Bunge Limited (www.bunge.com, NYSE: BG) is a leading global agribusiness and food company operating in over 40 countries with approximately 24,000 employees. The decrease in the number of employees is primarily related to the formation of the BP Bunge Bioenergia joint venture in December 2019, to which we contributed our Brazilian sugar and bioenergy operations.

Bunge buys, sells, stores and transports oilseeds and grains to serve customers worldwide; processes oilseeds to make protein meal for animal feed and edible oil products for commercial customers and consumers; mills wheat, corn and rice to make ingredients used by food companies; and sells fertilizer in South America. The company is now headquartered in St. Louis, Missouri, and celebrated its 200th anniversary in 2018.

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

<table>
<thead>
<tr>
<th>Reporting year</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1 2019</td>
<td>December 31 2019</td>
<td></td>
</tr>
</tbody>
</table>

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

USD

(F0.4) Select the forest risk commodity(ies) that you are, or are not, disclosing on. For each forest risk commodity selected, identify the stages of the supply chain which best represents your organization’s area of operation.

<table>
<thead>
<tr>
<th>Commodity disclosure</th>
<th>Stage of the value chain</th>
<th>Explanation if not disclosing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Cattle products</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>Processing Manufacturing</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

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

No

F1. Current state

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

Palm oil

Activity
Refining & processing
Exporting/trading

Form of commodity
Crude palm oil (CPO)
Crude palm kernel oil (CPKO)
Refined palm oil
Palm biodiesel

Source
Trader/broker/commodity market

Country/Area of origin
Brazil
Cambodia
Colombia
Costa Rica
Côte d'Ivoire
Guatemala
Honduras
India
Indonesia
Malaysia
Mexico
Panama
Thailand

% of procurement spend
1-5%

Comment
Figure includes the operations run by subsidiary Bunge Loders Croklaan.

Soy

Activity
Crushing
Refining & processing
Refining & fractionation
Exporting/trading

Form of commodity
Whole soy beans
Soy bean oil
Soy bean meal
Soy derivatives
Soy biodiesel

Source
Smallholders
Multiple contracted producers
Trader/broker/commodity market

Country/Area of origin
Argentina
Brazil
Canada
France
Paraguay
Spain
Ukraine
United States of America

% of procurement spend
61-70%

Comment
Our Agribusiness segment is an integrated, global business involved in the purchase, storage, transport, processing and sale of agricultural commodities and commodity products while managing risk across various product lines. The principal agricultural commodities that we handle in this segment are oilseeds, primarily soybeans, rapeseed, canola and sunflower seed, and grains, primarily wheat and corn. We process oilseeds into vegetable oils and protein meals, principally for the food, animal feed and biodiesel industries, through a global network of facilities.
(F1.2) Indicate the percentage of your organization’s revenue that was dependent on your disclosed forest risk commodity(ies) in the reporting year.

<table>
<thead>
<tr>
<th>% of revenue dependent on commodity</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>1-5%</td>
</tr>
<tr>
<td>Palm products and its derivatives have a higher importance to Bunge than they had in the past due to the acquisition of Loders Croklaan. This is the first year this is being reported jointly.</td>
<td></td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>&gt;51-60%</td>
</tr>
<tr>
<td>Soy is the major commodity that we operate globally. Soy and its derivatives represent around 80% of total revenue.</td>
<td></td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Rubber and its derivatives</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

(F1.5)

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

<table>
<thead>
<tr>
<th>Data availability/Disclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
</tr>
<tr>
<td>Palm oil</td>
</tr>
<tr>
<td>Cattle products</td>
</tr>
<tr>
<td>Soy</td>
</tr>
<tr>
<td>Other - Rubber</td>
</tr>
<tr>
<td>Other - Rubber</td>
</tr>
<tr>
<td>Other - Cocoa</td>
</tr>
<tr>
<td>Other - Coffee</td>
</tr>
</tbody>
</table>

(F1.5a) Disclose your production and/or consumption data.

**Forest risk commodity**

**Palm oil**

**Data type**

Consumption data

**Volume**

11000000

**Metric**

Metric tons

**Data coverage**

Full commodity production/consumption

**Please explain**

<Not Applicable>

**Forest risk commodity**

**Soy**

**Data type**

Consumption data

**Volume**

17000000

**Metric**

Metric tons

**Data coverage**

Partial commodity production/consumption

**Please explain**

Figure refers to global crush capacity and not production under deforestation risk.
(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**
- Soy

**Country/Area of origin**
- Argentina

**State or equivalent jurisdiction**
Specify state/equivalent jurisdiction (Salta, Chaco, Tucuman)

**% of total production/consumption volume**
- 10

**Please explain**
Soy originations from multiple regions in Argentina. Salta, Tucuman and Chaco are important to be considered for soy expansion in that country. Due to commercial sensitivity of confidential information, with competitiveness implications, percentages of sourcing from each of Argentinian provinces are not disclosed. Through our non-deforestation policy and our disclosure, we are monitoring 100% of our direct sourcing volumes in those regions. For more information visit https://www.bunge.com/sustainability/non-deforestation

---

**Forest risk commodity**
- Soy

**Country/Area of origin**
- Brazil

**State or equivalent jurisdiction**
Specify state/equivalent jurisdiction (Cerrado biome)

**% of total production/consumption volume**
- 37

**Please explain**
Bunge operates in all producing states of Brazil. Regions facing higher risk of deforestation are monitored as stated within our non-deforestation policy, and we are already reaching 91% of direct sourcing in these regions. Due to commercial sensitivity of information, with competitiveness implications, percentage of sourcing from each of Brazilian states is not disclosed. The company provides traceability information that may reach to the farm level directly to customers, under confidentiality agreement and commercial services contracted. Currently, 37% of Brazilian beans in Brazil are sourced from Cerrado Biome. Sourcing from other Brazilian biomes are not subject to deforestation, due to ancient agriculture (South of the country) or sectorial commitments in place (Amazon Moratorium). More information public available can be found at https://www.bunge.com/soft-commodities-forum

---

**Forest risk commodity**
- Soy

**Country/Area of origin**
- Paraguay

**State or equivalent jurisdiction**
Specify state/equivalent jurisdiction (Atlantic Biome region)

**% of total production/consumption volume**
- 100

**Please explain**
The company does not source beans from the Paraguayan Chaco and all the volume sourced in the country is subject to the governmental moratorium.

---

**Forest risk commodity**
- Soy

**Country/Area of origin**
- Any other countries/areas

**State or equivalent jurisdiction**
<Not Applicable>

**% of total production/consumption volume**
- 100

**Please explain**
Company originates soy from areas not related to deforestation, such as the U.S.A., Canada and Ukraine.

---

**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**: Soy
- **Impact driver type**: Reputational and markets
- **Primary impact driver**: Shifts in consumer preference
- **Primary impact**: Constraint to growth

**Description of impact**
Implementation of Soybean Moratorium in the Amazon Biome due to customers concern. Although this is a historical event (2006) it limited the growth of crops in the Biome.

**Primary response**
Establishment of new no-deforestation/no-conversion commitments

**Total financial impact**
1000

**Description of response**
The Amazon Soy Moratorium did not represent significant loss due to the non expansion of local market, thus local operations remained as they were.

---

**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.

**Palm oil**

Value chain stage  
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?  
1 to 3 years

Tools and methods used  
- Internal company methods  
- External consultants  
- Global Forest Watch Pro  
- National specific tools and databases

**Please explain**  
Bunge applies multiple tools to assess risks related to deforestation in palm, and such assessments support the company strategy and implementation plans. The results of these are disclosed periodically as well as major projects and traceability data. More info at [http://northamerica.bungeloders.com/taking-responsibility/palm-oil-dashboard/](http://northamerica.bungeloders.com/taking-responsibility/palm-oil-dashboard/)

**Soy**

Value chain stage  
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?  
1 to 3 years

Tools and methods used  
- Internal company methods  
- External consultants  
- Global Forest Watch Pro  
- National specific tools and databases

**Please explain**  
The company assesses risks related to deforestation in its supply chain and discloses results periodically to its stakeholders. The company also engages in multiple platforms and forums and has implemented a traceability model to monitor suppliers in zones facing higher risk of deforestation. More info at [https://www.bunge.com/sustainability/non-deforestation](https://www.bunge.com/sustainability/non-deforestation)

---

(F2.1b) Which of the following issues are considered in your organization's forests-related risk assessment(s)?

**Availability of forest risk commodities**

Relevance & inclusion  
Relevant, always included

**Please explain**  
The company has mapped areas under risk of deforestation and checks the availability of deforestation-free commodities in its supply chain.

**Quality of forest risk commodities**

Relevance & inclusion  
Relevant, always included

**Please explain**  
The company analyzes availability of commodities purchased based on quality standards.

**Impact of activity on the status of ecosystems and habitats**

Relevance & inclusion  
Relevant, always included

**Please explain**  
Ecosystems and habitats under possible impact are considered by the company when developing its risk assessment in the operations.
Regulation
Relevance & inclusion
Relevant, always included

Please explain
Regulations are considered. Bunge includes legal checks and contract assurances in relevant areas.

Climate change
Relevance & inclusion
Relevant, always included

Please explain
Adverse weather conditions have historically caused crop failures or significantly reduced harvests, resulting in supply and price volatility that can impact our operating results. The company manages risk to climate through diversification of supply, research and analysis, and direct engagement on the ground with producers.

Impact on water security
Relevance & inclusion
Not relevant, included

Please explain
The potential physical impacts of climate change are uncertain and may vary by region. These potential effects could include changes in rainfall patterns, water shortages, changing sea levels, changing storm patterns and intensities, and changing temperature levels that could adversely impact our costs and business operations, the location, costs and competitiveness of global agricultural commodity production and related storage and processing facilities and the supply and demand for agricultural commodities. These effects could be material to our results of operations, liquidity or capital resources. It is known that deforestation could affect the climate and, thus, impact on water security. The company has a non deforestation policy in place and is monitoring its supply chain where deforestation could happen. The intention is to diminish its occurrence and become deforestation-free by 2025.

Tariffs or price increases
Relevance & inclusion
Not relevant, explanation provided

Please explain
Tariffs in agriculture are not related to deforestation. From time to time depending on market conditions, increases in prices for, among other things, food, fuel and crop inputs, such as fertilizers, may become the subject of significant discussion by governmental bodies and the public throughout the world. In some countries, this has led to the imposition of policies such as price controls, tariffs and export restrictions on agricultural commodities. Although potentially material, there is no tariff and price increase due to deforestation risk.

Loss of markets
Relevance & inclusion
Relevant, always included

Please explain
Although it has not caused impacts to date, loss of market or "license to operate" due to deforestation concerns among stakeholders is considered in Bunge's commercial decisions and strategic planning.

Brand damage related to forest risk commodities
Relevance & inclusion
Relevant, always included

Please explain
Corporate reputation, and the potential impact on customer and stakeholder relations, is carefully considered. Bunge’s policies, transparency and disclosure represent proactive steps to manage any potential risks.

Corruption
Relevance & inclusion
Not relevant, included

Please explain

Social impacts
Relevance & inclusion
Relevant, always included

Please explain
Bunge has a strong presence in developing economies and regions. It applies a transparent, shared value approach in these areas, and has multiple initiatives in place to support positive social impact, in addition to the inherent economic benefits of our operations. More info available at https://www.bunge.com/sustainability/partnerships-and-projects.

Other, please specify
Relevance & inclusion
Please select

Please explain
(F2.1c) Which of the following stakeholders are considered in your organization's forests-related risk assessments?

Customers
Relevance & inclusion
Relevant, always included

Please explain
Bunge considers the demands and specifications of its customers when assessing forest-related risks in its supply. The company has developed a self-certification scheme for soy and also certifies soy and palm products according to customer demand.

Employees
Relevance & inclusion
Relevant, always included

Please explain
Bunge posts relevant policies publicly and in employee policy manuals. Policy training, awareness activities and other outreach are conducted regularly. Teams must serve as communication channels with suppliers and customers.

Investors
Relevance & inclusion
Relevant, always included

Please explain
As a public company, investor demands are considered carefully. The company considers investor input as material, and engages with investors on the topic of deforestation both proactively and responsively.

Local communities
Relevance & inclusion
Relevant, not included

Please explain
The company considers that, in some geographies, local communities might be impacted due to land use change. The company has clear policies regarding land and human rights and engages its supply chain to ensure compliance and respect for local communities.

NGOs
Relevance & inclusion
Relevant, always included

Please explain
NGOs can be good partners to fight deforestation in the supply chain. Where material, we engage in projects with NGOs to create solutions. We also engage with local communities, growers and governments. Bunge maintains active engagement and communication with campaigning and critical NGOs as well, to ensure we understand multiple perspectives and to help inform outside stakeholders about industry facts.

Other forest risk commodity users/ producers at a local level
Relevance & inclusion
Relevant, always included

Please explain
The company has always promoted an open dialogue with farmers and works with them at a local level. We engage with farmers to help them with legal compliance, promote best practices and to meet market demands that require voluntary commitment.

Regulators
Relevance & inclusion
Relevant, always included

Please explain
We are subject to a variety of laws in each of the countries in which we operate which govern various aspects of our business, including the processing, handling, storage, transport and sale of our products; risk management activities; land-use and ownership of land, including laws regulating the acquisition or leasing of rural properties by certain entities and individuals.

Suppliers
Relevance & inclusion
Relevant, always included

Please explain
We incorporate a commitment to sustainability into many of the areas of our business; from how we plan and develop our strategic goals and operate our facilities, to how we do business with our suppliers and customers and engage with our communities.

Other stakeholders, please specify

Please explain

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

<table>
<thead>
<tr>
<th>Forest risk commodity</th>
<th>Risk identified?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Yes</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

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

The substantive impact is one that relates to potential loss of customer demand for our products or the ability to source products at volumes sufficient to meet demand.

(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**
- **Palm oil**

**Type of risk**
- Physical

**Geographical scale**
- State or equivalent

**Where in your value chain does the risk driver occur?**
- Supply chain

**Primary risk driver**
- Increased ecosystem vulnerability

**Primary potential impact**
- Supply chain disruption

**Company-specific description**
- Palm originated in areas under severe impact on endangered ecosystems are subject to discontinuity in sourcing.

**Timeframe**
- 1-3 years

**Magnitude of potential impact**
- Low

**Likelihood**
- About as likely as not

**Are you able to provide a potential financial impact figure?**
- Yes, an estimated range

**Potential financial impact (currency)**
- <Not Applicable>

**Potential financial impact figure - minimum (currency)**
- 10000

**Potential financial impact figure - maximum (currency)**
- 200000

**Explanation of financial**
- Supply from such areas could be ineligible for sourcing in accordance with Bunge's policy. We are not dependent on specific areas for our palm supply.

**Primary response to risk**
- Avoidance of sourcing from high-deforestation risk jurisdictions

**Description of response**
- Bunge maintains high traceability levels, and monitors risky areas.

**Cost of response**
- 100000

**Explanation of cost of response**
- It refers to approximate monitoring costs to avoid development of suppliers in risky areas.
Soy

**Type of risk**
Reputational and markets

**Geographical scale**
Farm

**Where in your value chain does the risk driver occur?**
Direct operation
Supply chain

**Primary risk driver**
Increased stakeholder concern or negative stakeholder feedback

**Primary potential impact**
Constraint to growth

**Company-specific description**
As the company sources from a multitude of farmers and third parties, there is the risk that some of them could engage in deforestation practices. Scrutiny or adverse reaction from customers or stakeholders could result in reduced demand for our products.

**Timeframe**
1-3 years

**Magnitude of potential impact**
Low

**Likelihood**
About as likely as not

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact (currency)**
<Not Applicable>

**Potential financial impact figure - minimum (currency)**
20000

**Potential financial impact figure - maximum (currency)**
100000

**Explanation of financial**
Due to the diversity of our supply chain, figures related to loss of net income due to specific farmers are not relevant.

**Primary response to risk**
Greater traceability of forest-risk commodities

**Description of response**
The company has increased traceability activities in areas subject to risks related to deforestation and maps non-compliance.

**Cost of response**
70000

**Explanation of cost of response**
Cost is approximate and is related to monitoring and engagement activities in place by Bunge.

---

**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?

<table>
<thead>
<tr>
<th>Product</th>
<th>Have you identified opportunities?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Yes</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

---

**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**
- Palm oil

**Type of opportunity**
- Products & services

**Where in your value chain does the opportunity occur?**
- Supply chain

**Primary forests-related opportunity**
- Increased security of production

**Company-specific description & strategy to realize opportunity**
Capture value in the market due to certification demanded by customers.

**Estimated timeframe for realization**
- Current - up to 1 year

**Magnitude of potential impact**
- Low

**Likelihood**
- Virtually certain

**Are you able to provide a potential financial impact figure?**
- Yes, a single figure estimate

**Potential financial impact figure (currency)**
- 1000000

**Potential financial impact figure – minimum (currency)**
- <Not Applicable>

**Potential financial impact figure – maximum (currency)**
- <Not Applicable>

**Explanation of financial impact figure**
Figures are approximate. Refers to differential due to certification of palm products.

---

**Forest risk commodity**
- Soy

**Type of opportunity**
- Products & services

**Where in your value chain does the opportunity occur?**
- Supply chain

**Primary forests-related opportunity**
- Increased brand value

**Company-specific description & strategy to realize opportunity**
Delivery of soybeans certified for biofuel purposes into the European Market (EU Directive) and other markets

**Estimated timeframe for realization**
- Current - up to 1 year

**Magnitude of potential impact**
- Medium

**Likelihood**
- Virtually certain

**Are you able to provide a potential financial impact figure?**
- Yes, a single figure estimate

**Potential financial impact figure (currency)**
- 3000000

**Potential financial impact figure – minimum (currency)**
- <Not Applicable>

**Potential financial impact figure – maximum (currency)**
- <Not Applicable>

**Explanation of financial impact figure**
Soybeans being sold to biofuel market is a very important segment in soybean industry and already represents an important share of the soybean oil market, globally. There are several certification schemes in place and, as the commodity is primarily and mostly not associated with new deforestation, the majority of soybean originated globally is certifiable. The company also implements unique governance systems to provide verifiable beans as a transition to fully certified beans, as customers needs evolve.
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.

<table>
<thead>
<tr>
<th>Position of individual</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director on board</td>
<td>Oversees commitments and strategy for company level compliance with policies and activities</td>
</tr>
<tr>
<td>Board-level committee</td>
<td>Committee at board level dedicated to Sustainability, supporting policies and discussing strategies. Also, following up with policy implementation.</td>
</tr>
<tr>
<td>Chief Executive Officer (CEO)</td>
<td>The company CEO is fully committed and monitors company performance, participating in and sponsoring several activities to fight deforestation and strategies to implement the commitment.</td>
</tr>
</tbody>
</table>

F4.1b

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

<table>
<thead>
<tr>
<th>Frequency that forests-related issues are a scheduled agenda item</th>
<th>Governance mechanisms into which forests-related issues are integrated</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row 1 Scheduled - all meetings</td>
<td>Monitoring implementation and performance</td>
<td>Board members are completely engaged and follow up on deforestation-related issues during governance meeting and reviews.</td>
</tr>
<tr>
<td></td>
<td>Overseeing acquisitions and divestiture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overseeing major capital expenditures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providing employee incentives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewing and guiding business plans</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewing and guiding corporate responsibility strategy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewing and guiding major plans of action</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewing and guiding risk management policies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewing and guiding strategy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Setting performance objectives</td>
<td></td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th>Name of the position(s) and/or committee(s)</th>
<th>Responsibility</th>
<th>Frequency of reporting to the board on forests-related issues</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chief Sustainability Officer (CSO)</td>
<td>Both assessing and managing forests-related risks and opportunities</td>
<td>Quarterly</td>
<td>Updates the Board on sustainability-related matters quarterly.</td>
</tr>
</tbody>
</table>

F4.3

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

<table>
<thead>
<tr>
<th>Provide incentives for management of forests-related issues</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row 1 Yes</td>
<td>The senior leaders in areas related to our non deforestation commitments have the performance of the policies implementation as an indicator for internal evaluation.</td>
</tr>
</tbody>
</table>

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)?

<table>
<thead>
<tr>
<th>Role(s) entitled to incentive?</th>
<th>Performance indicator</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monetary reward</td>
<td>Chief Sustainability Officer (CSO)</td>
<td>Achievement of commitments and targets</td>
</tr>
<tr>
<td>Non-monetary reward</td>
<td>Director on board Chief Executive Officer (CEO)</td>
<td>Achievement of commitments and targets Supply chain engagement</td>
</tr>
</tbody>
</table>
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)

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.

<table>
<thead>
<tr>
<th>Scope</th>
<th>Content</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company-wide</td>
<td>Commitment to eliminate deforestation</td>
<td>Bunge believes all agricultural value chains should be environmentally sustainable and economically beneficial to local communities. Our company is committed to applying policies in its businesses and supply chains that reflect these beliefs, and to collaborating with stakeholders and other value chain participants—from farmers to consouaches to realize them at scale. More info available at <a href="https://www.bunge.com/sustainability/non-deforestation">https://www.bunge.com/sustainability/non-deforestation</a></td>
</tr>
<tr>
<td></td>
<td>Commitment to protect rights and livelihoods of local communities</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Commitments beyond regulatory compliance</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Commitment to transparency</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Commitment to stakeholder awareness and engagement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Commitment to align with the SDGs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recognition of the overall importance of forests and other natural ecosystems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of business dependency on forests</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recognition of potential business impact on forests and other natural habitats</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>List of timebound milestones and targets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of forests-related performance standards for direct operations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of forests-related standards for procurement</td>
<td></td>
</tr>
</tbody>
</table>

F4.5b

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

<table>
<thead>
<tr>
<th>Do you have a commodity specific sustainability policy?</th>
<th>Scope</th>
<th>Content</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Product</td>
<td>Do you have a commodity specific sustainability policy?</td>
<td>Scope</td>
<td>Content</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------------------</td>
<td>-------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes</td>
<td>Company-wide</td>
<td>Commitment to eliminate deforestation Commitment to protect rights and livelihoods of local communities Commitments beyond regulatory compliance Commitment to transparency Commitment to stakeholder awareness and engagement Commitment to align with the SDGs Recognition of the overall importance of forests and other natural ecosystems Description of business dependency on forests Recognition of potential business impact on forests and other natural ecosystems Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy List of timebound commitments and targets Description of forests-related performance standards for direct operations Description of forests-related standards for procurement</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>
### Soy

**Company-wide**

- Commitment to eliminate deforestation
- Commitment to protect rights and livelihoods of local communities
- Commitments beyond regulatory compliance
- Commitment to transparency
- Commitment to stakeholder awareness and engagement
- Commitment to align with the SDGs
- Recognition of the overall importance of forests and other natural ecosystems
- Description of business dependency on forests
- Recognition of potential business impact on forests and other natural ecosystems
- Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy
- List of timebound commitments and targets
- Description of forests-related performance standards for direct operations
- Description of forests-related standards for procurement

Bunge's Grains & Oilseeds Commitment reflects our belief in sustainable value chains for major commodities such as soy, the world's second-most used oil. In particular, we commit to achieve deforestation-free supply worldwide between 2020-2025, considering both direct and indirect sourcing, employing science-based definitions and cutoff dates for deforestation determined by credible multi-stakeholder processes, apply these criteria to our supply chains, in addition to minimum standards of legal compliance, respect human rights and indigenous community rights, and apply free, prior and informed consent for land purchases and use, enhance traceability to farm and transparency overall, ensure respect for legally protected areas, publicly disclose progress on our efforts, engage in open and productive dialogue with stakeholders. We publish bi-annual reports on traceability and impact related out our grains & oilseeds value chain.

<table>
<thead>
<tr>
<th>Other - Rubber</th>
<th>&lt;Not Applicable&gt;</th>
<th>&lt;Not Applicable&gt;</th>
<th>&lt;Not Applicable&gt;</th>
<th>&lt;Not Applicable&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

### Other Commodities

- <Not Applicable>
- <Not Applicable>
- <Not Applicable>

---

**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?

- Soy Moratorium
- Other, please specify (RSPO)
(F4.6b) Provide details on your public commitment(s), including the description of specific criteria, coverage, and actions.

**Forest risk commodity**

**Palm oil**

**Criteria**
- No new development on peat regardless of depth
- Avoidance of negative impacts on threatened and protected species and habitats
- No land clearance by burning or clearcutting
- No conversion of High Conservation Value areas
- No conversion of High Carbon Stock forests
- Secure Free, Prior and Informed Consent (FPIC) of indigenous people and local communities
- Promotion of gender equality and women’s empowerment
- Resolution of complaints and conflicts through an open, transparent and consultative process
- Facilitate the inclusion of smallholders into the supply chain
- No sourcing of illegally produced and/or traded forest risk commodities

**Operational coverage**
Direct operations and supply chain

**% of total production/ consumption covered by commitment**
100%

**Cutoff date**
2017

**Commitment target date**
2017

**Please explain**
Bunge is committed to sustainable sourcing of palm oil. Please read our full policy at www.bunge.com/sustainability. The company is also an active member of RSPO.

**Forest risk commodity**

**Soy**

**Criteria**
- Zero gross deforestation/ no deforestation
- Avoidance of negative impacts on threatened and protected species and habitats
- No land clearance by burning or clearcutting
- Secure Free, Prior and Informed Consent (FPIC) of indigenous people and local communities
- Resolution of complaints and conflicts through an open, transparent and consultative process
- No sourcing of illegally produced and/or traded forest risk commodities

**Operational coverage**
Direct operations and supply chain

**% of total production/ consumption covered by commitment**
100%

**Cutoff date**
Not applicable

**Commitment target date**
2021-25

**Please explain**
Please read about our full commitment regarding Non Deforestation Policy at https://www.bunge.com/sustainability/non-deforestation. Bunge is also a member of the Soybean Moratorium of the Brazilian Amazon, a participant of the Cerrado Working Group, and the Soft Commodities Forum.

---

**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?

<table>
<thead>
<tr>
<th>Are forests-related issues integrated?</th>
<th>Long-term time horizon (years)</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long-term business objectives</td>
<td>Yes, forests-related issues are integrated</td>
<td>5-10</td>
</tr>
<tr>
<td>Strategy for long-term objectives</td>
<td>Yes, forests-related issues are integrated</td>
<td>5-10</td>
</tr>
<tr>
<td>Financial planning</td>
<td>Yes, forests-related issues are integrated</td>
<td>5-10</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Target reference number</th>
<th>Target 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest risk commodity</td>
<td>Palm oil</td>
</tr>
<tr>
<td>Type of target</td>
<td>Traceability</td>
</tr>
<tr>
<td>Description of target</td>
<td>Traceability to direct operations and supply chain, reaching mill level and supporting full monitoring of the supply shed.</td>
</tr>
<tr>
<td>Linked commitment</td>
<td>Zero net/gross deforestation</td>
</tr>
<tr>
<td>Traceability point</td>
<td>Mill</td>
</tr>
<tr>
<td>Third-party certification scheme</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Start year</td>
<td>2015</td>
</tr>
<tr>
<td>Target year</td>
<td>2020</td>
</tr>
<tr>
<td>Quantitative metric</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Target (number)</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Target (%)</td>
<td>100</td>
</tr>
<tr>
<td>% of target achieved</td>
<td>98</td>
</tr>
</tbody>
</table>

Please explain

Our primary and most important goal for palm was getting traceability to mill level and we achieved very important progress getting higher transparency from our supply chain.

<table>
<thead>
<tr>
<th>Target reference number</th>
<th>Target 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest risk commodity</td>
<td>Soy</td>
</tr>
<tr>
<td>Type of target</td>
<td>Traceability</td>
</tr>
<tr>
<td>Description of target</td>
<td>Traceability to direct sourcing farm in areas of South America under risk for deforestation in the Cerrado and Chaco biomes.</td>
</tr>
<tr>
<td>Linked commitment</td>
<td>No conversion of natural ecosystems</td>
</tr>
<tr>
<td>Traceability point</td>
<td>Farm</td>
</tr>
<tr>
<td>Third-party certification scheme</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Start year</td>
<td>2015</td>
</tr>
<tr>
<td>Target year</td>
<td>2025</td>
</tr>
</tbody>
</table>
Our primary goal to enhance traceability is to get full clarity to the farm level in risky zones. The goal was implemented in 2015 as the Non Deforestation policy was announced and, by 2019, already reached 91%. The remaining percentage regards to smaller holders and revolving database that constantly adds other farms into account.

The company is collecting traceability data as per the protocol established under the SCF working group and already has reached roughly 95% during the first half of 2020. The goal is to be delivered by Dec 2020.

Although efforts so far have been focused on direct sourcing, the company already has full traceability to 3rd party elevators (as per previous target established and already accomplished). The goal now is to have 100% of indirect sourcing from risky areas of Cerrado engaged with the policy.
Target (number)
100

Target (%)
<Not Applicable>

% of target achieved
40

Please explain
The plan was established and has already reached 40% of the origination from 3rd parties. Going forward the engagement will reach a higher number of indirect suppliers with lower volume until target is fully accomplished.

F6.2

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

<table>
<thead>
<tr>
<th>Forest risk commodity</th>
<th>Do you have system(s) in place?</th>
<th>Description of traceability system</th>
<th>Exclusions</th>
<th>Description of exclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes</td>
<td>Traceability system to the mill and traceability to plantation</td>
<td>Not applicable</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Yes</td>
<td>Traceability system to direct sourcing farms and to indirect sourcing elevators in risky areas of South America</td>
<td>Not applicable</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

F6.2a

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

<table>
<thead>
<tr>
<th>Forest risk commodity</th>
<th>Point to which commodity is traceable</th>
<th>% of total production/consumption volume traceable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palm oil</td>
<td>Mill</td>
<td>98</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Plantation</td>
<td>69</td>
</tr>
<tr>
<td>Soy</td>
<td>Farm</td>
<td>95</td>
</tr>
<tr>
<td>Soy</td>
<td>Mill</td>
<td>100</td>
</tr>
</tbody>
</table>

F6.3

(F6.3) Have you adopted any third-party certification scheme(s) for your disclosed commodity(ies)? Indicate the volume and percentage of your certified production and/or consumption.

Forest risk commodity
Palm oil

Third-party certification scheme
RSPO Mass Balance

Certification coverage
Consumption volume

% of total production/consumption volume certified
34

Form of commodity
Crude palm oil (CPO)
Crude palm kernel oil (CPKO)
Refined palm oil
Palm oil derivatives

Volume of production/consumption certified
385000

Metric
Metric tons

Please explain
Palm products are certified by multiple schemes (RSPO class and ISCC) following market demand.

Forest risk commodity
Soy

Third-party certification scheme
<table>
<thead>
<tr>
<th>Commodity</th>
<th>Forest Risk Commodity</th>
<th>Third-party Certification Scheme</th>
<th>Certification Coverage</th>
<th>Form of Commodity</th>
<th>Volume of Production/Consumption Certified</th>
<th>Please Explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy</td>
<td>Palm oil</td>
<td>International Sustainability and Carbon Certification (ISCC)</td>
<td>Consumption volume</td>
<td>Palm biodiesel</td>
<td>77,000 Metric tons</td>
<td>Tonnage used in biofuel industry regulated by the EU RED</td>
</tr>
<tr>
<td>Soy</td>
<td>ProTerra certification</td>
<td>International Sustainability and Carbon Certification (ISCC)</td>
<td>Consumption volume</td>
<td>Whole soy beans</td>
<td>230,000 Metric tons</td>
<td>International Certification of Sustainability and Carbon (ISCC): In Argentina and Paraguay, the ISCC ensures biomass and bioenergy originated from grains. Figures considered as from Argentina (120 thousand mt), while in Paraguay (77 thousand mt).</td>
</tr>
</tbody>
</table>
Please explain
Proterra: seal that establishes a link between production and demand of non-GM products, ensuring its traceability and deforestation free standards. Figures from Brazilian origination.

Forest risk commodity
Soy

Third-party certification scheme
Other, please specify (EU RED RELATED )

Certification coverage
Production volume

% of total production/consumption volume certified
2

Form of commodity
Whole soy beans

Volume of production/consumption certified
1500000

Metric
Metric tons

Please explain
Sum of other standards related to the EU RED, originated in South America.

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?

<table>
<thead>
<tr>
<th>Commodity</th>
<th>A system to control, monitor or verify compliance</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes, we have a system in place for our no conversion and/or deforestation commitments</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Yes, we have a system in place for our no conversion and/or deforestation commitments</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>

F6.4a
(F4.4a) 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**
- Palm oil

**Operational coverage**
- Direct operations
- Supply chain

**Description of control systems**
We monitor our suppliers to assess the progress and compliance with our policy. The policy and the grievance process are well communicated and public. The monitoring considers elements from traceability analysis to mill and to plantation with satellite imagery alerts and analysis by a 3rd party. More information is available at http://northamerica.bungeloders.com/taking-responsibility/

**Monitoring and verification approach**
- Geospatial monitoring tool
- Ground-based monitoring system
- Third-party verification

**% of total volume in compliance**
- 91-99%

**% of total suppliers in compliance**
- 91-99%

**Response to supplier non-compliance**
- Suspend & engage
- Exclude

**Procedures to address and resolve non-compliance with suppliers**
- Developing time-bound targets and milestones to bring suppliers back into compliance
- Providing information on appropriate actions that can be taken to address non-compliance
- Assessing the efficacy and efforts of non-compliant supplier actions through consistent and quantified metrics
- Re-integrating suppliers back into supply chain based on the successful and verifiable completion of activities

Please explain
The procedure is established to analyze causes of the problem and engagement possibility. A comprehensive flow of the grievance process is publicly available at http://northamerica.bungeloders.com/images/applications/Bunge_Grievance_Process_Flow.pdf

---

**Forest risk commodity**
- Soy

**Operational coverage**
- Direct operations
- Supply chain
- Selected facilities, businesses or geographies only

**Description of control systems**
We monitor our suppliers to assess adherence to our commitment to be deforestation free by 2025. We collect proprietary information from the farm level (CAR/GPS coordinate) to connect it to the right grower. All analysis applies over regions in S.Amercia considered as areas under risk for deforestation. Currently monitoring covers over 14 million hectares of farmland and continuously expands its scope. The monitoring has considered elements from traceability analysis to farm (direct sourcing) and silo (indirect sourcing) and is based on satellite imagery analysis by a 3rd party plus on site visit. Biannual progress reports are presented publicly, bringing over 10 metrics. Grievance process is part of regular Bunge's grievance mechanism available at the website and other channels, providing inclusiveness. More information about strategic implementation of the policy is available at https://www.bunge.com/sustainability/non-deforestation.

**Monitoring and verification approach**
- Geospatial monitoring tool
- Ground-based monitoring system

**% of total volume in compliance**
- 91-99%

**% of total suppliers in compliance**
- 91-99%

**Response to supplier non-compliance**
- Retain & engage
- Suspend & engage
- Exclude

**Procedures to address and resolve non-compliance with suppliers**
- Providing information on appropriate actions that can be taken to address non-compliance

Please explain
We annually map and monitor direct sourcing suppliers (over 91% already reached) and have mapped 100% of indirect sourcing elevators in South America, for areas subject to deforestation risk in the Cerrado and Chaco biomes. Monitoring may happen more than once per season in case deforestation is checked. Our satellite monitoring maps farms boundaries so we can trace back and check on the ground in the case that engagement is needed. Our response to deforestation in the supply will depend on scale of the problem, causes and application of protocols (Ibama embargo, Amazonian Soy Moratorium, Non deforestation Policy implementation in the case of Cerrado and Chaco biomes). Actions for non compliance may be from immediate exclusion of suppliers to retaining and engagement, depending on severity of cases. For most confirmed cases, at least suspension then engagement applies. Objective is to be deforestation free by 2025. Third part suppliers have been fully mapped and are in phase of engagement, aiming at replicating our policy. Information about our strategic approach, partnerships, metrics and incentives in place are available at https://www.bunge.com/sustainability/responsible-supply-chains.
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.

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Do you collect data regarding compliance with the Brazilian Forest Code?</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes, from suppliers</td>
<td></td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Soy</td>
<td>Yes, from suppliers</td>
<td></td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
</tbody>
</table>

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**
  - **Palm oil**
    - **KPIs**
      - % of suppliers registered on the Rural Environmental Registry (CAR) database, with active status
    - **Performance against indicators**
      - 100%
    - **Please explain**
      - Supplier discloses their compliance with the Forest Code voluntarily and, due to governance in place and scale of operations, there are no significant issues related to forest risk and Forest Code implementation

- **Soy**
  - **KPIs**
    - % of suppliers registered on the Rural Environmental Registry (CAR) database, with active status
  - **Performance against indicators**
    - 91-99%
  - **Please explain**
    - Suppliers in areas exposed to deforestation risk supply CAR information and are monitored in Brazil and multiple indicators are analyzed through documentation, self-declaration, information released by the government, and satellite imagery. The company publicly discloses its progress monitoring farms. More information is available at https://www.bunge.com/sustainability/responsible-supply-chains

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.

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Assess legal compliance with forest regulations</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Palm oil</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Soy</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Other - Rubber</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Other - Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
<tr>
<td>Other - Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
</tbody>
</table>

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

**Palm oil**

**Procedure to ensure legal compliance**

Suppliers are formally required to ensure legal compliance under contractual clauses and to provide further documentation when requested. Failure to provide compliance with local regulation and mandatory standards prevents further negotiation and expose suppliers to contractual penalties.

**Country/Area of origin**

Brazil  
Colombia  
Côte d'Ivoire  
Ecuador  
Guatemala  
Honduras  
India  
Indonesia  
Malaysia  
Nicaragua  
Thailand

**Law and/or mandatory standard(s)**

Brazilian Forest Code  
ISPO  
MSPO

**Comment**

Rule applies to all countries of origin in order to secure the basis of origination in compliance with national codes and local regulation.

**Soy**

**Procedure to ensure legal compliance**

Suppliers are formally required to ensure legal compliance under contractual clauses and to provide further documentation when requested.

**Country/Area of origin**

Argentina  
Brazil  
Paraguay

**Law and/or mandatory standard(s)**

Forest Law - Argentina  
Forest Law - Paraguay  
Zero Deforestation Law - Paraguay  
Brazilian Forest Code

**Comment**

Suppliers are formally required to ensure legal compliance under contractual clauses and to provide further documentation when requested. Failure to provide compliance with local regulation and mandatory standards prevents further negotiation and expose suppliers to contractual penalties.

---

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

<table>
<thead>
<tr>
<th>Are you working with smallholders?</th>
<th>Type of smallholder engagement approach</th>
<th>Smallerholder engagement approach</th>
<th>Number of smallholders engaged</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>
| Palm oil                          | Yes, working with smallholders         | Capacity building               | Offering on-site technical assistance and extension services  
Organizing capacity building events  
Investing in pilot projects  
Prioritizing support for smallholders in high-risk deforestation regions | 50  
The company has started a project to map smallholders and needs of engagement. |
| Cattle products                   | <Not Applicable>                       | <Not Applicable>                | <Not Applicable>              | <Not Applicable> |
| Soy                               | Yes, working with smallholders         | Supply chain mapping Capacity building Financial and commercial incentives  
Supplier questionnaires on environmental and social indicators  
Offering on-site technical assistance and extension services  
Disseminating technical materials  
Organizing capacity building events | 1000  
Small holders are part of the supply chain through cooperatives systems. The company has projects to support best practices for such cooperatives, aiming at the biofuel market supply. |
| Other - Rubber                    | <Not Applicable>                       | <Not Applicable>                | <Not Applicable>              | <Not Applicable> |
| Other - Cocoa                     | <Not Applicable>                       | <Not Applicable>                | <Not Applicable>              | <Not Applicable> |
| Other - Coffee                    | <Not Applicable>                       | <Not Applicable>                | <Not Applicable>              | <Not Applicable> |
### Are you working with your direct suppliers to support and improve their capacity to comply with your forests-related policies, commitments, and other requirements?

<table>
<thead>
<tr>
<th>Material</th>
<th>Are you working with direct suppliers?</th>
<th>Type of direct supplier engagement approach</th>
<th>Direct supplier engagement approach</th>
<th>% of suppliers engaged</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Palm oil</td>
<td>Yes, working with direct suppliers</td>
<td>Supply chain mapping</td>
<td>Supplier capacity building</td>
<td>Offering on-site training and technical assistance</td>
<td>81-90%</td>
</tr>
<tr>
<td>Cattle products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Soy</td>
<td>Yes, working with direct suppliers</td>
<td>Supply chain mapping</td>
<td>Capacity building</td>
<td>Developing or distributing supply chain mapping tool</td>
<td>100%</td>
</tr>
<tr>
<td>Rubber</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Cocoa</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
<tr>
<td>Coffee</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
</tr>
</tbody>
</table>
(F6.9) Are you working beyond your first-tier supplier(s) to manage and mitigate deforestation risks?

<table>
<thead>
<tr>
<th>Forest risk commodity</th>
<th>Are you working beyond first tier?</th>
<th>Type of engagement approach with indirect suppliers</th>
<th>Indirect supplier engagement approach</th>
<th>Please explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber products</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td>&lt;Not Applicable&gt;</td>
<td></td>
</tr>
</tbody>
</table>
| Palm oil              | Yes, working beyond first tier    | Supply chain mapping                                 | Developing or distributing supply chain mapping tools | Our objective is to have 100% of our suppliers with similar NDPE policy in place and well implemented. More information available at http://europe.bungeloders.com/taking-responsibility/.
|                       |                                   | Capacity building                                    | On-site meetings with indirect suppliers | |
|                       |                                   |                                                     | Supplier audits                      | |
|                       |                                   |                                                     | Participating in workshops            | |
|                       |                                   |                                                     | Investing in pilot projects           | |
| Cattle products       | <Not Applicable>                  | <Not Applicable>                                    | <Not Applicable>                     |                |
| Soy                   | Yes, working beyond first tier    | Supply chain mapping                                 | Developing or distributing supply chain mapping tools | We have actively started the engagement process with indirect suppliers in order to multiply the efforts of our non deforestation commitment. The work has been phased and shares the common goal of 2025 deforestation free supply. |
|                       |                                   | Capacity building                                    | On-site meetings with indirect suppliers | |
|                       |                                   |                                                     | Offering on-site training and technical assistance | |
|                       |                                   |                                                     | Disseminating technical materials     | |
|                       |                                   |                                                     | Participating in workshops            | |
|                       |                                   |                                                     | Investing in pilot projects           | |
| Other - Rubber        | <Not Applicable>                  | <Not Applicable>                                    | <Not Applicable>                     |                |
| Other - Cocoa         | <Not Applicable>                  | <Not Applicable>                                    | <Not Applicable>                     |                |
| Other - Coffee        | <Not Applicable>                  | <Not Applicable>                                    | <Not Applicable>                     |                |

(F6.10) Do you participate in external activities and/or initiatives to promote the implementation of your forests-related policies and commitments?

**Forest risk commodity**

Palm oil

**Do you participate in activities/initiatives?**

Yes

**Activities**

Involved in multi-partnership or stakeholder initiatives

**Initiatives**

UN Global Compact
Roundtable on Sustainable Biomaterials (RSB)
Roundtable on Sustainable Palm Oil (RSPO)
International Sustainability & Carbon Certification (ISCC)

**Jurisdictional approaches**

<Not Applicable>

**Please explain**

Bunge is an active member of RSPO and annually reports progress through RSPO Acop.

**Forest risk commodity**

Palm oil

**Do you participate in activities/initiatives?**

Yes

**Activities**

Engaging with non-governmental organizations

**Initiatives**

<Not Applicable>

**Jurisdictional approaches**

<Not Applicable>

**Please explain**

We are committed to sourcing and processing traceable and certified sustainable palm oil. We are concerned by deforestation, loss of biodiversity, and the use of peat lands, all issues associated with palm oil production on plantations. We work with the RSPO, our suppliers, our customers, and NGOs to assess how we can improve on RSPO's existing principles and criteria addressing these and other emerging issues.

**Forest risk commodity**

Soy

**Do you participate in activities/initiatives?**

Yes

**Activities**
Involved in multi-partnership or stakeholder initiatives

Initiatives
UN Global Compact
Tropical Forest Alliance 2020 (TFA)
Cerrado Working Group (GTC)
Roundtable on Sustainable Soy (RTRS)
Sustainable Agricultural Initiative (SAI)
Other, please specify (SoyPlus, Fefac Guidelines; Agroideal.org.)

Jurisdictional approaches
<Not Applicable>

Please explain
Bunge engages and values multi stakeholders initiative as a means to enhance not only governance but also best practices in its supply shed and productive landscape, supporting sustainable production and responsible expansion of agriculture when suppliers decide to increase farmland area.

Forest risk commodity
Soy

Do you participate in activities/initiatives?
Yes

Activities
Involved in industry platforms

Initiatives
<Not Applicable>

Jurisdictional approaches
<Not Applicable>

Please explain
Bunge is active in industry platforms such as those promoted by Abiove, Fediol, CIARA, and the Soft Commodities Forum under the WBCSD, all aiming for higher standards of sustainable production of beans and a common framework to report.

Forest risk commodity
Soy

Do you participate in activities/initiatives?
Yes

Activities
Engaging with non-governmental organizations

Initiatives
<Not Applicable>

Jurisdictional approaches
<Not Applicable>

Please explain
Bunge has long term partnership with multiple NGOs. Current projects are the Soybean Moratorium and the Cerrado Working Group. Also, the company has a long term partnership with The Nature Conservancy in order to promote best practices and support sustainable development in agricultural areas in South America. More information at https://www.bunge.com/sustainability/partnerships-and-projects

F6.11

(F6.11) Is your organization supporting or implementing project(s) focused on ecosystem restoration and protection?
No, but we plan to implement a project(s) in two years

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**
- Certified production

**Verification standard**
- RSPO 2Bs vs RSPO ISCC

**Please explain**
The figures presented in the certification volumes are those certified and, thus, verified by a 3rd party auditing.

**Disclosure module**
- F6. Implementation

**Data points verified**
- Palm oil traceability levels

**Verification standard**
- No standard applicable

**Please explain**
Traceability to mill and to farm in palm business is verified by a third party auditor.

---

### 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**
  - Palm oil

- **Coverage**
  - Supply chain

- **Primary barrier/challenge type**
  - Supply chain complexity

**Comment**
The palm oil supply chain is extremely complex, competitive and price sensitive. Sourcing from multiple suppliers and regions makes it difficult to achieve full traceability to plantation and to monitor all suppliers.

- **Forest risk commodity**
  - Palm oil

- **Coverage**
  - Supply chain

- **Primary barrier/challenge type**
  - Limited public awareness and/or market demand

**Comment**
Market demand for certified or verified products is low. Higher demand would boost sustainable production and trade.

- **Forest risk commodity**
  - Soy

- **Coverage**
  - Supply chain

- **Primary barrier/challenge type**
  - Limited public awareness and/or market demand

**Comment**
Market demand for certified or verified products is still low. Higher demand would boost sustainable production and trade.

---

#### 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**
- Palm oil

**Coverage**
- Direct operations
- Supply chain
- Other parts of the value chain

**Main measure**
- Increased demand for certified products

**Comment**
Market demand for certified or verified products is low. Higher demand would boost sustainable production and trade.

---

**Forest risk commodity**
- Soy

**Coverage**
- Direct operations
- Supply chain
- Other parts of the value chain

**Main measure**
- Increased demand for certified products

**Comment**
Market demand for certified or verified products is low. Higher demand would boost sustainable production and trade.

---

**Forest risk commodity**
- Soy

**Coverage**
- Supply chain
- Other parts of the value chain

**Main measure**
- Greater stakeholder engagement and collaboration

**Comment**
Stakeholder engagement has mostly been focused on demanding information but little incentives for farmers are in place. Important to observe that agricultural expansion in South America is a driver for social development and non deforestation policies are beyond the local law. While implementing Non Deforestation Policies into regions where no open land is available, the value chain needs also to provide some alternate means of sustainable development for such communities.

---

**Forest risk commodity**
- Soy

**Coverage**
- Other parts of the value chain

**Main measure**
- Increased knowledge on commodity driven deforestation and forest degradation

**Comment**
The whole value chain still struggles with common definitions and continuously changes criteria. From Zero Deforestation to Zero Net Deforestation and, more recently, towards Zero Conversion of any natural vegetation. So all the discussion about High Value Conservation Area, High Carbon Stock and everything else seems to be gone and that is a complex issue to address in a more robust policy. Customers may be considering all new expansion as negative and even consolidated areas as risky areas, and that is not helpful for sustainable development.

---

**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.**

Bunge integrates sustainability across every level of our value chains. We believe that our leadership position in the global food system enables us to unite stakeholders – from farmers to consumers, NGOs and governments -- and to promote actions that help to support sustainable agriculture. More information is available at [https://www.bunge.com/sustainability/responsible-supply-chains](https://www.bunge.com/sustainability/responsible-supply-chains) and [https://www.bunge.com/sustainability/accountability](https://www.bunge.com/sustainability/accountability), where a full PDF of our GRI report is available. Also, the company discloses a series of biannual progress report on Soy and quarterly reports for Palm, presenting accomplishments and challenges on our journey fighting deforestation.
(F17.1) Provide the following information for the person that has signed off (approved) your CDP forests response.

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Corresponding job category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Vice President of Sustainability and Governmental Affairs</td>
<td>Chief Sustainability Officer (CSO)</td>
</tr>
</tbody>
</table>

SF. Supply chain module

SF0.1

(SF0.1) What is your organization’s annual revenue for the reporting period?

<table>
<thead>
<tr>
<th>Annual revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>411400000000</td>
</tr>
</tbody>
</table>

SF0.2

(SF0.2) Do you have an ISIN for your organization that you are willing to share with CDP?

Yes

SF0.2a

(SF0.2a) Please share your ISIN in the table below.

<table>
<thead>
<tr>
<th>ISIN country code</th>
<th>ISIN numeric identifier (including single check digit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>US</td>
<td>BMG1696210</td>
</tr>
</tbody>
</table>

SF1.1

(SF1.1) In F6.3 you were asked “Have you adopted any third-party certification scheme(s) for your disclosed commodity(ies)? Indicate the volume and percentage of your certified production and/or consumption”. Can you also indicate, for each of your disclosed commodity(ies), the percentage of certified volume sold to each requesting CDP supply chain member?

Yes

SF1.1a
For each of your requesting CDP supply chain members, indicate the percentage of certified volume sold per disclosed commodity(ies).

**Requesting member**
Arcos Dorados

**Forest risk commodity**
Soy

**Form of commodity**
Soy bean oil

**Third-party certification scheme**
Please select

**Total volume of commodity sold to member**
6509 Metric tons

**What % of the volume reported in column 5 is certified?**
10-20%

**Comment**

**Requesting member**
Grupo Big

**Forest risk commodity**
Soy

**Form of commodity**
Soy bean oil

**Third-party certification scheme**
Please select

**Total volume of commodity sold to member**
53161 Metric tons

**What % of the volume reported in column 5 is certified?**
<10%

**Comment**

**SF2.1**

(SF2.1) Please propose any mutually beneficial forests-related projects you could collaborate on with specific CDP supply chain members.

**Requesting member**
Arcos Dorados

**Commodity related to the project**
Soy

**Category of project**
Certification

**Type of project**
Increase in coverage of commodity certified

**Estimated timeframe for realization of benefits to customer**
Please select

**Details of project**
Currently Bunge has completed the RTRS certification audit process for all Bunge crushers and refineries in Brazil. Our system is 100% in compliance with the standard, recommending Bunge's certification in the Chain of Custody module - Multi-site. We are ready to deliver additional volumes of certified products, at demand and market availability.

**Projected outcome**
Higher volumes of certified product help customers meet their zero-deforestation commitments, while centralizing trading into reliable and verifiable systems that support economic and social development in the communities where products originate.

**SF2.2**

(SF2.2) Have requests or initiatives by CDP supply chain members prompted your organization to take organizational-level action to reduce or remove deforestation/forest degradation from your operations or your supply chain?

Yes
SF2.2a

(SF2.2a) Specify the requesting CDP supply chain member(s) that have driven organizational-level action to reduce or remove deforestation/forest degradation from your operations or your supply chain and provide details on how.

- Requesting member
  Please select

- Category of project
  Please select

- Type of project
  <Not Applicable>

- Description of the project/initiative

- Give an indication of the metric of success for the initiative

- Would you be happy for CDP supply chain members to highlight this work in their external communication?
  Please select

SF3.1

(SF3.1) For your disclosed commodity(ies), do you estimate the GHG emission reductions and/or removals from land use and land use change that have occurred in your direct operations and/or supply chain?

- Palm oil
  Estimate GHG emissions and removals from land use and land use change
    Please select
  Please explain

- Soy
  Estimate GHG emissions and removals from land use and land use change
    Please select
  Please explain

Submit your response

- In which language are you submitting your response?
  English

Please confirm how your response should be handled by CDP

<table>
<thead>
<tr>
<th>I am submitting to</th>
<th>Public or Non-Public Submission</th>
<th>Are you ready to submit the additional Supply Chain Questions?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investors</td>
<td>Public</td>
<td>Yes, submit Supply Chain Questions now</td>
</tr>
<tr>
<td>Customers</td>
<td>Public</td>
<td></td>
</tr>
</tbody>
</table>

Please confirm below

I have read and accept the applicable Terms