyses, to measure productivity (physical supply) and financial impacts. According to this analysis, Suzano's pulp mills located in Espirito Santo, Bahia and Maranhao may be more impacted, comparing to those located in Sao Paulo and Mato Grosso do Sul. Therefore, in order to continue our operations, third-party wood is assumed to be alternative to mitigate production impact.

Timeframe

4-6 years

Magnitude of potential impact

High

Likelihood

More likely than not

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact (currency)

2,285,640,000

Potential financial impact figure - minimum (currency)

Potential financial impact figure - maximum (currency)

Explanation of financial

In order to estimate the financial impacts from extreme weather events like droughts and floods, we calculate the cost of buying wood on the market due to the drop in forest productivity, resulting in R\$1.7, 1.9 and 2.3 billion - to be diluted over the years - for three sensitivity scenarios for losses: moderate, acid and extreme.

This estimation is based on different level of potentially productivity's lost for already planted forest, mainly for our mills located in Brazilian Northeast but also considers mills

located in Sao Paulo and Mato Grosso do Sul (Southeast area). Therefore, it considers actual wood spot market in these regions multiplied by required additional volume in order to fit forest productivity losses.

Primary response to risk

Implementation of environmental best practices in direct operations

Description of response

Suzano’s R&D is selecting new eucalyptus clones based on growth speed and wood quality, making use of techniques like genetic recombination through controlled pollination, genomic tools in the selection of new clones, extensive field evaluation and laboratory analysis. In 2020, our Forestry and Digital teams developed a system – called Tetrys – to help the silviculture team allocate the clones more precisely for planting. Using Machine Learning algorithms combined with Forest Inventory and Research data, this system defines the best clone(s) to be planted in a specific unit. The system predicts the risk of productivity loss for each clone, considering biotic and abiotic stress factors. Tetrys allowed the elaboration of plantation program for 2021, with 90+ thousand hectares, and it helped the planning of our operational nurseries and the maximization of productivity, reducing the risk of productivity losses.

In addition, Suzano maintains 83 weather stations distributed among its forest base, watersheds, land use, occupation, and evapotranspiration monitoring (“open-air laboratories”).

This response strategy is attending all Suzano’s forestry units, since 2020, including Sao Paulo, Mato Grosso do Sul, Espirito Santo, Bahia and Maranhao mills that are supplied by this optimization tool. Tetrys addresses the risk of extreme weather events by increasing the availability of wood, with an estimated increasing of productivity of ~ 2% in our forests and took 8 years to be developed.

Cost of response

163,400,000

Explanation of cost of response

Suzano maintains 83 weather stations distributed among its forest base, watersheds, land use, occupation, and evapotranspiration monitoring (“open-air laboratories”). This physical structure, as an example, costs R\$ 1,28 million (yearly) and allows us to measure with elevated accuracy the impacts of the prediction models in the climate change scenarios arising from the events of El Niño and La Niña in the last 102 years. Considering all investment done for R&D&I, Suzano invested R\$163.4M by 2020. Part of that is invested in forest R&D&I initiatives.

F3.2

(F3.2) Have you identified any forests-related opportunities with the potential to have a substantive financial or strategic impact on your business?

	Have you identified opportunities?
Timber products	Yes

F3.2a

(F3.2a) For your selected forest risk commodity(ies), provide details of the identified opportunities with the potential to have a substantive financial or strategic impact on your business.

Forest risk commodity

Timber products

Type of opportunity

Markets

Where in your value chain does the opportunity occur?

Direct operation

Primary forests-related opportunity

Increased availability of products with reduced environmental impact (other than certified products)

Company-specific description & strategy to realize opportunity

The opportunity mapped for Timber products is based on the advance of our renewable eucalyptus forests with the called Cerrado Project, which allow Suzano to improve the availability of products as pulp and paper, in a sustainable way. Pulp produced will be converted to paper products, by Suzano or by customers, that may be used to substitute plastic-based products, like plastic straws, cups and bags, continuing the strategic policy of Suzano to provide reforested wood products and contributing with carbon removal from atmosphere.

Moving ahead with our long-term strategy through our strategic avenue of maintain relevance in Pulp, Suzano announced Cerrado Project (a new pulp mill located in Mato Grosso do Sul, Brazil), with capacity of 2.5 million tonnes of hardwood market pulp, in a market that is expected to growth 4.6 million tonnes by 2025. By this project, Suzano will improve competitiveness with the lowest cash cost, provide attractive returns even in more adverse scenarios, advance in economies of scale, increase leadership position in the pulp market, supply long-term demand increase and highlight for contributing to company's sustainability goals.

Cerrado Project brings many benefits aligned with our business strategy and our long-term goals for climate. Providing more pulp, Suzano not only supplies growth in market demand but also contribute for single-use plastic substitution. Some examples of benefits for this increase in capacity from a new project: renewable energy generation of approximately 180MW and considered in the industry as free from fossil fuel - a new milestone for Suzano in eco-efficiency. In additional, due to structural average radius of only 60 km, inbound logistics will be provided mainly by hexatrem - innovation launched in 2019 by Suzano —the world's first trailer truck with six semitrailers that is able to transport up to 200 tons of wood in one haul. This innovation only can be used in internal roads. Hexatrem consumption in liters of diesel per m³ transported is 21.5%

lower than the traditional tritrem model. This means that, for every 1 million m³ transported, there is a reduction in emission of approximately 600 tons of CO₂ equivalent (greenhouse gas reflection standard).

Suzano has already started investment at the project and Cerrado project is expected to start-up by 2024.

Estimated timeframe for realization

1-3 years

Magnitude of potential impact

High

Likelihood

Very likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

8,267,000,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

The financial impact for Suzano related to the incremental revenue generated by hardwood pulp produced by the new mill, at Cerrado Project. The calculation is directly by multiplying the volume of hardwood pulp increased by Cerrado's Project and the net average price for Suzano:

2021 average net price = R\$3.307

Hardwood pulp volume increase by Cerrado's Project = 2.5 million tonnes

Financial impact = 2.5 million tonnes x R\$3,307 = R\$ 8.3 billion

Forest risk commodity

Timber products

Type of opportunity

Products & services

Where in your value chain does the opportunity occur?

Direct operation

Primary forests-related opportunity

Increased R&D and innovation opportunities

Company-specific description & strategy to realize opportunity

With approximately 2.5 million hectares of land, of which approximately 1.4 million hectares were used for eucalyptus plantation and 1 million for environmental conservation, Suzano faces growing challenges for management of eucalyptus pests and diseases, that caused billionnaire damages in Brazilian forest sector over the last 20 years, which includes Suzano.

To carry out an efficient management to combat pests and diseases, three examples of strategies are adopted at Suzano.

The first is the use of genetic resistance to control major diseases and some pests. Through specific protocols, resistant clones are efficiently selected. In this case, as the main opportunity, it is possible to intensify this process and make this evaluation even earlier in the breeding program. The second example concerns the use of biological control. The biological control market is growing rapidly, and we are in the same direction.

Finally, Suzano has a monitoring system to assess the environment (weather stations - Suzano maintains 83 weather stations distributed among its forest base), the host (satellite and drones) and pests and diseases (traps and field inspections), in order to support better control decisions .

Taking the second example as the highlighted opportunity, as a pioneer in the use of biological control techniques, Suzano is one of the companies that most invest in this area. Currently, the company has three laboratories to produce natural enemies: one in Aracruz (Espírito Santo state), the second one in the municipality of Alambari (São Paulo state) and a new one, inaugurated in 2021, in Três Lagoas (Mato Grosso do Sul state). In 2021, our production reached 115 million natural enemies for biological pest control, which were released approximately 150,000 hectares. With this, not only do we no longer have damage caused by pests in Suzano's areas, but we also use a much more interesting alternative from an environmental point of view: without using agrochemicals, we put groups of pests in balance in these areas. Again, we have a good example of shared economic and environmental gains in managing our forests.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential impact

Low

Likelihood

Very likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

14,000,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

In 2021, we reached the production of 115 million natural pest enemies, which were released on approximately 150,000 hectares, exceeding R\$ 14 million in net avoided cost in the 2020/2021 biennium.

Forest risk commodity

Timber products

Type of opportunity

Products & services

Where in your value chain does the opportunity occur?

Direct operation

Primary forests-related opportunity

Increased R&D and innovation opportunities

Company-specific description & strategy to realize opportunity

The generation, selection, multiplication and planting of superior eucalyptus trees is one of the pillars for the production of wood for the pulp and paper sector.

The development of each eucalyptus clone, within the genetic improvement programs, requires the work of researchers and technicians in the laboratories and in the field.

Suzano has been investing in eucalyptus plantations since the 1960s and currently we have one of the largest databases for this genus in the world.

In addition to selecting trees that are superior in wood quality, with high productivity and resistance to the main pests and diseases, it is also necessary to carry out a correct clonal allocation, positively taking advantage of an interaction between the clones and as environmental characteristics of the planting areas. This step considers a dimension and the variability of the conditions of climate, relief, altitude and soil of the planting areas. Crossing all these data is something quite complex, but necessary to ensure the sustainable forest management of our planted forests. It is at this point that the advance of digitalization of processes in the industry has brought gains.

In this sense, in 2020 we developed Tetrys, an unprecedented digital tool in the forest sector, which generates productivity and risk scenarios for each eucalyptus clone, allowing for the best match between the clones and the environments, boosting gains and owing to the volatility of the forest production.

The complex spatial distribution of almost all classes of tropical soils in the Suzano units results in a veritable “puzzle” of “genotypes × environments × managements”. In addition, a forest base is extremely dynamic, with prospecting and demobilization of assets being constantly evaluated.

We are using artificial intelligence to have more security in the production process since, using Tetrys, it is possible to capture the risks to productivity due to climate change. The results so far demonstrate that we have increased our capacity to generate productivity vs. risk scenarios by 15 times. With this, we were able to estimate an expected gain of 2% in IMAcel - Average Annual Pulp Increment - in the plantations carried out in 2021.

Estimated timeframe for realization

>6 years

Magnitude of potential impact

Medium

Likelihood

Likely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

The tool offers competitive advantages that Suzano decided to protect it as an industrial secret. So at this moment we are not allowed to divulgate potential financial impact.

F4. Governance

F4.1

(F4.1) Is there board-level oversight of forests-related issues within your organization?

Yes

F4.1a

(F4.1a) Identify the position(s) of the individual(s) (do not include any names) on the board with responsibility for forests-related issues.

Position of individual	Please explain
Board-level committee	The Company has a Sustainability Committee, coordinated by the Chairman of the Board of Directors, which periodically oversees the assessment and mitigation

	<p>initiatives of all forest issues that are related to the Company's operations, being the Sustainable Forest Management one of the material issues indicated in Suzano's materiality. A forests-related decision taken by the Sustainability Committee in 2021 was the long-term goal announced in the last Annual Report: Connect, through ecological corridors, 500.000 hectares of priority areas for biodiversity conservation in the Cerrado (Brazilian Savannah), Atlantic Forest and Amazon.</p>
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F4.1b

(F4.1b) Provide further details on the board's oversight of forests-related issues.

	Frequency that forests-related issues are a scheduled agenda item	Governance mechanisms into which forests-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Monitoring implementation and performance Overseeing major capital expenditures Reviewing and guiding corporate responsibility strategy Reviewing and guiding risk management policies Reviewing innovation / R&D priorities Setting performance objectives	The Board of Directors and the Sustainability Committee, which reports directly to the Board, are key to integrating forests-related issues in business, reviewing and guiding corporate responsibility strategy, risk management, innovation and performance monitoring in forest management and biodiversity protection. In fact, the long-term goal regarding connecting areas for biodiversity conservation was reviewed, deliberated and validated at the Board level.

F4.1d

(F4.1d) Does your organization have at least one board member with competence on forests-related issues?

Row 1

Board member(s) have competence on forests-related issues

No, but we plan to address this within the next two years

Primary reason for no board-level competence on forests-related issues

Important but not an immediate priority

Explain why your organization does not have at least one board member with competence on forests-related issues and any plans to address board-level competence in the future

Currently our company does not have any board member with competence on forests-related issues, but we plan to address this within the next years

F4.2

(F4.2) Provide the highest management-level position(s) or committee(s) with responsibility for forests-related issues (do not include the names of individuals).

Name of the position(s) and/or committee(s)	Responsibility	Frequency of reporting to the board on forests-related issues	Please explain
Chief Sustainability Officer (CSO)	Both assessing and managing forests-related risks and opportunities	Quarterly	<p>The CSO is responsible for overseeing the Forestry Environmental Department that manages restoration projects, monitors and controls environmental aspects, impacts and risks, ensures compliance with legislation and certifications and is responsible for the integrated management of forestry, industrial and regulatory dimensions.</p> <p>Suzano's CSO reports four times a year to the Sustainability Committee, a board-level committee, coordinated by the Chairman of the Board of Directors.</p> <p>In the Sustainability Committee the following forest-related topics are discussed:</p> <ul style="list-style-type: none"> • Forest Certifications strategy and the company's evolution on the implementation of forest certification guidelines; • Recommendation of environmental improvements to the forest operations; • Restoration projects, benefits of High Value Conservation Areas (HCVA) and biodiversity monitoring; • Traceability of wood supply. <p>Also, since these topics are included in the compensation targets, they are also reported to the compensation committee.</p>

Chief Executive Officer (CEO)	Both assessing and managing forests-related risks and opportunities	Quarterly	The CEO is the responsible for company's Commitments to Renewing Life, such as connecting 500,000 hectares of Cerrado, Atlantic Forest and Amazon fragments through ecological corridors and increasing water availability in critical watersheds where Suzano operates, both by 2030. He reports periodically to the to both 'Strategy and Innovation' and 'Sustainability' Committees.
Other C-Suite Officer, please specify Chief Research and Development Officer	Both assessing and managing forests-related risks and opportunities	Quarterly	The Chief Research and Development Officer is responsible for the corporate leadership of the company's technological innovation processes since the forest until the product. Therefore, the priority of our portfolio of Research & Development projects is to improve our forest efficiency, thereby increasing the productivity and quality of our forests. He reports periodically to the CEO and to both 'Strategy and Innovation' and 'Sustainability' Committees.

F4.3

(F4.3) Do you provide incentives to C-suite employees or board members for the management of forests-related issues?

	Provide incentives for management of forests-related issues	Comment
Row 1	Yes	<p>As priority, the company executives have ESG targets in their respective annual target dashboards established and contracted at the start of each performance cycle. These targets are monitored periodically to assess the achievement of the goals established and adjust the action plans, if required.</p> <p>Achieving the established goals directly impacts the annual compensation of the executive since, by virtue of the program model, their reward can be accelerated or reduced to the detriment of the result calculated.</p> <p>About 33% of the individual targets of the R&D Executive Director are related to ESG issues, of which 24% is linked to Forestry aspects.</p>

F4.3a


(F4.3a) What incentives are provided to C-Suite employees or board members for the management of forests-related issues (do not include the names of individuals)?

	Role(s) entitled to incentive?	Performance indicator	Please explain
Monetary reward	Other C-suite Officer	Achievement of commitments and targets	The variable compensation program mostly aims at leveraging business and results, encouraging employees to effectively contribute to the Company's growth, strengthening the commitment to sustainable results, while making the short- and long-term visions compatible, enabling that the Company's growth results in a financial compensation, as well as retaining employees. Goals are set at the beginning of the year with a breakdown of specific targets. Targets are set following a strict monitoring and auditing control. C-suite salary multiplier is tied in accordance to target achievement. Some of these goals are milestones towards the achievement of company's long-term targets, such as increasing water availability in critical watersheds we operate, which is among the individual targets of the Chief Research and Development Officer. This commitment is strictly linked to improve forest management and mitigate risks and impacts of our forest operations.
Non-monetary reward	No one is entitled to these incentives	No indicator for incentivized performance	Suzano currently does not present any non-monetary reward related to forest issues, only monetary.

F4.4

(F4.4) Did your organization include information about its response to forests-related risks in its most recent mainstream financial report?

Yes (you may attach the report – this is optional)

 20-F Suzano_20211231.pdf

F4.5

(F4.5) Does your organization have a policy that includes forests-related issues?

Yes, we have a documented forests policy that is publicly available

F4.5a

(F4.5a) Select the options to describe the scope and content of your policy.

	Scope	Content	Please explain
Row 1	Company-wide	<p>Commitment to eliminate conversion of natural ecosystems</p> <p>Commitment to no land clearance by burning or clearcutting</p> <p>Commitment to eliminate deforestation</p> <p>Commitment to remediation, restoration and/or compensation of past harms</p> <p>Commitment to protect rights and livelihoods of local communities</p> <p>Commitments beyond regulatory compliance</p> <p>Description of business dependency on forests</p> <p>Recognition of potential business impact on forests and other natural ecosystems</p> <p>Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy</p> <p>List of timebound milestones and targets</p> <p>Description of forests-related performance standards for direct operations</p> <p>Description of forests-related standards for procurement</p>	<p>Responsible socio-environmental conduct and the generation of shared value are part of Suzano's strategy. Currently Suzano's operations occur in Brazil (in the states of São Paulo, Mato Grosso do Sul, Maranhão, Pará, Tocantins, Bahia, Minas Gerais and Espírito Santo). Due to the high risk of loss of biodiversity due to deforestation and the high risk of social conflict over land in Brazil, guaranteeing the supply of wood in a sustainable way is essential for Suzano's business. Suzano recognizes the value of its forests and it is committed to an environmental management policy, wood supply policy and committed to zero deforestation, that means we establish our plantations exclusively in areas previously anthropized by other uses and we adopt the best forest management practices. Suzano operates in compliance with all legislation, standards and commitments undertaken and it is committed to international widely recognized forest initiatives (FSC and CERFLOR/PEFC), both auditable forest certification schemes, which do not accept deforestation, forest degradation or social injustice. Suzano respects indigenous, traditional and local communities' rights and other parts involved in the operation. Thus, Suzano's relationship strategy seeks to ensure social environmental sustainability and legitimacy to its business, by strengthening long-term interactions with neighboring communities, and by integrating their interests in the planning and management of the company's operations. Recognizing the potential impact of our operations on forests and other natural habitats for our activities, we map and monitor the environmental aspects that can cause impacts; assess risks and determine prevention, mitigation, adaptation, restoration and compensation measures of adverse impacts and expansion of the beneficial ones; and we carry out ecological restoration of degraded areas. The policies inform and influence decision-making guiding forestry planning and wood purchase, as well as defining compliance with the requirements of the FSC and CERFLOR standards. Alongside the Policies, Suzano has time-bound</p>

			commitments and targets for forest and biodiversity by 2030, which considered and supports the achievement of the UN's SDGs. Suzano has an internal procedure that determines the review of all corporate documents, including policies, at least every 3 years
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F4.5b

(F4.5b) Do you have commodity specific sustainability policy(ies)? If yes, select the options that best describe their scope and content.

	Do you have a commodity specific sustainability policy?	Scope	Content	Please explain
Timber products	Yes	Company-wide	Commitment to eliminate conversion of natural ecosystems Commitment to no land clearance by burning or clearcutting Commitment to eliminate deforestation Commitment to remediation, restoration and/or compensation of past harms Commitment to protect rights and livelihoods of local communities Commitments beyond regulatory compliance Commitment to transparency Commitment to align with the SDGs	One of the main threats to the loss of biodiversity, in Brazil and in the world, is the fragmentation of habitats, which alters the provision of ecosystem services. The loss of biodiversity is a risk for Suzano, since the supply of wood is dependent of natural resources, with biodiversity being the primary support of these resources. Sustainable wood is the most important raw material for Suzano; therefore, it is committed to an Environmental Management Policy and a Wood Supply Policy that guide the best forest management practices. These Policies cover all Suzano operations and its supply chain and have an update frequency of up to 3 years. All our products are manufactured from eucalyptus, planted and harvested exclusively for this purpose, following the principles of the wood supply policy and internationally recognized certification standards (FSC and CERFLOR/PEFC), which do not accept forest degradation or social injustice. The purchase of wood is made from legal, responsible sources of known origin, with traceability being

			<p>Description of business dependency on forests</p> <p>Recognition of potential business impact on forests and other natural ecosystems</p> <p>Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy</p> <p>List of timebound commitments and targets</p> <p>Description of forests-related performance standards for direct operations</p> <p>Description of forests-related standards for procurement</p>	<p>a prerequisite for Suzano. 100% of wood suppliers and their subcontractors are evaluated by an internal control system to ensure compliance with the principles of our Policy.</p> <p>Suzano performs an annual critical analysis of its policy to assess adherence to its practices. This review is used to ensure that the company's strategic drivers and its guiding policy principles, are being properly implemented in Suzano's tactical and operational initiatives. Internal development and decision-making are disclosed in the company's annual sustainability report.</p> <p>As it recognizes the potential impact of its operations on natural habitats, Suzano establishes in its internal decision-making process, for each activity carried out, a risk assessment based on the theory in the mitigation hierarchy and determinates the measures to prevention, mitigation, adaptation, restoration and compensation of adverse impacts. In order to contribute to reverse the loss of biodiversity and generate a positive net impact on nature, Suzano established a commitment to connect, by 2030, through ecological corridors, half a million hectares of fragments in the Cerrado, Atlantic Forest and Amazon biomes.</p>
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F4.6

(F4.6) Has your organization made a public commitment to reduce or remove deforestation and/or forest degradation from its direct operations and/or supply chain?

Yes

F4.6a

(F4.6a) Has your organization endorsed any of the following initiatives as part of its public commitment to reduce or remove deforestation and/or forest degradation?

Other, please specify

STATEMENT FROM THE BRAZILIAN BUSINESS SECTOR Business for Nature One trillion trees by 2030 (Advisory Council) The Brazilian Coalition on Climate, Forests and Agriculture

F4.6b

(F4.6b) Provide details on your public commitment(s), including the description of specific criteria, coverage, and actions.

Forest risk commodity

Timber products

Criteria

No conversion of natural ecosystems
Zero gross deforestation/ no deforestation
Restoration and compensation to address past deforestation and conversion
No land clearance by burning or clearcutting
Secure Free, Prior and Informed Consent (FPIC) of indigenous people and local communities
Adoption of the UN International Labour Organization principles

Operational coverage

Direct operations and supply chain

% of total production/ consumption covered by commitment

100%

Cutoff date

2008

Commitment target date

2020

Please explain

All the criteria selected are covered as part of the Sustainability Strategy, the Wood Supply Policy, the Environmental Management Policy, the Relations with Indigenous Peoples and Traditional Communities, and Suzano's Forest Certification guidelines, and the company is committed to continuously fulfilling them.

Suzano operates in compliance with all legislation, standards and commitments assumed and is committed to internationally recognized forestry initiatives (FSC and CERFLOR/PEFC), both auditable forest certification schemes, which do not accept deforestation, forest degradation or social injustice. Suzano also has a traceability

system with 100% coverage, of the FSC and PEFC Chains of Custody, and worldwide CW/DDS wood traceability systems, ensuring that all products delivered to customers can be traced back to their origin.

In 2021, Suzano published the second edition of the Annual Zero Deforestation Report to demonstrate compliance with the zero deforestation commitment established in its Wood Supply Policy. There was no deforestation for eucalyptus plantations in 2020; however, annual monitoring detected 141 ha of deforested areas in Bahia and Maranhão illegally carried out by third parties. Suzano included these areas in the company's ecological restoration plan. Suzano actively participates in initiatives to protect natural areas, in partnerships with NGOs, local governments, and research institutes that combat deforestation and promote ecological restoration. Likewise, the company also commits to use wood from plantations established exclusively in areas previously occupied by other uses. In order to evaluate the areas of forestry producers and wood suppliers, Suzano has a Due Diligence System, which is a set of activities for monitoring the sources of raw material (wood) in compliance with voluntary forest certification requirements and applicable legislation.

Since 2010, Suzano expand connectivity between existing forest fragments and promote the formation of networks of ecologically representative conservation areas through the Ecological Restoration Program (contributing with more than 35 thousand ha of restoration), which covers the Atlantic Forest, Cerrado and Amazon biomes, operating in all the company's forestry business units. In order to restore and compensate past deforestation or conversion, in 2021, Suzano implemented ecological restoration on 2,072ha.

Aware that the biomes where Suzano operates face different levels of fragmentation, the company announced, in 2021, its commitment to connect, by 2030, through ecological corridors, half a million hectares in the Cerrado, Atlantic Forest and Amazon biomes, aiming to reverse the loss of biodiversity and generate a positive net impact on nature.

Suzano understands that for its efforts in favor of biodiversity conservation to be effective, it is necessary to act in a network considering the composition of the landscape in the territory. Suzano also reinforces the importance of biodiversity in its business strategies through the Brazilian Business Commitment to Biodiversity, launched by the Brazilian Business Council for Sustainable Development – CEBDS. Suzano has a Relationship with Indigenous Peoples and Traditional Communities Policy, which establishes guidelines and general principles for the relationship with these stakeholders to be applied in all company's operations influence areas. In 2021, in addition to the three operational dialogues carried out in neighbouring indigenous communities, the Indigenous Community Forum, a partnership with the National Indian Foundation (FUNAI) and the Federal Public Ministry was highlighted aimed to cultivate coexistence between the Company and 12 Tupiniquim and Guarani villages located in Aracruz, as well as facilitate, in indigenous lands, a set of integrated and long-term actions. The Forum documented 12 signed agreements with those communities, formalizing the actions in Free, Prior and Informed Consent.

F5. Business strategy

F5.1

(F5.1) Are forests-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are forests-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, forests-related issues are integrated	>30	<p>Suzano has a forest planning area responsible for building and analyzing long-term studies that guarantee the sustainability of the business evaluating different aspects involved in the production of fibres and to generate scenarios supported by executive decisions. To carry out these studies, all the premises like mills' demand, existing base, age and productivity of plantations, costs for forestry formation and operations, be it own or third, proximity to areas of high conservation value, watershed management, are inserted in the mathematical model, and through specific tools we generate the scenarios for analysis. Business rules and restrictions are considered so that the scenarios are operationally viable, such as, the planting capacity of the site, the maximum area to be leased per year. Environmental restrictions are included in the model, such as, maximum area to be harvested in critical watersheds. The optimization is highly complex, since the choice of the logistics modal, product and destination site are also model decisions.</p> <p>Variables such as age and productivity of the forests foreseen for cutting are evaluated so that we do not have harvests in our own plantations that are not yet mature. The main objective is whenever we have to produce over the years with our own plantations and that regional wood production, carried out by independent producers, can be part of the production blend, considered these producers in the region's economy.</p> <p>The forests-related issues are integrated by the long-term strategic plan considering wood is the major raw materials for all the products provided by Suzano, so it's extremely important to have predictability in a horizon > 30 years (approximately 3 cycles of eucalyptus plantation). In annual revisions of the strategic planning</p>

			<p>is considered a specific session for the forest topics, related to maintain, increase and have the best management for our forestry bases, including the actual scenario and possible scenarios considering climate change. With the scenarios evaluated by strategic planning, it's possible to provide capital and operational expenses, to guarantee the supply of wood in any scenario, maintaining the availability of raw material and consequently products to the society.</p>
<p>Strategy for long-term objectives</p>	<p>Yes, forests-related issues are integrated</p>	<p>>30</p>	<p>Forest is highly connected into our three vision's long-term strategy :</p> <ul style="list-style-type: none"> - Continue being a benchmark in the sector in efficiency, profitability and sustainability, from the forest to the client. - Be a transformational agent in the expansion into new markets for our biomass (forest based) - Be a reference in sustainable and innovative solutions for the bioeconomy and environmental services, based on planted trees <p>Our long-term strategy is supported by the long-term wood supply plan (31 years' study done by forest planning area), always with competitiveness. Also, our forest strategy is connected to our long-term goals, such as "increase water availability in 100% of critical watersheds by 2030". We monitor the evolution of the plan on a monthly basis, with annual forums for review and deployment into goals for the organization (e.g forest operations management), always with the long-term horizon of >30 years as predictability guide for the raw material supply, ensuring the availability of products and solutions of Suzano.</p> <p>As of December 31, 2021, we owned or leased approximately 2.5 million hectares of land, of which approximately 1.3 million hectares were used for eucalyptus cultivation and 1 million for forestry reserves, ensuring compliance with Brazilian law that determines the percentage of area required for legal and permanent preservation reserves, located mainly along the rivers. Our forests units are certified by the Forest Stewardship Council ("FSC") and the Programme for the Endorsement of Forest Certification ("PEFC"), which attests that our forest management is environmentally correct and socially just. The compliance with Brazilian law ensures the continuity of Suzano's business, and is</p>

			<p>aligned with the long-term strategy of “Reinforce Suzano’s position as a biomaterials and sustainable Solutions provider for the Society”, as well ensuring the forest lands of the company can continue producing biomass for pulp and paper production, attending to all legal points.</p> <p>Some practical examples of forest based strategic initiatives are: approval and announcement of Cerrado Project (a new 2.5 forest pulp mill), partnership with Spinnova to build a plant in Finland to make a sustainable textile fibre from wood, development of a tool called Tetrys – to help the silviculture team allocate the clones more precisely in available areas for planting.</p>
Financial planning	Yes, forests-related issues are integrated	5-10	<p>Suzano plans to expand its pulp production from eucalyptus by 20%, through Cerrado project, that requires R\$ 14.7 billion in investments to be done between 2021 and 2024. In addition to this great initiative, long-term financial planning connects to operational supply planning. Therefore, for financial planning, premises such as medium radius, productivity, quality of the wood, harvested areas, planted areas, are part of our future perspective of competitiveness and viability of the continuity of operations.</p> <p>By M&A moves, our investment in a joint-venture operations with Spinnova in order to build a commercial plant in Finland to make a sustainable textile fibre from wood. This type of fiber has differentiated characteristics compared to other fibers (such as viscose and cotton) in terms of environmental impact, since its production requires significantly lower volumes of chemicals and water, reinforcing our compromise to "Be a transformational agent in the expansion into new markets for our biomass".</p> <p>In addition, Suzano supports and seeks to lead the discussion on the regulation of the carbon market in Brazil. It is important to mentioned that we are already carbon positive, in other words, the company's CO2 removals are greater than its emissions, due to our forest related position, which is an opportunity from which Suzano can benefit from capturing CO2 and offer carbon credits, generating revenue from this practice.</p> <p>Also, for financial perspective, Suzano completed a US \$ 1,250 million issuance of sustainability-linked bond in the international market. In this issue, the company commits itself to achieve sustainability targets connected to our</p>

			<p>Long-term goals, that are forest related, such as our ambition of "net removal of 40 million tons of carbon from the atmosphere".</p> <p>Regarding time horizon for Financial planning, Suzano considers 10 years, that includes a full cycle of eucalyptus plantation, all the investments related to Cerrado Project, and the CAPEX related to projects mapped by the company (that includes industrial and forest investments for efficiency, expansions, possible M&A's, and new products, as mentioned previously). Also, financial planning considers all types of financing in the mentioned timeline, that includes sustainability linked bonds, with their commitments and disbursement profile</p>
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F6. Implementation

F6.1

(F6.1) Did you have any timebound and quantifiable targets for increasing sustainable production and/or consumption of your disclosed commodity(ies) that were active during the reporting year?

Yes

F6.1a

(F6.1a) Provide details of your timebound and quantifiable target(s) for increasing sustainable production and/or consumption of the disclosed commodity(ies), and progress made.

Target reference number

Target 1

Forest risk commodity

Timber products

Type of target

Ecosystem restoration

Description of target

A major threat to the loss of biodiversity both in Brazil and worldwide is habitat fragmentation. This phenomenon occurs when a continuous natural area of environmental significance is subdivided into smaller areas that have no connection with each other. Fragmentation alters ecological interactions in the landscape and isolates species, interferes with the loss of territorial resilience to climate change and the

provision of ecosystem services, among other adverse effects.

Therefore, in order to reverse the loss of biodiversity and promote a positive net impact on nature, in 2021 Suzano established a commitment to connect, by 2030, half a million hectares of fragments through ecological corridors in the Cerrado, Atlantic Forest and Amazon biomes. This commitment surpasses Suzano's gates and focuses on the territory where biodiversity is most threatened according to the definition of the Ministry of Environment – MMA.

Linked commitment

Other environmental commitments

Traceability point

Third-party certification scheme

Start year

2021

Target year

2030

Quantitative metric

Absolute number

Target (number)

500,000

Target (%)

% of target achieved

0

Please explain

Suzano plans to achieve the target by developing “ecological corridors” (ECs) connecting 500.000 hectare of native forest areas. To define the goal scope (500.000 ha), the following areas were considered: 1. Priority areas for biodiversity conservation in Brazil, according to the Ministry of the Environment, in the Cerrado, Atlantic Forest and Amazon biomes, under the influence of Suzano's territories (i.e. within the company's operating territory and in regions surrounding its operations). 2. Other natural areas of forests and fragments of native vegetation, present in these territories. Environmental fragmentation is one of the main drivers to biodiversity loss (BL), and BL impacts Suzano's business, as it compromises the integrity of the ecosystem services necessary for the company's operational activities (i.e forest management), causing loss of species resilience, imbalance of pests, diseases and natural enemies, etc. To achieve

this goal, Suzano is focusing on the Connect, Engage and Protect pillars. Based on these pillars, the Company will act on six fronts: implementing and restoring biodiversity corridors, creating a network of Conservation Units, conserving populations of primates and palm trees, establishing business models that generate shared value and biodiverse production and carrying out actions to reduce the pressures on biodiversity as a result of human action, following the guidelines defined in the National System of Conservation Units. In 2021, we defined the governance model for the commitment's actions. At the same time, we gathered information to feed a georeferenced database, aiming to characterize the corridor regions and determine the main variables that guide the planning of actions over the territories. In this case, we established metrics to determine priority conservation areas to be connected, considering the best paths, optimization of resources, and reduction of impacts in the creation of corridors that will support biodiversity enhancement in the landscapes. We redefined the corridor routes, seeking the most effective routes, i.e. those that can minimize the costs of interventions, but that potentially have the greatest impact on increasing landscape connectivity. The process also involved interviews with landowners in the territories through which the corridors will pass to design effective engagement strategies.

Target reference number

Target 2

Forest risk commodity

Timber products

Type of target

Traceability

Description of target

100% of Suzano's wood must be - and it is - traceable, ensuring that all products delivered to customers can be traced from the origin. Thus, as a target, 100% of wood consumed by Suzano must be traceable annually. The origin of all the wood received in the factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. In the forestry area, Suzano is certified by PEFC and FSC Forest Management System. The industry has the PEFC and FSC chain of custody certification and FSC Controlled Wood. External and internal audits are carried out annually. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Aracruz and Mato Grosso do Sul Units and were not identified non-conformities with traceability.

Linked commitment

Zero net/gross deforestation

Traceability point

Forest management unit

Third-party certification scheme

Start year

2004

Target year

2021

Quantitative metric

Target (number)

Target (%)

100

% of target achieved

100

Please explain

100% of Suzano wood supply is traceable, from the planting of the seedling, harvesting, transportation, through the process of manufacturing, identification, storage and sales. To ensure 100% traceability, Suzano conducted field audits on all 558 wood suppliers in 2021. Suzano has a strong and well-documented traceability system, with 100% of wood traceability, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received in the factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with complete information of the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. In the forestry area, Suzano is certified with the PEFC and FSC Forest Management System (FSC-STD-BRA and NBR14789 - Manejo Cerflor 2012) . The industry has the PEFC and FSC chain of custody certification (FSC-STD-40-004) and FSC Controlled Wood (FSC-STD-40-005) that demonstrate the traceability of the origin of its raw material, identifying forest risks, legal and environmental requirements throughout its supply chain. The FSC® and PEFC forest certification schemes are widely used in the forest sector, being recognized by stakeholders as a sustainable management standard. This traceability system is used to recover information and provide proof of compliance for EUTR (European Timber Regulation). External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Aracruz and Mato Grosso do Sul Units and were not identified non-conformities with traceability.

Target reference number

Target 3

Forest risk commodity

Timber products

Type of target

Assess and/or verify compliance

Description of target

For Controlled wood/Controlled Sources areas, Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero deforestation position, Standard for Controlled Wood (FSC-STD-40-005), on the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and ABNT-NBR 14790 standard. For this, Suzano needs to verify compliance in 100% in all wood suppliers by field audit. Thus, we ensure: compliance with all applicable legislation, respect for the right to property, ownership and land use, the non-commitment of areas of high conservation value, the non-conversion of native areas into commercial timber plantations, respect for human rights and the rights of indigenous peoples and traditional communities. These principles need to be observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract.

Linked commitment

Zero net/gross deforestation

Traceability point

Third-party certification scheme

Start year

2004

Target year

2021

Quantitative metric

Target (number)

Target (%)

100

% of target achieved

100

Please explain

For Controlled wood/Controlled Sources areas, Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero deforestation position, Standard for Controlled Wood (FSC-STD-40-005), on the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and ABNT-NBR 14790 standard, ensuring: compliance with all applicable legislation, respect for the right to property, ownership and land use, the non-commitment of areas of high conservation value, the non-conversion of native areas into commercial timber plantations, respect for human rights and the rights of indigenous peoples and traditional communities. These principles need to be observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. When non-conformities are identified, action plans are established for treatment. Depending on the criticality of the non-conformity, the operation is stopped until it is solved and validated in a new on-site monitoring visit. In 2021, 100% (558) of wood suppliers were verified by a field audit in accordance with the criteria established by Suzano’s procedure “PG.25.03.0008 Controlled Wood Management - FSC and PEFC/Cerflor” and document and field checklists (procedures “FOR.25.0001 – ‘Fomento’ documentary checklist” and “FOR.25.0003 – field checklist”). Besides, external and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Três Lagoas and Aracruz Units and were not identified non-conformities related to deforestation.

F6.2

(F6.2) Do you have traceability system(s) in place to track and monitor the origin of your disclosed commodity(ies)?

	Do you have system(s) in place?	Description of traceability system	Exclusions
Timber products	Yes	100% of Suzano wood supply is traceable, from the planting of the seedling, harvesting, transportation, through the process of manufacturing, identification, storage and sales. Suzano has a strong and well-documented traceability system, with 100% of wood traceability, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received in the factories is previously inserted in our registration system, called “Zenith”, and in a georeferenced way, with complete information of the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. In the forestry area, Suzano is certified with the PEFC	Not applicable

		<p>and FSC Forest Management System. The industry has the PEFC and FSC Chain of Custody Certification (FSC-STD-40-004) and FSC Controlled Wood (FSC-STD-40-005) that demonstrate the traceability of the origin of its raw material, identifying forest risks, legal and environmental requirements throughout its supply chain. The FSC® and PEFC forest certification schemes are widely used in the forest sector, being recognized by stakeholders as a sustainable management standard. For raw materials supplied without FSC® and PEFC certification, due diligence is carried out to ensure traceability through checks on environmental and social issues in the supply chain. All forestry suppliers are evaluated before supplying the wood to Suzano and they are annually audited by sampling by the certification body. In case of non-compliance, Suzano stops supplying immediately and sends a suitability recommendation. These traceability systems are used to provide information and demonstrate compliance with international EUTR (European Timber Regulation) regulations to our customers; The invoice documents sent to our customers identify the products sold, quality information, batch numbers and geographic region of origin of the product. In 2021, certified wood accounted for 72% of the supply of wood to industrial units.</p>	
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F6.2a

(F6.2a) Provide details on the level of traceability your organization has for its disclosed commodity(ies).

Forest risk commodity	Point to which commodity is traceable	% of total production/consumption volume traceable
Timber products	Tree plantation	100

F6.3

(F6.3) Have you adopted any third-party certification scheme(s) for your disclosed commodity(ies)?

	Third-party certification scheme adopted?	% of total production and/or consumption volume certified
Timber products	Yes	100

F6.3a

(F6.3a) Provide a detailed breakdown of the volume and percentage of your production and/or consumption by certification scheme.

Forest risk commodity

Timber products

Third-party certification scheme

FSC Chain of Custody

Chain-of-custody model used

% of total production/consumption volume certified

100

Form of commodity

Hardwood logs

Volume of production/ consumption certified

39,198,113.67

Metric for volume

Cubic meters

Is this certified by more than one scheme?

Yes

Please explain

Suzano has FSC Chain of Custody certification for all units (Mills: FSC-C010014; Traders: FSC-C012430 Distributors:FSC-C003231), which means that all wood used for the production of pulp, paper or tissue has traceability, attesting that it has been properly produced and acquired from a legitimate source. Suzano has a strong and well-documented traceability system, with 100% of wood traceability, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received in the factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with complete information of the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. In the forestry area, Suzano is certified with the PEFC and FSC Forest Management System (FSC-STD-BRA and NBR14789 - Cerflor 2012). External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacaréí, Aracruz and Mato Grosso do Sul Units and were not identified non-conformities with traceability.

Forest risk commodity

Timber products

Third-party certification scheme

PEFC Chain of Custody

Chain-of-custody model used

% of total production/consumption volume certified

100

Form of commodity

Hardwood logs

Volume of production/ consumption certified

39,198,113.67

Metric for volume

Cubic meters

Is this certified by more than one scheme?

Yes

Please explain

Suzano has PEFC Chain of Custody certification for all units (Mills: PEFC/28-32-63; Traders: PEFC/28-32-61, Distributors: PEFC/28-32-62), which means that all wood used for the production of pulp, paper or tissue has traceability, attesting that it has been properly produced and acquired from a legitimate source. Suzano has a strong and well-documented traceability system, with 100% of wood traceability, ensuring that all products delivered to customers can be traced from the origin. The origin of all the wood received in the factories is previously inserted in our registration system, called "Zenith", and in a georeferenced way, with complete information of the name of the rural property, region, state, transport identification, date and time of receipt at the factory, among other relevant information, and covers own and third-party wood. In the forestry area, Suzano is certified with the PEFC and FSC Forest Management System (FSC-STD-BRA and NBR14789 - Cerflor 2012). External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Aracruz and Mato Grosso do Sul Units and were not identified non-conformities with traceability.

Forest risk commodity

Timber products

Third-party certification scheme

FSC Forest Management certification

Chain-of-custody model used

% of total production/consumption volume certified

73

Form of commodity

Hardwood logs

Volume of production/ consumption certified

28,807,535.44

Metric for volume

Cubic meters

Is this certified by more than one scheme?

Yes

Please explain

Suzano has a FSC and PEFC Forest Management certificates. The Forestry Business Units (UNF) of Suzano S.A within the scope of forest certification have the following license codes: FSC-C009927, FSC-C100704, FSC-C110130, FSC-C155943 and FSC-C118283. For this Suzano has a Forest Management plan in place for each region where it operates. This plan concentrates all the information, documents, reports, records, and maps that describe, justify, and regulate activities to be performed by any manager, team or organization, whether or not they are related to the management unit, including the social and environmental programs and statements of objectives and policies. To verify the conformity, external audits are carried out annually in all units (São Paulo, Espírito Santo, Maranhão, Bahia and Três Lagoas) by an independent certified body.

Forest risk commodity

Timber products

Third-party certification scheme

PEFC Sustainable Forest Management certification

Chain-of-custody model used

% of total production/consumption volume certified

54

Form of commodity

Hardwood logs

Volume of production/ consumption certified

21,231,967.36

Metric for volume

Cubic meters

Is this certified by more than one scheme?

Yes

Please explain

Suzano has a FSC and PEFC Forest Management certificates The Forestry Business Units (UNF) of Suzano S.A within the scope of forest certification have the following license codes: FSC-C009927, FSC-C100704, FSC-C110130, FSC-C155943 and FSC-C118283. For this Suzano has a Forest Management plan in place for each region where it operates. This plan concentrates all the information, documents, reports, records, and maps that describe, justify, and regulate activities to be performed by any manager, team or organization, whether or not they are related to the management unit, including the social and environmental programs and statements of objectives and policies. To verify the conformity, external audits are carried out annually in all units (São Paulo, Espírito Santo, Maranhão, Bahia and Três Lagoas) by an independent certified body.

Forest risk commodity

Timber products

Third-party certification scheme

FSC Controlled Wood

Chain-of-custody model used

% of total production/consumption volume certified

27

Form of commodity

Hardwood logs

Volume of production/ consumption certified

10,390,578.24

Metric for volume

Square meters

Is this certified by more than one scheme?

Yes

Please explain

In order to process wood from partnerships and purchased from Controlled Wood/ controlled sources, Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Controlled Wood (FSC-STD-40-005), National Risk Assessment approved for Brazil (FSC_NRA-BRA) and ABNT-NBR 14790 ensuring that: complies with all applicable legislation, comes exclusively from plantation, respect the right to property, peaceful possession and use of land, do not compromise recognizes areas of high conservation value, respect human rights, guarantee the rights of indigenous people and traditional communities, ensure worker's rights, including issues related to health and safety, following the Fundamental Principles of the International Labour Organization, and non-conversion of native areas into commercial timber plantations. These principles need to be observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. When non-conformities are identified, action plans are established for treatment. Depending on the criticality of the non-conformity, the operation is stopped until it is solved and validated in a new on-site monitoring visit. In 2021, 100% (558) of wood suppliers were verified by a field audit in accordance with the criteria established by Suzano's procedure "PG.25.03.0008 Controlled Wood Management - FSC and PEFC/Cerflor" and document and field checklists (procedures "FOR.25.0001 – 'Fomento' documentary checklist" and "FOR.25.0003 – field checklist"). Besides external and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Aracruz and Mato Grosso do Sul Units and were not identified non-conformities.

F6.4

(F6.4) For your disclosed commodity(ies), do you have a system to control, monitor, or verify compliance with no conversion and/or no deforestation commitments?

	A system to control, monitor or verify compliance
Timber products	Yes, we have a system in place for our no conversion and/or deforestation commitments

F6.4a

(F6.4a) Provide details on the system, the approaches used to monitor compliance, the quantitative progress, and the non-compliance protocols, to implement your no conversion and/or deforestation commitment(s).

Forest risk commodity

Timber products

Operational coverage

Direct operations
Supply chain

Description of control systems

For all wood supply (third, owned and leased properties), Suzano institutes and applies the Due Diligence System, that includes: 1) Analysis of legal documents proving rights, land use and no conversion. 2) Geospatial monitoring and analysis of land use limits with priority for conservation, indigenous and traditional communities officially demarcated, to establish an action plan aimed for protecting these areas; 3) Field visits to apply a checklist and demonstrate documentary compliance and register in mobile App.

4) Third-party verification: to verify the conformity of PEFC and FSC Forest Management System (FSC-STD-BRA and NBR14789 - Cerflor 2012); PEFC and FSC Chain of Custody Certification (FSC-STD-40-004; ABNT NBR 14790:2014) and FSC Controlled Wood (FSC-STD-40-005), external audits are carried out annually in all units (São Paulo, Espírito Santo, Maranhão, Bahia and Três Lagoas) by an independent certified body.

Monitoring and verification approach

Geospatial monitoring tool
Ground-based monitoring system
Community-based monitoring
Third-party verification

% of total volume in compliance

100%

% of total suppliers in compliance

100%

Response to supplier non-compliance

Suspend & engage

Procedures to address and resolve non-compliance with suppliers

Other, please specify
Go/No go contrato

Please explain

All Suzano forestry units underwent to external audits carried out annually by independent organizations standards: PEFC and FSC Forest Management System (FSC-STD-BRA; NBR14789 - Cerflor 2012); that assess deforestation and forest conversion. Suzano has PEFC and FSC Chain of Custody Certification (FSC-STD-40-004; ABNT NBR 14790:2014), which traces the wood, attesting that it was produced properly and acquired from a legitimate source. For Controlled Wood/Controlled Sources Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Controlled Wood (FSC-STD-40-005), National Risk Assessment approved for Brazil (FSC_NRA-BRA) and ABNT-NBR 14790.

Suzano conducts field audits to identify the compliance with its wood acquisition policy.

Aspects such as: Environmental licensing and other legal authorizations. Full compliance with the civil rights of workers. Use of Personal Protective Equipment, Protective measures for environmental conservation areas and evidence that there was no conversion of native forests into eucalyptus plantation. Major Non-Conformities issued in evaluations or re-certifications must be closed before the certificate is issued. Major Non-Conformities issued in monitoring audits must be completed within the defined deadlines or will cause the suspension of certification. Action plans are developed, in order to carry out regularization. The FSC and PEFC Audit Report is public and can be found in FSC Website.

F6.5

(F6.5) For your disclosed commodity(ies), indicate if you collect data regarding your own compliance and/or the compliance of your suppliers with the Brazilian Forest Code.

	Do you collect data regarding compliance with the Brazilian Forest Code?	Please explain
Timber products	Yes, from both suppliers and owned/managed land	<p>All Suzano wood supply, own and third parties, are monitored based on environmental, social, economic and legal requirements. Suzano's commitments regarding responsible wood purchasing are expressed in a corporate Wood Supply Policy and Zero Deforestation Policy, whose development observes the Brazilian Forest Code, FSC® association policy criteria, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood, controlled sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) and international regulations. Our forestry units have management systems coordinated by teams that act on the environmental issues, which guides the whole company to perform in accordance with our policies, goals, guidelines, legal requirements and standards. Field audits are carried out to confirm the information presented in the property's Rural Environmental Registry (CAR), after comparing the information declared with satellite images of the area (Remote Sensing and GIS Tool) and other legal compliance. The documentary analysis that refers to the verification of all documentation relevant to the property (authorization acts, documents of possession and ownership, among other items).</p> <p>The conformity of wood from our suppliers is assessed by a specific procedure and have third-party verified Forest</p>

		<p>certificates, in accordance with FSC and PEFC standards for the assessment of controlled wood, which both ensure commitment to all legal obligations and commitments with biodiversity conservation, no conversion of natural areas and identification of high conservation value forests. Certified Chain of Custody systems provide mechanisms of traceability, an information link between the wood raw material included in the product and its origin. This procedure refers to documentary analysis of the property and the owner, analysis of satellite images, analysis of the information declared in the CAR and the mapping of land use of the property. Suzano is audited annually by nationally and internationally accredited certification bodies and receive assessments from interested parties. In addition, as a good practice, we prepare and publish the Zero Deforestation Report on an annual basis in order to demonstrate compliance with the guidelines established in our policy.</p>
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F6.5a

(F6.5a) For your disclosed commodity(ies), indicate which Key Performance Indicators (KPIs) you use to measure your own compliance with the Brazilian Forest Code and your performance against these indicator(s).

Forest risk commodity

Timber products

KPIs

% of owned and/or managed properties registered on the Rural Environmental Registry (CAR) database, with active status

Performance against indicators

91-99%

Please explain

Suzano has 1,267 properties registered on CAR which includes its own areas, 96% with active status. Properties that don't have an active registration go through the process of review and registration. In 2021, 532K of hectares were updated.

The information is collected from official databases, such as the total of registration, Legal Reserve and APP area and its status (active, pending or cancelled). This procedure is performed with the support of a specialized service whom developed an internal tool to automatically manage this information on a monthly basis.

Further, Suzano adopts a procedure to review the CAR registry quarterly by downloading the municipalities bases where operates and monitors the use and occupation of the land in order to guarantee the execution of the planned actions and adequate use of the areas.

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment.

Forest risk commodity

Timber products

KPIs

% of owned and/or managed properties with signed Terms of Commitment of the Environmental Regularization Program (PRA)

Performance against indicators

91-99%

Please explain

"Suzano carries out planting exclusively in areas classified as Consolidated Use, according to definitions and guidelines established by the Brazilian Forest Code. To meet this determination, when the property environmental microplanning is done, the GIS team does the analysis with high-resolution satellite images, including the year 2008 to the present day, to check for possible conversions. From this analysis, the areas of consolidated use, RL and APP deficits are identified, areas that have undergone conversion in the period under analysis and the strategies for using the property are defined, respecting the BFC and the principles established by the certifiers, as well as the Company's internal policies. In addition, Suzano neither acquires nor leases properties that underwent deforestation after 1994, as per the criteria of the Forest Stewardship Council (FSC). The GIS team is responsible for processing this information. Therefore, the conversion analysis is one of the requirements to proceed with the land negotiation, amongst the analysis of the official documents (CAR). If the conversion of forests is identified, the negotiation process is ceased.

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment."

Forest risk commodity

Timber products

KPIs

% of owned and/or managed properties with no gross deforestation after July 2008

Performance against indicators

91-99%

Please explain

"Suzano carries out planting exclusively in areas classified as Consolidated Use, according to definitions and guidelines established by the Brazilian Forest Code. To meet this determination, when the property environmental microplanning is done, the GIS team does the analysis with high-resolution satellite images, including the year 2008 to the present day, to check for possible conversions. From this analysis, the areas of consolidated use, RL and APP deficits are identified, areas that have undergone conversion in the period under analysis and the strategies for using the property are defined, respecting the BFC and the principles established by the certifiers, as well as the Company's internal policies. In addition, Suzano neither acquires nor leases properties that underwent deforestation after 1994, as per the criteria of the Forest Stewardship Council (FSC). The GIS team is responsible for processing this information. Therefore, the conversion analysis is one of the requirements to proceed with the land negotiation, amongst the analysis of the official documents (CAR). If the conversion of forests is identified, the negotiation process is ceased.

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These

principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment."

Forest risk commodity

Timber products

KPIs

% of owned and/or managed properties with Legal Reserve (RL) and/or Permanent Protected Area (APP) deficit

Performance against indicators

91-99%

Please explain

"The areas of Legal Reserve (RL) and Permanent Protected Area (APP) are defined and identified during the microplanning stage of the property. The project is based on environmental zoning, environmental legislation and the principles of forest certification. After the microplanning of the area, the registration and/or updating of the CAR registry is carried out.

Deficits in RL and APP identified are assessed by satellite images with the support of GIS tools, images obtained by UAV's (Unmanned Aerial Vehicle) and field visits. In compliance with the Brazilian Forest Code, the actions to be taken in the medium and long term for the necessary adjustments to the APP's and RL's are defined, according to the specificities of each property.

Suzano total owned/manage area is 1,2 million hectares; 437 thousand hectares refers to native vegetation destined to conservation, so 40% of Suzano area is conserved (PPA and LR). Brazilian Forest Code requires that at least 20% of the property area must be intended for conservation (PPA and LR). Therefore, is possible to affirm that there is no Legal Reserve (LR) and/or Permanent Protected Area (PPA) deficit.

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are

carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment."

F6.5b

(F6.5b) For your disclosed commodity(ies), indicate which Key Performance Indicators (KPIs) you use to measure the compliance of your suppliers with the Brazilian Forest Code and their performance against these indicator(s).

Forest risk commodity

Timber products

KPIs

% of suppliers with signed Terms of Commitment of the Environmental Regularization Program (PRA)

Performance against indicators

100%

Please explain

"Suzano has a Wood Supply Policy, in which the principles and initiatives related to the supply of the wood used in the manufacture of its products are described, in order to guarantee the responsible origin and its traceability.

The policy covers all suppliers and the criteria of legality and non-conversion of native areas for timber forest plantations are observed for all properties, considering the regularity of plantations as a prerequisite for signing supply contracts.

The evaluations are carried out according to the criteria established in the CFB, through the temporal analysis of satellite images, in order to evaluate any conversions carried out after July / 2008.

The conformity of wood from our suppliers is assessed annually by specific procedure, and, in accordance with based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA), ensuring compliance with all applicable legislation on the operation and traceability.
"

Forest risk commodity

Timber products

KPIs

% of suppliers registered on the Rural Environmental Registry (CAR) database, with active status

Performance against indicators

100%

Please explain

"The presentation of the active CAR registration is a mandatory requirement requested by Suzano for the beginning of the wood purchase transaction from suppliers. In addition, authorization documents, debits/embargoes with environmental authorities are analyzed, among other specific documents for each region/state. Commercial team is responsible to manage this information. The GIS team assists by analyzing satellite images to verify if the land use and the preservation are adequate according to Brazilian Forest Code.

The information declared in the CAR is compared with satellite images of the property and with the mapping of land use to prove the legality of the wood obtained

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. The wood conformity of our suppliers is assessed by specific procedure, and, in accordance with FSC and PEFC / CERFLOR standards for the assessment of controlled wood, ensuring the traceability of it and the legality of the operation. External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment."

Forest risk commodity

Timber products

KPIs

% of suppliers with Legal Reserve (RL) and/or Permanent Protected Area (APP) deficit

Performance against indicators

91-99%

Please explain

"The CAR is a require for all contracts of Suzano. During the CAR analysis the location of RL and APP are evaluated. , with the support of the land use map required by Suzano, the information is compared with satellite images of the property, in order to verify if the property is in accordance with the Brazilian Forest Code and with certification standards.

Suzano's commitments regarding responsible wood purchasing are expressed in a corporate policy (Wood Supply Policy) and covers its own and third parties' supply. The Policy was developed in compliance with the Brazilian Forest Code, the criteria of the FSC Association Policy, the FSC Standards for Forest Management and Chain of Custody and PEFC / CERFLOR, FSC controlled wood, controlled sources PEFC / CERFLOR, EUTR - European Timber Regulation, UKTR, Lacey Act (USA), Australian law prohibiting illegal logging and the fundamental principles of the International Labor Organization.

Suzano institutes and applies the Due Diligence System, based on the Suzano Wood Supply Policy, Zero Deforestation Policy, FSC® and PEFC Forest (FSC-STD-BRA and NBR14789 - Cerflor 2012) and Chain of custody standards (FSC-STD-40-004; ABNT NBR 14790:2014), FSC Controlled Wood/Controlled Sources PEFC/Cerflor (FSC-STD-40-005; FSC_NRA-BRA) , ensuring compliance with all applicable legislation, These principles are observed in the contracted area, from the formalization of the contract, covering the operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are carried out annually, in which FSC-STD-40-005 and ABNT-NBR 14790 standards are verified. In the audits, documents of compliance with the cited standard and legal documents are verified, in addition to on-site visits to evaluate the practice of the standard. When non-conformities are identified, action plans are established for treatment."

Forest risk commodity

Timber products

KPIs

% of suppliers with signed Terms of Commitment of the Environmental Regularization Program (PRA)

Performance against indicators

91-99%

Please explain

This step is evaluated in conjunction with the other information in the CAR. Although, it should be noted that PRA Environment Program Regularization has not been implemented in all Brazilian states. Suzano does not purchase wood from areas identified as APP or RL, only from areas for consolidated use, as established by the Brazilian Forest Code.

F6.6

(F6.6) For your disclosed commodity(ies), indicate if you assess your own compliance and/or the compliance of your suppliers with forest regulations and/or mandatory standards.

	Assess legal compliance with forest regulations
Timber products	Yes, from both suppliers and owned/managed land

F6.6a

(F6.6a) For your disclosed commodity(ies), indicate how you ensure legal compliance with forest regulations and/or mandatory standards.

Timber products

Procedure to ensure legal compliance

"Suzano has a preventive approach and complies with all the applicable federal, state and municipal legislation, engaging the company's employees in meeting its requirements. By doing so, the company currently assesses its compliance utilizing a system for surveying and monitoring applicable legal requirements (Ambito System). The system captures the relevant legislation with a significant number of laws, decrees and regulatory standards at Federal, State and Municipal levels. From the survey of the pertinent legislation, a frequency for monitoring and updating the compliance is defined (30 days to 3 years, depending on the norm). Within each regulation, there are a series of obligations, which are addressed to an employee of the company responsible for the topic. The employee will have a deadline (environmental department of the company monitors the progress monthly) to comply with what is being requested by the obligation and to present evidences.

All Suzano wood supply are monitored based on environmental, social, economic and legal requirements. Suzano's commitments regarding responsible wood purchasing are expressed in a corporate policy (Wood Supply and Zero Deforestation. The Policy was developed in compliance with the Brazilian Forest Code, the criteria of the FSC Association Policy, the standards for Forest Management (FSC-STD-BRA; NBR14789 - Cerflor), Chain of Custody (FSC-STD-40-004; ABNT NBR 14790), Controlled Wood/controlled Sources (FSC-STD-40-005; FSC-NRA-BRA), International Regulations and the fundamental principles of the International Labor Organization.

Based on this, Suzano institutes and applies the Due Diligence System to observe these principles in the contracted area, from the formalization of the contract, covering the

operations of harvesting and transporting the wood, and considering that the regularity of planting is a prerequisite of the contract. External and internal audits are carried out annually, in which FSC and PEFC/Cerflor standards are verified. In 2021, Suzano did internal audits in all the scope and external audit by independent certification body in Jacareí, Aracruz and Três Lagoas Units and were not identified non-conformities related to forest regulations. Attachments: Wood Supply policy:
<https://storage.googleapis.com/stateless-site-suzano-en/2020/08/a6f0cae8-wood-supply-policy.pdf>"

Country/Area of origin

Brazil

Law and/or mandatory standard(s)

General assessment of legal compliance
 Brazilian Forest Code
 CITES

Comment

No additional comments.

F6.7

(F6.7) Are you working with smallholders to support good agricultural practices and reduce deforestation and/or conversion of natural ecosystems?

	Are you working with smallholders?	Type of smallholder engagement approach	Smallholder engagement approach	Number of smallholders engaged	Please explain
Timber products	Yes, working with smallholders	Supply chain mapping Capacity building Financial and commercial incentives	Supplier questionnaires on environmental and social indicators Developing or distributing supply chain mapping tool Supplier audits	1,235	Suzano purchases wood from smallholders in the Bahia, Espírito Santo, São Paulo and Maranhão regions in Brazil. Meetings and technical orientation with farmers are often conducted by Suzano professionals. These meetings are a valuable opportunity to promote responsible forest management practices. Seedlings are also supplied and advance payment is made to encourage and support producers in the initial production

			<p>Offering on-site technical assistance and extension services</p> <p>Providing agricultural inputs</p> <p>Disseminating technical materials</p> <p>Organizing capacity building events</p> <p>Supporting smallholders to clarify and secure land tenure</p> <p>Financial incentives for certified products</p> <p>Purchase guarantee linked to best agricultural practices</p> <p>Long term contracts linked to forest related commitments</p>	<p>phase.</p> <p>For 100% wood suppliers, Suzano institutes and applies the Due Diligence System, based on the Wood Supply Policy, Zero Deforestation positioning, Controlled Wood Standard (FSC-STD-40-005), the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and ABNT-NBR 14790, ensuring: compliance with all applicable legislation, respect for property rights, ownership and use of land, non-commitment of areas of high conservation value, no conversion of native areas into commercial timber plantations, respect for human rights and for the rights of indigenous peoples and traditional communities.</p> <p>These principles are observed in the contracted area, since the formalization of the contract, covering the wood harvesting and transportation operations, and considering that the regularity of the planting and environmental regularization is a requirement of the contract.</p> <p>External and internal audits are carried out annually, in which FSC and PEFC/Cerflor standards are verified. In 2021, Suzano did internal audits in 558 suppliers and were identified 26 non-conformities related to environmental aspects, in which action plans were established. Also, an external audit by independent certification body in Jacareí, Aracruz and Três Lagoas Units and were not identified non-conformities related to deforestation or conversion. Attachments: Wood Supply policy: https://storage.googleapis.com/stateless-site-suzano-</p>
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					en/2020/08/a6f0cae8-wood-supply-policy.pdf
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F6.8

(F6.8) Are you working with your direct suppliers to support and improve their capacity to comply with your forests-related policies, commitments, and other requirements?

	Are you working with direct suppliers?	Type of direct supplier engagement approach	Direct supplier engagement approach	% of suppliers engaged	Please explain
Timber products	Yes, working with direct suppliers	Supply chain mapping Capacity building Financial and commercial incentives	Supplier questionnaires on environmental and social indicators Developing or distributing supply chain mapping tool Supplier audits Offering on-site training and technical assistance Disseminating technical materials Organizing capacity building events Financial incentives for certified products Purchase guarantee linked to best agricultural practices Long-term contracts linked	100%	Suzano strengthens rural producers through various types of contracts, such as land lease, purchase and sale of wood and forestry promotion. The rural landowners in the states of BA, SP, ES, MS, MA, PI and TO must follow the eucalyptus planting and cultivation practices in compliance with the current legislation, such as the Forestry Code, CONAMA Resolutions, the State Environmental Policy, the Rainforest law, environmental rules and regulations, Municipal, State and Federal. The main engagement strategy is to link wood supply to environmental regularization, helping the rural landowner to be aware of existing gaps in its operation and, if any, to provide technical guidance on the best way to solve them. For 100% of our wood suppliers, Suzano institutes and applies the Due Diligence System, based on the Wood Supply Policy, Zero

			<p>to forest related commitments</p>	<p>Deforestation Positioning, Controlled Wood Standard (FSC-STD-40-005), the National Risk Assessment for Brazil (FSC-NRA-BR V1-0), and ABNT-NBR 14790. This addresses compliance with all applicable legislation and conformity within the Suzano standard of forest management.</p> <p>After the Due Diligence, the landowner receives guidance to solve possible gaps, ranging from simple to more complex situations, such as alterations in the CAR (Governmental Base for Rural Environmental Registration), or signing a TAC - Conduct Adjustment Agreement with the MPF - Federal Public Ministry.</p> <p>For example, in 2021, the Três Lagoas Unit signed 104 contracts for wood supply, of which approximately 10% underwent CAR compliance. The development programs (for example, the Parceria Florestal Program) are aimed at small and medium-sized local farmers and include: Technical guidance and monitoring of the forest throughout the cycle; Incentives for seedlings and inputs; Financial advance. The final objective is to develop productive forests that will be converted into wood to be used in Suzano's operations, always following the best silvicultural practices available and the quality and safety standards required by</p>
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				<p>Suzano.</p> <p>In 2021, in our most relevant area of operation (Aracruz - Mucuri), Suzano assisted 1,235 forest owners to use their land responsibly, promoting the recovery of native forest remnants; forestry using responsible methods, reducing the rural exodus, contributing to improving the quality of life and improving regional forestry development</p>
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F6.9

(F6.9) Are you working beyond your first-tier supplier(s) to manage and mitigate deforestation risks?

	Are you working beyond first tier?	Type of engagement approach with indirect suppliers	Indirect supplier engagement approach	Please explain
Timber products	Yes, working beyond first tier	Supply chain mapping Capacity building	Supplier questionnaires on environmental and social indicators Supplier audits Offering on-site training and technical assistance	Suzano's main strategy for managing and mitigating deforestation risks throughout its supply chain, including non-first-tier suppliers, is to assess environmental and legal compliance through geoprocessing tools, field visits and environmental licenses. To this end, it adopts a Wood Supply Policy and a Zero Deforestation Policy, whose development complies with the Brazilian Forest Code, the criteria of the FSC® Association Policy, the FSC® and PEFC/Cerflor forest management and chain of custody standards, FSC® controlled wood, PEFC/Cerflor controlled sources, EUTR - European Timber Regulation, UKTR - United Kingdom Timber Regulation, Lacey Act (USA), Australian Illegal Logging Prohibition Act and the fundamental principles of the International Labor

				<p>Organization (ILO).</p> <p>All wood supply areas, including non-tier 1, are evaluated through the Due Diligence System, which considers compliance with all applicable legislation, respect for property rights, land ownership and use, no compromise of areas of high conservation value, no conversion of native areas into commercial wood plantations.</p> <p>To this end, Suzano offers on-site training to internal employees and technical assistance to suppliers (tier-1 & non-tier-1). Therefore, Supplier questionnaires on environmental and social indicators are applied in the field, which are registered in a mobile application (app) for management and monitoring of the items verified. In 2021, 558 tier-1 and 295 non-tier-1 suppliers were audited in the field, and no deforestation incidents were identified in our suppliers.</p> <p>In addition, suppliers' external audits (third-party) are carried out annually, based on the requirements of the Controlled Wood Standard (FSC-STD-40-005), National Risk Assessment for Brazil (FSC-NRA-BR V1-0) and the ABNT-NBR 14790 Standard. In 2021, field visits and third-party audits were carried out in Mucuri, Aracruz, São Paulo and Mato Grosso do Sul and no deforestation incidents were identified in our suppliers.</p>
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F6.10

(F6.10) Do you engage in landscape (including jurisdictional) approaches to progress shared sustainable land use goals?

Do you engage in landscape/jurisdictional approaches?	
Row 1	Yes, we engage in landscape/ jurisdictional approaches

F6.10a

(F6.10a) Indicate the criteria you consider when prioritizing landscapes and jurisdictions for engagement in collaborative approaches to sustainable land use and provide an explanation.

	Criteria for prioritizing landscapes/jurisdictions for engagement	Please explain
Row 1	<p>Company actions align with already established jurisdictional and/or landscape initiative priorities in area</p> <p>Company has operational presence in area</p> <p>Opportunity to protect natural ecosystems</p> <p>Opportunity to restore natural ecosystems</p> <p>Response to regulation</p> <p>Other, please specify</p> <p>Identify, create and develop best practices to contribute to the management of the business and environmental assets, generating value for the company and society, aiming at a sustainable future</p>	<p>"Suzano, in partnership with the SOS Mata Atlântica Foundation (SOSMA) and with the support of IBÁ (Brazilian Tree Industry), launched the "Planos da Mata" project, which aims to strengthen the governance of 33 priority municipalities in which Suzano operates to protect the Atlantic Forest biome – coupled with economic and social development – via the elaboration of the "PMMA's" (Municipal Plans of the Atlantic Forest). The PMMA was established by the Atlantic Forest Law (Federal Law 11.428/2006), which, according to decree No. 6.660/2008, must include: I - diagnosis of native vegetation (...); II - indication of the main vectors of deforestation (...); III - indication of priority areas for conservation and recovery of native vegetation; and IV - indications of preventive actions against deforestation (...) and conservation and sustainable use of the Atlantic Forest in the municipality. Also, the PMMA must be approved by the Municipal Councils for the Environment (CONDEMA), a collegiate body, represented by members of the local municipality and civil society. Thus, the objectives of the "Planos da Mata" project are:</p> <ul style="list-style-type: none"> • Technically and politically guide local actors who carry out actions related to municipal public policies, so that they can coordinate the entire process of elaboration and implementation of the PMMA, collaboratively. • Institute principles and good practices in corporate sustainability in local participatory public policies. • Design a strategy for articulation with different actors to expand subsidies to municipalities to implement actions established by the PMMA. • Assist in the enforcement of the Atlantic Forest

		<p>Law and legal certainty for forestry activities in the municipalities.</p> <ul style="list-style-type: none"> • Disseminate good practices acquired by the project to replicate in other municipalities. <p>In the project, Suzano's role consists of transferring resources to SOSMA and local environmental NGOs and in the dissemination of good conservation, recovery, and sustainable use practices of the Atlantic Forest biome to encourage municipalities to structure public policies. This project is in line with the organization's environmental strategy, which seeks to "identify, create and develop best practices to contribute to the management of the business and environmental assets, generating value for the company and society, aiming at a sustainable future".</p>
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F6.10b

(F6.10b) Provide details of your engagement with landscape/jurisdictional approaches to sustainable land use during the reporting year.

Country/Area

Brazil

Name of jurisdiction or landscape area

States of Bahia, Minas Gerais, Espírito Santo and São Paulo

Is the landscape defined by administrative boundaries of sub-national governments and does the approach have active government involvement?

Yes, the landscape is defined by administrative boundaries and the approach has active government involvement

Brief description of landscape/ jurisdictional approach

Suzano, in partnership with the SOS Mata Atlântica Foundation (SOSMA) and with the support of IBÁ – (Brazilian Tree Industry), launched the “Planos da Mata” project, which aims to strengthen the governance of 33 priority municipalities (located in states of Bahia, Minas Gerais, Espírito Santo e São Paulo) in which Suzano operates to protect the Atlantic Forest biome – coupled with economic and social development – via the elaboration of the “PMMA's” (Municipal Plans of the Atlantic Forest). The PMMA was established by the Atlantic Forest Law (Federal Law 11.428/2006), which, according to decree No. 6.660/2008, must include: I - diagnosis of native vegetation (...); II - indication of the main vectors of deforestation (...); III - indication of priority areas for

conservation and recovery of native vegetation; and IV - indications of preventive actions against deforestation (...) and conservation and sustainable use of the Atlantic Forest in the municipality. Also, the PMMA must be approved by the Municipal Councils for the Environment (CONDEMA), a collegiate body, represented by members of the local municipality and civil society.

Forest risk commodities relevant to this landscape/jurisdictional approach

Cattle products

Type of engagement

Supporter: Implement activities to support at least one goal

Funder: Provides full or partial financial support

Description of engagement

In the project, Suzano's role consists of transferring resources to SOSMA and local environmental NGOs and in the dissemination of good conservation, recovery, and sustainable use practices of the Atlantic Forest biome to encourage municipalities to structure public policies. This project is in line with the organization's environmental strategy, which seeks to "identify, create and develop best practices to contribute to the management of the business and environmental assets, generating value for the company and society, aiming at a sustainable future".

Goals supported by engagement

Local government policy development aligned with landscape goals

Increased protected areas

Landscape conservation

Landscape restoration

Company actions supporting approach

Collaborate on land use change monitoring in the landscape/jurisdiction

Support land use planning in the landscape/jurisdiction

Financially support multi-stakeholder entity leading the initiative

Implementation partner(s)

Suzano, in partnership with the SOS Mata Atlântica Foundation (SOSMA) and with the support of IBÁ – (Brazilian Tree Industry), launched the “Planos da Mata” project, which aims to strengthen the governance of 35 priority municipalities (located in states of Bahia, Minas Gerais, Espírito Santo and São Paulo) in which Suzano operates to protect the Atlantic Forest biome – coupled with economic and social development – via the elaboration of the “PMMA's” (Municipal Plans of the Atlantic Forest).

Engagement start year

2,020

Engagement end year

Please specify

2022

Total investment over the project period (currency)

1,205,000

Details of your investment

In the project, Suzano's role consists of transferring resources to SOSMA and local environmental NGOs and in the dissemination of good conservation, recovery, and sustainable use practices of the Atlantic Forest biome to encourage municipalities to structure public policies

Type of assessment framework

Specific initiative defined framework

Is progress monitored and publicly reported on?

Yes, progress is monitored but not publicly reported on

State the achievements of your engagement so far, and how progress is monitored

The project was planned to take place in four phases: Phase I – Structuring and process; Phase II – Training and selection process for NGOs; Phase III – Implementation of PMMA Processes in Municipalities; Phase IV – Public monitoring of the process. In 2021, we finished Phase I and started Phase II of the project. The progress of the project's actions can be followed by the link <https://pmma.etc.br/planos-da-mata/>

F6.11

(F6.11) Do you participate in any other external activities and/or initiatives to promote the implementation of your forests-related policies and commitments?

Forest risk commodity

Timber products

Do you participate in activities/initiatives?

Yes

Activities

Involved in multi-partnership or stakeholder initiatives

Country/Area

Brazil

Subnational area

Please specify

States of São Paulo, Mato Grosso do Sul, Maranhão, Pará, Tocantins, Bahia, Minas Gerais and Espírito Santo

Initiatives

UN Global Compact
Forest Stewardship Council (FSC)
Programme for the Endorsement of Forest Certification (PEFC)

Please explain

Suzano strategy, management and decision-making are guided towards sustainable development. Suzano is an active member of FSC and PEFC, multi-stakeholder initiatives international widely recognized, that attest the responsible development of forest products, respecting the environmental, social and economic aspects of the region. In these cases, the company is audited annually, based on pre-established and public environmental, social and economic performance standards. In addition, in 2021, Suzano's Private Natural Heritage Reserve, Parque das Neblinas, received the FSC ecosystem services certification, expressing the commitment to the conservation of natural ecosystems and the alignment with the company's strategy of becoming a regenerative company, responsible for a net positive socio-environmental impact. For Suzano, participation in external initiatives reinforces sustainability governance and helps to establish goals and action plans for sustainable development. Therefore, Suzano has been a signatory to the UN Global Compact since 2003 (<https://www.unglobalcompact.org/what-is-gc/participants/8921-Suzano-S-A>), aligning the definition and development of sustainable long-term goals with the goals of sustainable development (SDGs). In this sense, in 2021, Suzano announced its long-term biodiversity goal "Connect half a million hectares of priority areas for the conservation of biodiversity in the Cerrado (Brazilian Savannah), Atlantic Forest and Amazon" (<https://www.suzano.com.br/suzano-anuncia-meta-de-longo-prazo-para-conservacao-da-biodiversidade/>), related to SDG 15 - Life on Land.

F6.12

(F6.12) Is your organization supporting or implementing project(s) focused on ecosystem restoration and protection?

Yes

F6.12a

(F6.12a) Provide details on your project(s), including the extent, duration, and monitoring frequency. Please specify any measured outcome(s).

Project reference

Project 1

Project type

Forest ecosystem restoration

Primary motivation

Required by regulation

Description of project

"Due to the high cost for creating and maintaining protected natural spaces, these initiatives are almost always promoted by the state. However, most of the world's land, and its biodiversity, is on private property. Thus, private sector engagement in establishing protected areas, restoring degraded habitats and protecting natural areas plays a significant role in global efforts to increase conserved surface area. Suzano's protected areas were established and are managed in accordance with the Brazilian Forestry Code (Law 12.651 / 2012), which requires the restoration of protected areas of the properties that possess Permanent Preservation (APPs) and Legal Reserve (RLs) areas. In order to attend legal requirements and its certifications and voluntary commitments, Suzano launched in 2010 the Ecological Restoration Program. The program operates in three of the six Brazilian biomes (Amazon, Cerrado and Atlantic Forest). With more than 1 million hectares of conservation areas, Suzano in almost a decade, planted more than 11 million native seedlings, starting the restoration process in more than 35 thousand hectares of these areas. Together with a network of strategic partners, which includes NGOs (for example, WWF, TNC, WRI), academia (for example, UNESP and USP-ESALQ), financial institutions, customers and neighboring communities, the program has innovated in technology and restoration methodologies, seeking to improve efficiency, reduce environmental impacts, generate job opportunities and share knowledge to create specific habitat restoration methodologies for each of the performed biomes. Suzano understands that ecological restoration is a commitment and a responsibility in the regions where it operates. Currently, it is responsible for one of the largest private ecological restoration programs in the country, which operates mainly in areas degraded by pasture use of cattle grazing, making up the company's current conservation areas (in the categories of Permanent Preservation and Reserve Areas Determined by the Brazilian Forest Code). Thus, the program has contributed to the increase of forestry and native reforestation in Brazil, for the conservation of habitats, including their biodiversity and watersheds, as well as the adaptive capacity of these environments to climate change.

<https://sustainabledevelopment.un.org/partnership/?p=30660>

"

Start year

2010

Target year

2031-2035

Project area to date (Hectares)

35,090

Project area in the target year (Hectares)

81,279

Country/Area

Brazil

Latitude

-19.08

Longitude

-39.99

Monitoring frequency

Annually

Measured outcomes to date

Biodiversity

Carbon sequestration

Other, please specify

operational monitoring; from the fifth year: ecological monitoring. Indicators: Canopy cover, density and richness of adult and regenerating native trees and shrubs, density of exotic trees, number of jobs

Please explain

The Suzano's environmental restoration model was considered by the UN to be one of the 15 most transformative projects in Brazil in terms of economic, social, and environmental sustainability worldwide. The selection was made by specialists in sustainable development from the Economic Commission for Latin America and the Caribbean (ECLAC), linked to the UN, among other institutions (Big Push for Sustainability (<https://sustainabledevelopment.un.org/partnership/?p=30660>)). Suzano's Environmental Restoration Program was also recognized as best practice in line with UN's Sustainable Development Goals (SDGs) and became part of the select publication Inspiring Examples to Drive Change, which contains 16 success stories from around the world (<https://sdgs.un.org/events/good-practices-sdg-implementation-inspiring-examples-drive-change-24999>). Currently, the areas under restoration maintained by the company total 35,090 hectares, with 11.21 million seedlings planted in different areas, among other techniques such as conducting natural regeneration; Exotic / invasive control; Isolation. The program aims to restore the ecological processes responsible for the formation of a functional and sustainable forest. These actions are predominantly applied in the Permanent Preserves and Legal Protection Areas in order to comply with the legislation. After carrying out the key activities in the "to be restored" areas, the status of the areas turns into "in the process of being restored" and are subject to the monitoring and maintenance process, which in average has an annually frequency. The maintenance package includes covering fertilization, crowning, ant control, replanting, eliminating weeds, among others. Therefore, the Suzano's habitat restoration program activities so far has been recovering natural ecosystems and the formation of wildlife corridors, which preserves Biodiversity of those native areas. The program has also benefited climate change mitigation by saving 295.611,50 metric tons CO₂e during 2021 (considering 35,090 hectares under restoration). For the future, it is

estimated that after 30 years, Suzano's areas under restoration will contribute to the removal of approximately 8 million tCO₂e (~236,52 TonCO₂e / ha) from the atmosphere. With a perspective of increase, as the company will continue the initiative in other areas under its management.

Project reference

Project 2

Project type

Agroforestry

Primary motivation

Voluntary

Description of project

Conducted since 2017 by Suzano, the project called Nascentes do Mucuri (Mucuri Springs) encourages the protection of the springs of the Mucuri River and its surroundings, thereby promoting the perpetuity of this water resource so valuable for maintaining the ecosystem services in the region, which even has remnants of the Atlantic Rainforest, one of the most diverse biomes on the planet. The river originates in the northeast region of the state of Minas Gerais and discharges in the South of the state of Bahia, extending for 446 kilometers in an area of approximately 15,400 square kilometers and a population of 537,000. The project promotes environmental education and training of local producers to consolidate a culture of preservation in the region. We believe that the recovery of degraded areas for greater water security is only possible if the planning takes into account both natural and productive areas. Therefore, Nascentes do Mucuri's methodology is to promote the agroecological transition in existing agricultural and livestock farming in the region, promoting greater autonomy for farming families and encouraging them to preserve their natural areas and water springs. In 2021, we provide technical assistance to 150 families through Agroecological Transition Plan, a methodology of Suzano's Rural Land Development Program (PDRT - Programa de Desenvolvimento Rural Territorial), a consolidated practice in several regions of the country. With this methodology, we believe we can generate greater economic, food and environmental security in properties in the Northeast situated in the state of Minas Gerais, where the Mucuri River basin is located.

Start year

2017

Target year

Indefinitely

Project area to date (Hectares)

270

Project area in the target year (Hectares)

2,500

Country/Area

Brazil

Latitude

-20.5768

Longitude

-80.58236

Monitoring frequency

Six-monthly or more frequently

Measured outcomes to date

Soil

Water

Financial

Please explain

"The monitoring of areas that are in the process of restoration is carried out every six months in order to assess whether natural regeneration is taking place or whether any intervention will be necessary, such as direct planting, enrichment planting, among other possible methodologies.

The results reached up to now were: 1,510 properties visited; 490 springs under restoration; more than 35,000 seedlings planted; more than 17,000 people engaged; 4,639 hours dedicated to social and environmental education.

The people which have already participated in the events held by the project, as well as people who have already been informed about the project is considered as people engaged. Financial controls are also carried out, where the monthly disbursement with the project's actions is monitored. In 2020, a study was carried, applying modeling, which considered the areas (in hectares) in which the project intends to operate, with Environmental Restoration / Conservation initiatives, as well as in productive areas of rural properties using sustainable management techniques. The projection estimated the potential of water infiltration increase into the soil, as well as the loss of soil avoided in the Mucuri river basin.

"

F7. Verification

F7.1

(F7.1) Do you verify any forests information reported in your CDP disclosure?

Yes

F7.1a

(F7.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module

F6. Implementation

Data points verified

Systems in place to control, monitor or verify compliance with regulation and commitments

Verification standard

ISAE 3000

Please explain

According to the statement issued by Bureau Veritas regarding the independent verification of Suzano's 2021 Sustainability Report, the following activities were contemplated in the verification process:

1. Interviews with those responsible for material issues and the content of the Report;
2. Remote audits in the main office in São Paulo - SP and the following operational units: Jacareí - SP; Aracruz - ES and Imperatriz - MA;
3. Analysis of documentary evidence provided by Suzano for the period covered by the Report (2021);
4. Evaluation of the systems used to compile data;
5. Analysis of engagement activities with investigated parties (stakeholders) developed by Suzano;
6. Evaluation of the system used to determine the aspects included in the Report, considering the context of sustainability and scope of the published information.

F8. Barriers and challenges

F8.1

(F8.1) Describe the key barriers or challenges to eliminating deforestation and/or conversion of other natural ecosystems from your direct operations or from other parts of your value chain.

Forest risk commodity

Timber products

Coverage

Direct operations

Supply chain

Primary barrier/challenge type

Other, please specify

Legislation Complexity

Comment

Brazilian environmental legislation applicable to forestry and to industrial operations is complex because it encompasses federal, state and municipal regulations, which involve different requirements and restrictions for each location where the company operates. As such, the Company may be obligated, among other requirements, to obtain specific permits issued by governmental authorities. The requirements contained in these permits can increase the operating costs in order to limit or adjust effects or potential effects on the environment or the health of the Company. On the civil side, entities that are proven to have contributed to the harm can be held liable for its remediation, which could result in substantial costs for the Company. As a consequence, when the Company engages third parties to act in connection with its operations, such as final disposal of waste, it can be held liable for eventual environmental damage caused by these third parties. Administrative infractions can result in substantial fines, suspension of operations, suspension of operating permits and imposition of restricted rights (such as barring entering into contracts with public entities, credit restriction, among other), in addition to criminal penalties for the Company. Failure to fulfill these laws, rules and authorizations also can result in the loss of certifications of forestry managements—Forest Stewardship Council® (FSC®) and Cerflor/Program for the Endorsement of Forest Certification (PEFC), resulting in restrictions on the export of cellulose. In addition, environmental laws and regulations in certain countries may be more stringent than the ones we are subject to in Brazil, which may lead to such countries imposing trade related sanctions against Brazil or our industry. Furthermore, our limited ability to comply with more stringent foreign environmental laws and regulations may prevent us from seeking lower financing cost from foreign governmental related or multilateral development organizations, which may condition future financing on our compliance with more stringent environmental laws and regulations.

Forest risk commodity

Timber products

Coverage

Other parts of the value chain

Primary barrier/challenge type

Lack of regulatory control and enforcement from local governments

Comment

The Brazilian Forest Code (Law No. 12,651 / 2012) presents the concept of areas of permanent preservation (APP) and legal reserve (RL), defining cases in which the

suppression is acceptable and the minimum area that must be conserved on properties for each biome. Besides, the Law No. 11,428, of December 22, 2006, known as the Atlantic Forest Law, prohibits the conversion of areas with native vegetation primary care, except in cases of public interest, scientific research and preservation. Areas with secondary native vegetation in stages of medium and advanced regeneration can only be converted into circumstances special. When suppression is permitted, the person responsible must compensate for damage through the reforestation of an area of the same size, in the same biome, with the same ecological characteristics and in the same hydrographic basin. The regulation and prohibition of conversion, however, do not impede illegal conversion activities from taking place, as can be seen in data disclosed in the biome deforestation reports in 2019. Organizations such as SOS Mata Atlântica and INPE help by generating information for the public authorities' inspection. The bodies responsible for the inspection and applying of penalties are Ibama, in the federal level, and the State and Municipal environmental bodies, in the State and Municipal levels respectively. Due to the country's extensive territory and the lack of resources by responsible bodies, as well as difficulties such as threats and violence associated to illegal logging in the Legal Amazon (as stated in the report Blood-Stained Timber, by Green Peace), the government has been unable to cease illegal activities. As shown by several reports on deforestation, illegal conversions are still a systematic and widespread problem. It is important to note that Suzano does not run this risk, as it has mechanisms (as mentioned in previous questions) to stop the conversion of native forests. However, this is still a sad and catastrophic Brazilian reality that reveals the inefficiency of environmental agencies in curbing and penalizing illegal cutting. This reality means that the company cannot count on the public authorities and, in itself, controls these requirements in order not to contract illegal timber.

F8.2

(F8.2) Describe the main measures that would improve your organization's ability to manage its exposure to deforestation and/or conversion of other natural ecosystems.

Forest risk commodity

Timber products

Coverage

Supply chain

Main measure

Greater supplier awareness/engagement

Comment

In order to process wood from partnerships and purchased from markets that are from Controlled Wood areas, Suzano evaluates the wood using the Standard for Controlled Wood, FSC-STD-40-005 and National Risk Assessment approved for Brazil (NRA-BRA-V1) ensuring that: complies with all applicable legislation.

Forest risk commodity

Timber products

Coverage

Direct operations

Supply chain

Main measure

Increased knowledge on commodity driven deforestation and forest degradation

Comment

All of our wood comes from tree plantations rather than from native forests. Since the 1980s, we have been harvesting eucalyptus through uniform propagated seedlings from carefully selected trees, planted in already degraded pasture lands, which is assured by our forest management certifications. The characteristics of the seedlings we select are matched to different regions. This method allows us to (1) greatly increase forestry productivity, reducing the demand for new lands, (2) comply with environmental regulations, and (3) contribute to carbon reduction in the atmosphere. Pursuant to the Brazilian Forestry Code (Federal Law No. 12,727/ 2012), we are required to set aside a minimum percentage of our areas for preservation, conservation and environmental recovery. The Company is located in the Atlantic Rain Forest, Cerrado and Amazon and maintains approximately one million hectares of our forest base for conservation purposes. These areas consist of either natural forests, riparian buffer zones, or natural vegetation with specific ecological characteristics. Furthermore, we maintain a restoration program to recover degraded areas and endangered flora species. We also invest in environmental studies and continuous monitoring, together with national and international universities, research centers, specialized consultants and NGOs, in order to assure the environmental performance of our plantations and ensure the conservation of ecosystems and the availability of natural resources where we operate. This is done by imposing conservation and improvement measures in the forestry activities plans considering the area environmental conditions. We are also member of important associations and multistakeholder platforms that discuss issues related to deforestation and forest degradation, such as the Brazilian Tree Industry, The Brazilian Forest Dialogue and the Brazil Climate, Forest and Agriculture Coalition, that dialogue with the different governmental spheres, trying to propose evolution in public policies and regulations in Brazil. We are signatories of important pacts for the restoration of ecosystems, like Pacto pela Restauração da Mata Atlântica (Atlantic Forest Restoration Pact) and Aliança pela Restauração da Amazônia (Alliance for the Restoration of the Amazon), where we reinforce our commitment to the recovery of degraded ecosystems

Forest risk commodity

Timber products

Coverage

Direct operations
Supply chain

Main measure

Greater enforcement of regulations

Comment

Suzano is an absolutely transparent and legalistic company. By doing so, it only operates in areas that have the authorization of the environmental agencies. Suzano maintains an open channel of communication with representatives of the environmental agencies at federal, state and municipal levels, sending reports and all relevant information whenever is requested. By conducting prior environmental studies required by environmental agencies in accordance with its terms of reference, Suzano offers to these entities consistent studies, which assists its technical decision and assessment, facilitating its internal process. Besides, in order to protects its properties Suzano constantly monitore its areas and when identify irregular activities such as illegal hunting and fishing, wood theft, among others, inform the relevant bodies, collaborating with its environmental the inspection.

F17 Signoff

F-FI

(F-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

F17.1

(F17.1) Provide the following information for the person that has signed off (approved) your CDP forests response.

	Job Title	Corresponding job category
Row 1	Chief Financial Officer	Chief Financial Officer (CFO)

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I understand that my response will be shared with all requesting stakeholders	Response permission
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