

F0. Introduction

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F0.1

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

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Bunge Limited (www.bunge.com, NYSE: BG) is a leading global agribusiness and food company operating in over 40 countries with approximately 23,000 employees. The decrease in the number of employees from previous years 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

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**(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 2020	December 31 2020

F0.3

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

USD

F0.4

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**(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	Explanation if not disclosing
Timber products	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Palm oil	Disclosing	Processing Trading Manufacturing	<Not Applicable>
Cattle products	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Soy	Disclosing	Processing Trading Manufacturing	<Not Applicable>
Other - Rubber	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Other - Cocoa	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Other - Coffee	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>

F0.5

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

No

F1. Current state

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F1.1

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**(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**

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**(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	<Not Applicable>	<Not Applicable>
Palm oil	1-5%	Palm products and its derivatives have a higher importance to Bunge than they had in the past due to the acquisition of Loders Crokiaan.
Cattle products	<Not Applicable>	<Not Applicable>
Soy	51-60%	Soy is the major commodity that we operate globally. Soy and its derivatives represent around 60% of total revenue.
Other - Rubber	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

**F1.5**

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

	Data availability/Disclosure
Timber products	<Not Applicable>
Palm oil	Consumption data available, disclosing
Cattle products	<Not Applicable>
Soy	Consumption data available, disclosing
Other - Rubber	<Not Applicable>
Other - Cocoa	<Not Applicable>
Other - Coffee	<Not Applicable>

**F1.5a**

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

**Forest risk commodity**

Palm oil

**Data type**

Consumption data

**Volume**

1900000

**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**

**(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**

Palm oil

**Country/Area of origin**

Malaysia

**State or equivalent jurisdiction**

Not disclosing

**% of total production/consumption volume**

40

**Please explain****Forest risk commodity**

Palm oil

**Country/Area of origin**

Indonesia

**State or equivalent jurisdiction**

Not disclosing

**% of total production/consumption volume**

40

**Please explain****Forest risk commodity**

Palm oil

**Country/Area of origin**

Guatemala

**State or equivalent jurisdiction**

Not disclosing

**% of total production/consumption volume**

10

**Please explain****Forest risk commodity**

Palm oil

**Country/Area of origin**

Honduras

**State or equivalent jurisdiction**

Not disclosing

**% of total production/consumption volume**

10

**Please explain****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 origination 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, and the volume of the region represents 10% of the country origination. 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**

45

**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 96% of monitoring to direct sourcing in these regions, and 30% for the indirect sourcing through third parties. 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, 45% of Brazilian beans for Bunge in Brazil are sourced from Cerrado Biome, being 23% of the volume from areas considered subject to expansion of agriculture. 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

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**Forest risk commodity**

Soy

**Country/Area of origin**

Paraguay

**State or equivalent jurisdiction**

Specify state/equivalent jurisdiction (Atlantic biome)

**% 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.

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**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**

100% of remainder origination of soy are from areas not related to deforestation, such as the U.S.A., Canada and Ukraine

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**F1.5e**

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**(F1.5e) How does your organization produce or consume biofuel derived from palm oil?**

**Does your organization produce or consume biofuel derived from palm oil?**

Yes

**Data type**

Production

**Volume produced/consumed**

110000

**Metric**

Other, please specify (metric ton)

**Country/Area of origin**

Malaysia

**State or equivalent jurisdiction**

Not disclosing

**% of total production/consumption volume**

6-10%

**Does the source of your organization's biofuel material come from smallholders?**

Yes

**Comment**

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**F1.6**

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

Yes

**F1.6a**

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**(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 remains to present time and does not represent significant loss due to the non expansion of local market that, in fact, has grown over areas already open.

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**Forest risk commodity**

Soy

**Impact driver type**

Reputational and markets

**Primary impact driver**

Increased stakeholder concern or negative stakeholder feedback

**Primary impact**

Other, please specify (NGOs pressure on stakeholders)

**Description of impact**

Company was asked to produce a report to present progress and further explanation on the pace of non-deforestation policy implementation.

**Primary response**

Engagement with suppliers

**Total financial impact**

10000

**Description of response**

The report was generated and well received by stakeholders, and is available at: [https://www.bunge.com/sites/default/files/2021\\_non\\_deforestation\\_report.pdf](https://www.bunge.com/sites/default/files/2021_non_deforestation_report.pdf) Figures show that the company remains ahead of its main peers delivering results in the shortest deadline of the market.

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**F2. Procedures**

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**F2.1**

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

Yes, forests-related risks are assessed

**F2.1a**

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**(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/>

**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>

**F2.1b**

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**(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.

## Leakage markets

### Relevance & inclusion

Relevant, always included

### Please explain

We do not support the leakage market but our sourcing decisions may direct certain CPO producers to look for alternative, leakage, markets. We continue to monitor these companies and apply pressure where possible / relevant to help these companies adopt sustainable practices. At the same time we support initiatives to transform leakage markets into markets that work with sustainable standards

## 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

The company applies strict anti-corruption policies, procedures and training throughout its operations. More info available at <https://investors.bunge.com/investors/corporate-governance/code-of-conduct>.

## 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 explain

F2.1c

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## (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, always 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

#### Relevance & inclusion

Relevant, always included

#### Please explain

Governments: governments have authority to allocate land to local communities, set new labor standards based on internationally accepted best practices etc.

## F3. Risks and opportunities

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### 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	<Not Applicable>
Palm oil	Yes
Cattle products	<Not Applicable>
Soy	Yes
Other - Rubber	<Not Applicable>
Other - Cocoa	<Not Applicable>
Other - Coffee	<Not Applicable>

### F3.1a

**(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

**(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**

Plantation

**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**

Engagement with suppliers

**Description of response**

Bunge maintains high traceability levels, and monitors risky areas.

**Cost of response**

**Explanation of cost of response**

It refers to approximate monitoring costs to avoid development of suppliers in risky areas.

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**Forest risk commodity**

Soy

**Type of risk**

Reputational and markets

**Geographical scale**

Farm

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

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**

More likely than not

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact (currency)**

&lt;Not Applicable&gt;

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

20000

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

200000

**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**

Tighter supplier performance standards

**Description of response**

The company has increased traceability activities in areas subject to risks related to deforestation and maps non-compliance. Furthermore, the company now has expanded its standards to indirect sourcing and that now shall cover the remainder of the sourcing from risk areas under compliance.

**Cost of response**

80000

**Explanation of cost of response**

Cost is approximate and is related to monitoring and engagement activities in place by Bunge and the expansion of activities to the indirect sourcing in applicable regions.

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**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	<Not Applicable>
Palm oil	Yes
Cattle products	<Not Applicable>
Soy	Yes
Other - Rubber	<Not Applicable>
Other - Cocoa	<Not Applicable>
Other - Coffee	<Not Applicable>

**F3.2a**

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**(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, reforestation and conservation projects in collaboration with supplier/buyer

**Estimated timeframe for realization**

Current - up to 1 year

**Magnitude of potential impact**

Medium-low

**Likelihood**

Virtually certain

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact figure (currency)**

<Not Applicable>

**Potential financial impact figure – minimum (currency)**

50000

**Potential financial impact figure – maximum (currency)**

1000000

**Explanation of financial impact figure**

Figures are approximate. Refers to differential due to certification of palm products, size of the project

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**Forest risk commodity**

Soy

**Type of opportunity**

Products & services

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

Direct operation

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-high

**Likelihood**

Virtually certain

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

4000000

**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.

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**F4. Governance**

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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
Director on board	Oversees commitments and strategy for company level compliance with policies and activities
Board-level committee	Committee at board level dedicated to Sustainability, supporting policies and discussing strategies. Also, following up with policy implementation.
Chief Executive Officer (CEO)	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.

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 - all meetings	Monitoring implementation and performance Overseeing acquisitions and divestiture Overseeing major capital expenditures Providing employee incentives Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Setting performance objectives	Board members are completely engaged and follow up on deforestation-related issues during governance meeting and reviews.

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	Updates the Board on sustainability-related matters quarterly.

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	There are indicators and metrics that are considered part of the compensations for the whole company. Some executives in related areas have incentives related to the implementation of the non-deforestation policies.

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	Board chair Board/Executive board Director on board Corporate executive team Chief Executive Officer (CEO) Chief Financial Officer (CFO) Chief Operating Officer (COO) Chief Procurement Officer (CPO) Chief Risk Officer (CRO) Chief Sustainability Officer (CSO) Chief Purchasing Officer (CPO) Other C-suite Officer Other, please specify (all of the company's employees )	Achievement of commitments and targets Supply chain engagement	The implementation of deforestation free supply chains are incorporated in the compensation metrics for the whole company.
Non-monetary reward	Director on board Chief Executive Officer (CEO)	Achievement of commitments and targets Supply chain engagement	The supply chain engagement is followed up by the CEO and a director on board, chair of Sustainability and Corporate Responsibility Committee. Objective is to oversee the development of relevant sustainability policies, strategies and programs, including performance goals, risk management and disclosure.

**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.**

	Scope	Content	Please explain
Row 1	Company-wide	Commitment to eliminate conversion of natural ecosystems 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 habitats Description of forest risk commodities, parts of the business, and stages of value-chain covered by the policy List of timebound milestones and targets Description of forests-related performance standards for direct operations Description of forests-related standards for procurement	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 consoaches 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>

**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	<Not Applicable>	<Not Applicable >	<Not Applicable>	<Not Applicable>
Palm oil	Yes	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 sources palm oil and derivatives for use as ingredients in some of our commercial, consumer and bioenergy products. We believe all palm oil should be produced in a manner that is legally compliant and traceable, that protects forests and biodiversity, reduces greenhouse gas (GHG) emissions and respects the rights of indigenous peoples, workers and local communities. Bunge is committed to building a supply chain that reflects these beliefs and principles. We also recognize the important role we can play in encouraging a transition to more sustainable industry, and we will work with partners and stakeholders to advance leading standards and higher levels of transparency. More info at <a href="https://www.bunge.com/sustainability/palm-oil-dashboard">https://www.bunge.com/sustainability/palm-oil-dashboard</a> .
Cattle products	<Not Applicable>	<Not Applicable >	<Not Applicable>	<Not Applicable>

	Do you have a commodity specific sustainability policy?	Scope	Content	Please explain
Soy	Yes	Company-wide	<p>Commitment to eliminate conversion of natural ecosystems</p> <p>Commitment to eliminate deforestation</p> <p>Commitment to protect rights and livelihoods of local communities</p> <p>Commitments beyond regulatory compliance</p> <p>Commitment to transparency</p> <p>Commitment to stakeholder awareness and engagement</p> <p>Commitment to align with the SDGs</p> <p>Recognition of the overall importance of forests and other natural ecosystems</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 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>Bunge's Grains &amp; 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 and encompasses native vegetation conversion in the appropriate geographies, reconciling production with environmental, economic and social interests. We commit to employ 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 &amp; oilseeds value chain.</p>
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>

#### 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

grains\_and\_oilseeds\_commitment\_2021.pdf

## F4.6a

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**(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, RTRS, SOFT COMMODITIES FORUM)

## F4.6b

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**(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  
Adoption of the UN International Labour Organization principles  
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](http://www.bunge.com/sustainability). The company is also an active member of RSPO.

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### Forest risk commodity

Soy

### Criteria

No conversion of natural ecosystems  
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  
Recognition of legal and customary land tenure rights

### 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.

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## F5. Business strategy

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### F5.1

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**(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	5-10	The company has goals set for its long term strategy and business objectives.
Strategy for long-term objectives	Yes, forests-related issues are integrated	5-10	Bunge has publicly stated strategies for reaching its long-term deforestation objectives. These include traceability, monitoring, financial incentives for conservation and engagement with partners in industry transformation efforts.
Financial planning	Yes, forests-related issues are integrated	5-10	Bunge collaborates with stakeholders to develop and test methodologies and practical tools that support and enable forest protection. The company is working actively to develop financing approaches that could be part of our capital raising programs and supplier financing.

**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**

Palm oil

**Type of target**

Traceability

**Description of target**

traceable to plantation, progressing from traceability to mill (we are > 95% traceable to mill)

**Linked commitment**

Not linked to specific commitment

**Traceability point**

Plantation

**Third-party certification scheme**

<Not Applicable>

**Start year**

2018

**Target year**

2025

**Quantitative metric**

<Not Applicable>

**Target (number)**

<Not Applicable>

**Target (%)**

100

**% of target achieved**

77

**Please explain**

Our primary target for traceability is now traceability to plantation. In specific destination markets we move faster towards the 100% goal

**Target reference number**

Target 2

**Forest risk commodity**

Soy

**Type of target**

Traceability

**Description of target**

Traceability to direct sourcing farm in areas of South America under risk for deforestation in the Cerrado and Chaco biomes

**Linked commitment**

No conversion of natural ecosystems

**Traceability point**

Farm

**Third-party certification scheme**

<Not Applicable>

**Start year**

2015

**Target year**

2025

**Quantitative metric**

<Not Applicable>

**Target (number)**

<Not Applicable>

**Target (%)**

100

**% of target achieved**

96

**Please explain**

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 2020, already reached 96%. The remaining percentage regards to smaller holders and revolving database that constantly adds other farms into account.

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**Target reference number**

Target 3

**Forest risk commodity**

Soy

**Type of target**

Traceability

**Description of target**

Objective is to reach 100% of traceability to direct sourcing in the 25 high priority municipality, as stated by the Soft Commodity Forum (SCF / WBCSD), supporting then the implementation of the sustainable development plans agreed for the region.

**Linked commitment**

No conversion of natural ecosystems

**Traceability point**

Farm

**Third-party certification scheme**

<Not Applicable>

**Start year**

2019

**Target year**

2020

**Quantitative metric**

<Not Applicable>

**Target (number)**

<Not Applicable>

**Target (%)**

100

**% of target achieved**

100

**Please explain**

The company collected traceability data as per the protocol established under the SCF working group and successfully accomplished the goal in December 2020.

---

**Target reference number**

Target 4

**Forest risk commodity**

Soy

**Type of target**

Engagement with indirect suppliers

**Description of target**

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 company has established the goal to have 100% of its indirect sourcing farms in areas subject to deforestation being traceable and monitored.

**Linked commitment**

No conversion of natural ecosystems

**Traceability point**

<Not Applicable>

**Third-party certification scheme**

<Not Applicable>

**Start year**

2020

**Target year**

2025

**Quantitative metric**

<Not Applicable>

**Target (number)**

100

**Target (%)**

<Not Applicable>

**% of target achieved**

30

**Please explain**

The plan was initiated in 2020 as has already covered 30% of the origination from 3rd parties farms traceable and monitored.

---

**Target reference number**

Target 5

**Forest risk commodity**

Palm oil

**Type of target**

Other, please specify (NDPE)

**Description of target**

volumes sourced from suppliers with NDPE commitment

**Linked commitment**

Not linked to specific commitment

**Traceability point**

<Not Applicable>

**Third-party certification scheme**

<Not Applicable>

**Start year**

2020

**Target year**

2025

**Quantitative metric**

Percentage

**Target (number)**

<Not Applicable>

**Target (%)**

100

**% of target achieved**

90

**Please explain**

Bunge's supplier selection process will approve suppliers with an NDPE commitment (endorsed by third party and verified by external auditor). Progress towards delivering on NDPE commitment will be monitored via the NDPE Implementation Reporting Framework

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F6.2

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**(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	Description of exclusion
Timber products	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Palm oil	Yes	traceability to mill and plantation level	Not applicable	<Not Applicable>
Cattle products	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Soy	Yes	traceability system to direct and indirect sourcing farms and to indirect sourcing elevators in risky areas of South America.	Not applicable	<Not Applicable>
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>

**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
Palm oil	Mill	98
Palm oil	Plantation	77
Soy	Farm	100
Soy	Municipality or equivalent	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	<Not Applicable>	<Not Applicable>
Palm oil	Yes	42
Cattle products	<Not Applicable>	<Not Applicable>
Soy	Yes	18
Other - Rubber	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

**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**

Palm oil

**Third-party certification scheme**

RSPO (any type)

**Chain-of-custody model used**

Segregation

**% of total production/consumption volume certified**

35

**Form of commodity**

Crude palm oil (CPO)

Crude palm kernel oil (CPKO)

Refined palm oil

Palm oil derivatives

**Volume of production/ consumption certified**

677000

**Metric for volume**

Metric tons

**Is this certified by more than one scheme?**

No

**Please explain**

**Forest risk commodity**

Palm oil

**Third-party certification scheme**

International Sustainability and Carbon Certification (ISCC)

**Chain-of-custody model used**

Mass balance

**% of total production/consumption volume certified**

6

**Form of commodity**

Please select

**Volume of production/ consumption certified**

110000

**Metric for volume**

Metric tons

**Is this certified by more than one scheme?**

No

**Please explain**

---

**Forest risk commodity**

Soy

**Third-party certification scheme**

RTRS (any type)

**Chain-of-custody model used**

Mass balance

**% of total production/consumption volume certified**

1

**Form of commodity**

Whole soy beans

**Volume of production/ consumption certified**

50000

**Metric for volume**

Metric tons

**Is this certified by more than one scheme?**

No

**Please explain**

The company sells certified soy products as per customers demand. Regions and countries of origin vary. Percentage over total is rounded.

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**Forest risk commodity**

Soy

**Third-party certification scheme**

ProTerra certification

**Chain-of-custody model used**

Segregation

**% of total production/consumption volume certified**

1

**Form of commodity**

Whole soy beans

**Volume of production/ consumption certified**

50000

**Metric for volume**

Metric tons

**Is this certified by more than one scheme?**

No

**Please explain**

The company sells certified soy products as per customers demand. Regions of origin vary. Percentage over total is rounded.

---

**Forest risk commodity**

Soy

**Third-party certification scheme**

Other, please specify

**Chain-of-custody model used**

Mass balance

**% of total production/consumption volume certified**

**Form of commodity**

Whole soy beans

**Volume of production/ consumption certified**

1

**Metric for volume**

Metric tons

**Is this certified by more than one scheme?**

No

**Please explain**

Sum of other standards related to the EU RED, originated in South America. Due to sensitiveness of market, final volumes cannot be disclosed. Percentage refers to sourcing from Cerrado region, Brazil.

## 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	Comment
Timber products	<Not Applicable>	<Not Applicable>
Palm oil	Yes, we have a system in place for our no conversion and/or deforestation commitments	<Not Applicable>
Cattle products	<Not Applicable>	<Not Applicable>
Soy	Yes, we have a system in place for our no conversion and/or deforestation commitments	<Not Applicable>
Other - Rubber	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

## 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**

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  
Community-based monitoring  
First-party verification  
Third-party verification

**% 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**

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](http://northamerica.bungeloders.com/images/applications/Bunge_Grievance_Process_Flow.pdf)

**Forest risk commodity**

Soy

### Operational coverage

Direct operations  
Supply chain

### 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.America considered as areas under risk for deforestation. Currently monitoring covers over 12 million hectares of farmland and continuously expands its scope. The monitoring has considered elements from traceability analysis to farm (direct and indirect sourcing) and is based on satellite imagery analysis by a 3rd party plus on site visit. Biannual progress reports are presented publicly, bringing a large scope of relevant quantitative and qualitative metrics on the value chain. Grievance process is part of regular Bunge's grievance mechanism available at the website and other channels. 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  
Third-party verification

### % 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  
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

We annually map and monitor direct sourcing suppliers (over 96% already reached in applicable areas) as well indirect suppliers (30% reached in applicable areas) 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 of 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.

	Do you collect data regarding compliance with the Brazilian Forest Code?	Please explain
Timber products	<Not Applicable>	<Not Applicable>
Palm oil	Yes, from suppliers	Suppliers are contractually required to comply with the legislation in place, including the Brazilian Forest Code.
Cattle products	<Not Applicable>	<Not Applicable>
Soy	Yes, from suppliers	Suppliers are contractually required to comply with the legislation in place, including the Brazilian Forest Code.
Other - Rubber	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

## 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**

Other, please specify (Bunge policy compliance that includes legal compliance)

**Performance against indicators**

91-99%

**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

**Forest risk commodity**

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>

**Forest risk commodity**

Soy

**KPIs**

Other, please specify (% of volume sourced with no deforestation in regions subject to expansion)

**Performance against indicators**

91-99%

**Please explain**

We have started to disclose the percentage of suppliers not connected to deforestation in monitored regions and that covers over 95% of our sourced volumes in such regions.

**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	Comment
Timber products	<Not Applicable>	<Not Applicable>
Palm oil	Yes, from suppliers	<Not Applicable>
Cattle products	<Not Applicable>	<Not Applicable>
Soy	Yes, from suppliers	<Not Applicable>
Other - Rubber	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

**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**

**(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	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Palm oil	Yes, working with smallholders	Capacity building	Providing agricultural inputs	150	The company has started a project to map smallholders and needs of engagement. Bunge does not buy directly from smallholders
Cattle products	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Soy	Yes, working with smallholders	Supply chain mapping Capacity building Financial and commercial incentives	Offering on-site technical assistance and extension services 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>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>

**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	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Palm oil	Yes, working with direct suppliers	Supply chain mapping Capacity building	Supplier questionnaires on environmental and social indicators Supplier audits Offering on-site training and technical assistance Organizing capacity building events Investing in pilot projects	Please select	To implement best practice: • We conducted a mill prioritization process, and a series of mill assessments in Peninsular Malaysia and Sabah in collaboration with Proforest which informed content of supplier workshops. An example of implementation of best practices are passport return programs at mill level. • We are implementing a timebound transformation plan (ART) for our Pasir Gudang refinery in collaboration with TFT and Proforest, that includes deep and broad engagement with its supply base. Focus points are deforestation and labor, specifically ethical recruitment and wages. • We continue to work with our suppliers to ensure they become compliant with "No new development on peatlands regardless of depth and implementation of Best Management Practices (BMP) for existing plantations on peat" through workshops called the Peatland Roadshow. For this we collaborate with the Global Environment Centre (GEC). More information available at <a href="http://europe.bungeloders.com/taking-responsibility/sustainable-sourcing/">http://europe.bungeloders.com/taking-responsibility/sustainable-sourcing/</a>
Cattle products	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Soy	Yes, working with direct suppliers	Supply chain mapping Capacity building Financial and commercial incentives	Developing or distributing supply chain mapping tool Supplier audits Disseminating technical materials Organizing capacity building events Investing in pilot projects Paying higher prices linked to best agricultural practices Financial incentives for certified products Offering credit lines linked to best agricultural practices Long-term contracts linked to forest related commitments	Please select	We promote sustainable agriculture and implement robust projects that protect and improve the environment, while supporting the social and economic well-being of growers and local communities. More info available at <a href="https://www.bunge.com/sustainability/responsible-supply-chains">https://www.bunge.com/sustainability/responsible-supply-chains</a>
Other - Rubber	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Cocoa	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>

**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	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Palm oil	Yes, working beyond first tier	Supply chain mapping Capacity building	Developing or distributing supply chain mapping tools Supplier questionnaires on environmental and social indicators On-site meetings with indirect suppliers Supplier audits Participating in workshops Investing in pilot projects	Our objective is to have 100% of our suppliers with similar NDPE policy in place and well implemented. More information available at <a href="http://europe.bungeloders.com/taking-responsibility/">http://europe.bungeloders.com/taking-responsibility/</a> .
Cattle products	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Soy	Yes, working beyond first tier	Supply chain mapping Capacity building	Developing or distributing supply chain mapping tools On-site meetings with indirect suppliers Supplier audits Offering on-site training and technical assistance Disseminating technical materials Participating in workshops Investing in pilot projects	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. More information available at <a href="https://www.bunge.com/news/bunge-launches-unprecedented-program-monitor-soybean-crops-its-indirect-supply-chain-brazilian">https://www.bunge.com/news/bunge-launches-unprecedented-program-monitor-soybean-crops-its-indirect-supply-chain-brazilian</a>
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>

**F6.10**

**(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)  
European Palm Oil Alliance (EPOA)  
Palm Oil Transparency Coalition (POTC)

**Jurisdictional approaches**

<Not Applicable>

**Please explain**

Bunge is an active member of RSPO and annually reports progress through RSPO Acop. Bunge sits on the Palm Oil Collaboration Working Group

**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>

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**F6.11**

**(F6.11) Is your organization supporting or implementing project(s) focused on ecosystem restoration and protection?**

Yes

**F6.11a**

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**(F6.11a) 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**

Voluntary

**Description of project**

Hutan melangkin Wildlife corridor Sabah: 1. Planting of 30,000 native tree seedlings along Melangking River and streams – completed in Dec'20 2. Establish temporary electric fences to protect reforestation plots – completed in Dec'20 3. Building 2 wildlife bridges – completed in Feb'21 4. 3-year maintenance of planted seedlings – ongoing until Dec'23

**Start year**

2019

**Target year**

2023

**Project area to date (Hectares)**

**Project area in the target year (Hectares)**

**Country/Area**

Malaysia

**Latitude**

**Longitude**

**Monitoring frequency**

Please select

**Measured outcomes to date**

Biodiversity

**Please explain**

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**F7. Verification**

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**F7.1**

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

Yes

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**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 2BsVs RTRS 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

---

**Disclosure module**

F6. Implementation

**Data points verified**

monitoring levels for soy

**Verification standard**

not applicable

**Please explain**

monitoring levels for direct and indirect sourcing are verified / audited by a 3rd party.

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**F8. Barriers and challenges**

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**F8.1**

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**(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 supply chain is extremely complex and many buyers consider palm oil a commodity with high focus on competitive pricing, supply chain efficiencies. Sourcing from multiple suppliers and regions makes it difficult to achieve full traceability to plantation and to monitor all suppliers: direct and indirect

---

**Forest risk commodity**

Palm oil

**Coverage**

Supply chain

**Primary barrier/challenge type**

Land tenure and insecure property rights issues in sourcing regions

**Comment**

Governments have authority to allocate land, provide land titles. Deforestation is not a single commodity issue / challenge. Deforestation must be addressed at landscape level with all stakeholders involved, especially the government.

---

**Forest risk commodity**

Palm oil

**Coverage**

Supply chain

**Primary barrier/challenge type**

Limited availability of certified materials

**Comment**

Demand for certified material is increasing resulting in increased prices for specific palm (kernel) oil fractions

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**F8.2**

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**(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**

Supply chain

**Main measure**

Increased demand for certified products

**Comment**

make certified palm the norm. this would create level playing field for buyers, stimulate production of certified palm and reduce the excess of initiatives that basically try to achieve same thing but creates additional complexity and increased in-efficiency.

---

**Forest risk commodity**

Palm oil

**Coverage**

Supply chain

**Main measure**

Other, please specify (greater value chain alignment)

**Comment**

support and adhere to proven sector initiatives, systems and formats and DO NOT reinvent the wheel as currently is happening with deforestation monitoring systems:

---

**Forest risk commodity**

Soy

**Coverage**

Supply chain

**Main measure**

Improved data collection and quality

**Comment**

enhance data for indirect suppliers, currently being engaged for monitoring activities

---

**Forest risk commodity**

Soy

**Coverage**

Direct operations

**Main measure**

Greater stakeholder engagement and collaboration

**Comment**

we need to create more engagement from stakeholders in our direct operations so proper incentives can be created to bring more suppliers into voluntary compliance

---

**Forest risk commodity**

Soy

**Coverage**

Supply chain

Other parts of the value chain

**Main measure**

Price premium for certified materials

**Comment**

customers need to recognize the value of certified materials and pay the premium as incentive to farmers. Currently, customers want certification as long as it is free. That is not engaging for it does not promote the distribution of added value.

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## F17 Signoff

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### F-FI

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**(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.**

full information on our non deforestation commitments, including the Palm Dashboard and the 10th progress report for soy can be found at [https://www.bunge.com/sites/default/files/2021\\_non\\_deforestation\\_report.pdf](https://www.bunge.com/sites/default/files/2021_non_deforestation_report.pdf)

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 Sustainability Officer and Governmental Affairs	Chief Sustainability Officer (CSO)

SF. Supply chain module

SF0.1

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

	Annual revenue
Row 1	41404000000

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.

	ISIN country code	ISIN numeric identifier (including single check digit)
Row 1	US	BMG1696210

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

(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**

Palm oil

**Form of commodity**

Please select

**Third-party certification scheme**

Please select

**Total volume of commodity sold to member**

0

**Metric**

Metric tons

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

Please select

**Comment**

No sales of palm oil or palm related products to Arcos Dorados.

**Requesting member**

McDonald's Corporation

**Forest risk commodity**

Palm oil

**Form of commodity**

Please select

**Third-party certification scheme**

Please select

**Total volume of commodity sold to member**

0

**Metric**

Metric tons

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

Please select

**Comment**

No sales of palm oil or palm related products to McDonalds.

---

**Requesting member**

Arcos Dorados

**Forest risk commodity**

Soy

**Form of commodity**

Soy bean oil

**Third-party certification scheme**

Other, please specify (no request for certification is in place)

**Total volume of commodity sold to member**

1

**Metric**

Metric tons

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

&lt;10%

**Comment**

No certification has been requested by this customer. Purchases of this customer for oils and derivatives are commercially sensitive information and cannot be disclosed publicly.

---

**Requesting member**

McDonald's Corporation

**Forest risk commodity**

Soy

**Form of commodity**

Soy bean oil

**Third-party certification scheme**

Other, please specify (no certification requested as origination countries are not under deforestation risk.)

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

Please select

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

Please select

**Comment**

no certification requested as origination countries are not under deforestation risk.

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

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**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**  
McDonald's Corporation

**Category of project**  
Policy and commitments

**Type of project**  
Make a public commitment

**Description of the project/initiative**  
The customer has requested transparency in the commitment to fight deforestation in the value chain.

**Give an indication of the metric of success for the initiative**  
Bunge has published a series of 10 progress report for soy and quarterly updates its efforts in the Palm sector. Indicators show success in the implementation of commitments.

**Would you be happy for CDP supply chain members to highlight this work in their external communication?**  
Yes

---

### 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**  
Yes, but not willing to share details

**Please explain**  
our related data is available through our scope 3 analysis. The company has also studied emissions related to land use change and related reductions considering the implementation of our policies. Such is still considered sensitive information being analyzed.

#### Soy

**Estimate GHG emissions and removals from land use and land use change**  
Yes, but not willing to share details

**Please explain**  
our related data is available through our scope 3 analysis. The company has also studied emissions related to land use change and related reductions considering the implementation of our policies. Such is still considered sensitive information being analyzed.

### Submit your response

**In which language are you submitting your response?**  
English

**Please confirm how your response should be handled by CDP**

	I am submitting to	Public or Non-Public Submission	Are you ready to submit the additional Supply Chain questions?
I am submitting my response	Investors Customers	Public	Yes, I will submit the Supply Chain questions now

**Please confirm below**  
I have read and accept the applicable Terms