

F0. Introduction

F0.1

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

General Motors Company ("GM") is a global company committed to delivering safer, better and more sustainable ways for people to get around. With global headquarters in Detroit, Michigan, GM employs 155,000 people in over 300 facilities across five continents.

GM offers a comprehensive range of vehicles and services in more than 84 countries around the world. We have manufacturing, assembly, distribution, office or warehousing operations in 29 countries, including equity interests in associated companies, which perform manufacturing, assembly or distribution operations. The largest national market for our products is China, followed by the U.S., Brazil, Canada and Mexico. Along with its strategic partners, GM produces cars and trucks, and sells and services these vehicles through the following brands: Chevrolet and Cadillac globally, and Baojun, Buick, GMC, Wuling, OnStar, and Cruise in certain regions or specific countries.

GM also maintains equity stakes in major joint ventures including SAIC-GM, SAIC-GM-Wuling, in China, and GM Korea, as well as subsidiaries such as OnStar, a recognized industry leader in vehicle safety, security, and information services, Cruise Automation, a leader in autonomous driving technology, and GM Financial, which offers Automotive financing services.

More information is available at www.gm.com and media.gm.com.

GM's commitment to sustainability applies to every part of our business and creates value for customers. It underscores GM's philosophy of "Customer-Driven Sustainability" – an approach for meeting customers' needs through sustainability by making the mobile experience safer, more efficient, and better integrated with everyday life. As part of that commitment and philosophy, GM continually assesses and takes steps to reduce the environmental impact of its products and operations.

For example, GM is focusing on energy management; carbon and waste intensity reduction; resource preservation; and developing more efficient vehicles through our technological advances, global scale and employee innovation. These areas help the company reduce its environmental footprint and share best practices worldwide for broad results.

Sustainability is also an important part of GM's people and culture. The company integrates sustainability across every business function and through each level of the organization. GM is actively engaged in cross-functional efforts to seize environmental and social opportunities to improve our Company and the communities in which we operate.

GM's Guiding Environmental Commitments are the foundation of this policy and were established from the core Environmental Principles and values that were in place for more than 25 years. GM's Guiding Environmental Commitments now serve as a guide for all GM employees worldwide. GM is a signatory to the United Nations Global Compact, which endorses a framework of principles in the areas of human rights, labor, the environment, and anti-corruption. In 2021, GM signed the UN Global Compact - CEO Water Mandate to support global water security.

GM's commitment supports the Global Compact's ten principles and the company's intent to maintain the principles and to evaluate related global best practices that may be applicable to GM. Of these ten principles, Environment is specifically tied to Principles 7, 8 and 9, which state: • UNGC Principle 7 – Businesses should support a precautionary approach to environmental challenges. • UNGC Principle 8 – Businesses should undertake initiatives to promote greater environmental responsibility. • UNGC Principle 9 – Businesses should encourage the development and diffusion of environmentally friendly technologies. GM's Guiding Environmental Commitments encourage environmental consciousness in both daily conduct and in the planning of future products and programs. We are dedicated to:

- Preventing deforestation, conserving water, caring for natural resources in and around our facilities and the communities where we operate.
- We believe climate change is real and are committed to the public disclosure of our greenhouse gas emissions and taking actions to reduce them.
- Renewable Energy We are committed to using renewable energy at our facilities and sites globally and will advocate for policies that promote renewable energy use and demand.

General Motors is reporting on actions related to deforestation related to Climate Change for our operations where we have operational control for deforestation for owned and joint ventures as applicable, as well as in our Supply Chain.

F0.2

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

	Start Date	End Date
Reporting year	January 1 2020	December 31 2020

F0.3

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

USD

F0.4

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

	Commodity disclosure	Stage of the value chain	Explanation if not disclosing
Timber products	Disclosing	Production Manufacturing	<Not Applicable>
Palm oil	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Cattle products	Disclosing	Manufacturing	<Not Applicable>
Soy	This commodity is not produced, sourced or used by our organization	<Not Applicable>	<Not Applicable>
Other - Rubber	Disclosing	Manufacturing	<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

(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)?

Timber products

Activity

Distributing/packaging

Form of commodity

Tertiary packaging

Source

Multiple contracted producers

Country/Area of origin

Ecuador
Germany
India

% of procurement spend

<1%

Comment

The countries listed are not the origin of the timber, but the country of origin of the manufacturer. Spend on packaging is tracked as an indirect material as it is not part of the vehicle sold for the majority of packaging. The total spend on indirect materials for packaging is tracked by two commodity teams - "Packaging" and "Containerization" or 0.01% of total supply chain spend.

Cattle products

Activity

Using as input into product manufacturing

Form of commodity

Hides/leather

Source

Contracted suppliers (processors)

Country/Area of origin

Argentina
Brazil
China
Germany
Mexico
United States of America

% of procurement spend

<1%

Comment

As GM does not procure leather directly, we estimate 80 million square feet or 1.8 million hides are procured by our tier 1 suppliers to support our vehicle parts manufacturing process for seats and interiors in some models – representing an estimated 0.2% of our total procurement spend. The countries listed are major manufacturing sites for seats and users of leather products and not specific to our leather procurement as we track seats and interiors manufacturing locations, not the country of origin of the cattle hides necessarily, but inclusive of seat manufacturing and likely locations of tanneries and cattle ranches.

Other - Rubber

Activity

Buying manufactured products

Form of commodity

Other, please specify (Rubber is the main raw material used in manufacturing tires, and both natural and synthetic rubber are used. Natural rubber is found as a milky liquid in the bark of the rubber tree, Hevea Brasiliensis.)

Source

Contracted suppliers (manufacturers)

Country/Area of origin

China
India
Thailand

% of procurement spend

1-5%

Comment

GM buys tires manufactured in 21 countries. The three countries listed are tire manufacturing locations for GM suppliers in Asia. This is not the origin of the rubber commodity, but the origin of the manufacturing of the tire from our tier 1 suppliers that coincides with countries in Asia, where 90% of the world's natural rubber supply originates. Our estimated spend on tires procured from our tier 1 suppliers compared to total supply chain spend or 2%.

F1.2

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

	% of revenue dependent on commodity	Comment
Timber products	<1%	Packaging material purchased as an indirect material that is used in manufacturing and is not part of our direct material use (materials that leave with the sold vehicle) is tracked in Commodity Teams under "Packaging" and "Containerization" The revenue dependent on timber is calculated based on spend on packaging compared to our total spend on purchased goods and services or 0.01%.
Palm oil	<Not Applicable>	<Not Applicable>
Cattle products	21-30%	As GM does not procure leather directly, but it is part of the vehicle manufacturing for seats and interiors in some models from our tier 1 suppliers. We used an estimate of leather use in interiors for 1.8 Million vehicles or 26% of our revenue is currently partially dependent on leather. The percent of revenue value is based on a high level estimate of company revenue and allocation by total vehicle sales in 2020 of 6.8 Million vehicles.
Soy	<Not Applicable>	<Not Applicable>
Other - Rubber	81-90%	Natural rubber used to manufacture tires by our supply chain is essential to selling vehicles. 89% of our revenue from Automotive vehicle sales is dependent on rubber as a raw material for tires.
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

F1.3

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

Forest risk commodity

Timber products

Type of control

Own land

Country/Area

Brazil

Land type

<Not Applicable>

Area (Hectares)

33

% Area certified

0

Certification scheme

No certified area in this country/area

Conversion of natural ecosystems during the reporting year

No

Area converted during the reporting year (hectares)

<Not Applicable>

% covered by natural forests

<Not Applicable>

Please explain

GM has planted trees and vegetation at our proving grounds (test track) site in Indaiatuba, Sao Paulo, Brazil for land conservation. As part of the conservation efforts, we contract to have timber removed as needed to maintain the site.

F1.4

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

Forest risk commodity

Timber products

Country/Area

Brazil

Type of control

Own land

Land type

Other land type, please specify (Conservation area is part of our vehicle test track site where we test vehicles.)

Area (hectares)

563

% covered by natural forests

6

Please explain

The test track site land has various areas of permanent preservation totalling 2,255,000 m². More than 500,000 tree seedlings, including native species, have been planted since 1972. We currently contract to have the area cultivated to preserve the area and prevent fires.

F1.5

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

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

F1.5a

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

Forest risk commodity

Timber products

Data type

Consumption data

Volume

158333

Metric

Metric tons

Data coverage

Full commodity production/consumption

Please explain

<Not Applicable>

Forest risk commodity

Other - Rubber

Data type

Consumption data

Volume

49096

Metric

Metric tons

Data coverage

Partial commodity production/consumption

Please explain

The amount of natural rubber was estimated based on 4 X 2020 vehicle sales X 19% natural rubber content multiplied by the estimated average weight of a tires for GM's vehicle line up at 9.5 KG. We did not include other minor uses in other rubber auto parts, e.g. hoses and weather-stripping.

Forest risk commodity

Cattle products

Data type

Consumption data

Volume

6563539

Metric

Square meters

Data coverage

Partial commodity production/consumption

Please explain

Consumption is estimated from our design group based on area of leather used, including waste, in seats and interiors of GM's full line up of vehicles multiplied by vehicle sales volumes. As it did not include a comprehensive search for all leather use, we are disclosing partial commodity consumption, but are including the waste component from our tier suppliers.

F1.5b

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

Forest risk commodity

Timber products

Country/Area of origin

Unknown origin

State or equivalent jurisdiction

<Not Applicable>

% of total production/consumption volume

100

Please explain

In 2020 we have established a companion sustainable materials workstream that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any virgin material used in our packaging going forward is certified by the Sustainable Forestry Initiative (SFI). A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources. Although the country of origin is unknown to GM at this time as we buy packaging manufactured from timber and are committing to use of recycled content and sustainable virgin materials certified by SFI in our future customer outward facing packaging.

Forest risk commodity

Cattle products

Country/Area of origin

Unknown origin

State or equivalent jurisdiction

<Not Applicable>

% of total production/consumption volume

100

Please explain

GM procures seats and other interior parts that may contain leather, but we do not currently track the country of origin of leather production from our tier 4 and beyond suppliers at the cattle ranches. We are in the early stages of working with suppliers at the country of origin for sustainability and traceability. We do have the ability to trace leather products to the tannery and use the information for quality purposes currently.

Forest risk commodity

Other - Rubber

Country/Area of origin

Unknown origin

State or equivalent jurisdiction

<Not Applicable>

% of total production/consumption volume

100

Please explain

GM does not currently track the supply chain source for natural rubber for each of our tire suppliers. However, GM is a founding member of GPSNR. Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation. GM visited one of our tier 1 tire suppliers' upstream supplier of natural rubber in Thailand to observe operations in 2018 to further understand the process of supplying natural rubber. We are actively participating with GPSNR to collaborate on sustainable sourcing of Natural Rubber in our supply chain.

F1.6

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

No

F2. Procedures

F2.1

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

Yes, forests-related risks are assessed

(F2.1a) Select the options that best describe your procedures for identifying and assessing forests-related risks.**Timber products****Value chain stage**

Direct operations

Coverage

Full

Risk assessment procedure

Assessed as part of other company-wide risk assessment system

Frequency of assessment

Annually

How far into the future are risks considered?

3 to 6 years

Tools and methods used

Internal company methods

External consultants

Please explain

GM has not experienced detrimental impacts related to lack of cardboard supply. Our focus for improving the sustainable supply of cardboard is increasing use of returnable containers, recycled content, reuse, and recycling to reduce impact on forests, landfills, and climate change due to carbon emissions. We have an active recycling program for cardboard and track volumes we reuse, recycle, incinerate, and landfill and the associated carbon emissions from landfills and the amount we offset with recycling. As an example, GM recycles 50% of corrugated containers avoiding about 375,000 tons of CO₂e emissions compared to landfill. We also have established a companion sustainable materials workstream that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with a supplier for all consumer-facing packaging. They prioritize recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any paper fiber-based virgin material used in our merchandized packaging going forward will be certified by the Sustainable Forestry Initiative (SFI). A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources.

Cattle products**Value chain stage**

Supply chain

Coverage

Partial

Risk assessment procedure

Assessed as part of an established enterprise risk management framework

Frequency of assessment

Annually

How far into the future are risks considered?

3 to 6 years

Tools and methods used

Internal company methods

Please explain

Over the past few years, we have developed a robust in-house, customized supply chain visibility tool, which integrates GM plants, Tier I suppliers, known Tier II suppliers and logistics nodes. This tool gives us the capability to map geographic locations and relationships across the GM supply chain. The tool also incorporates 24/7 monitoring and Global Incident Mapping (GIM) of potential disruptive events that could impact our supply chain partners worldwide. Although the risk assessment is not focused on forestry risks, supply chain risks for vehicle parts, e.g. seats with leather content is included. Currently the leather market supply greatly exceeds the demand.

Other - Rubber

Value chain stage

Supply chain

Coverage

Full

Risk assessment procedure

Assessed as a standalone issue

Frequency of assessment

Annually

How far into the future are risks considered?

> 6 years

Tools and methods used

External consultants

Please explain

GM performs a life cycle assessment on the auto parts that are manufactured by our suppliers using a 3rd party, Climate Earth, for supply chain impacts in GHG, Water, Energy, and Land Use. Land Use Forests in square meters is analyzed on a commodity basis and tires with natural rubber as a key ingredient was the highest impact of all of our parts. That led us to further investigate the impact of natural rubber by our supply chain on land use and deforestation. The industry supports more than 5 million people in Southeast Asia who benefit from the jobs created by its value chain. The industry is susceptible to human rights violations and unethical business practices, including land grabbing and the threatening of wildlife and endangered species across the region. General Motors became the first automaker to commit to sustainable natural rubber in 2017, and in 2018 became a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). GPSNR is an international, multi-stakeholder organization, with a mission to lead improvements in the socioeconomic and environmental performance of the natural rubber value chain. Members of the platform include rubber suppliers and processors, tire manufacturers, automakers and NGOs. GM believes that sourcing tires produced using sustainable natural rubber has a number of community, business and environmental benefits, including: • Preserving and restoring primary forests, high conservation value, and high carbon stock areas • Improving yield and quality for natural rubber farmers, further supporting the small businesses that contribute 85 percent of this material. • Mitigating business risk related to supply chain sourcing and performance and helping assure long-term availability of a key commodity. GM actively participates in two working groups: the Strategy and Objectives Working Group and the Policy Toolbox Working Group. Through our involvement in the GPSNR, we want to also ensure that the natural rubber in every tire is produced in a way that's consistent with our environmental and social commitments. Over the past few years, we have developed a robust in-house, customized supply chain visibility tool, which integrates GM plants, Tier I suppliers, known Tier II suppliers and logistics nodes.

F2.1b

(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

Over the past few years, we have developed a robust in-house, customized supply chain visibility tool, which integrates GM plants, Tier I suppliers, known Tier II suppliers and logistics nodes. This tool gives us the capability to map geographic locations and relationships across the GM supply chain. The tool also incorporates 24/7 monitoring and Global Incident Mapping (GIM) of potential disruptive events that could impact our supply chain partners worldwide. Although the risk assessment is not focused on forestry risks, supply chain risks for vehicle parts, e.g. tires with natural rubber content and seats with leather content is included. Packaging is not seen as a commodity supply chain risk, but we are developing mitigation plans based on environmental benefits.

Quality of forest risk commodities

Relevance & inclusion

Relevant, always included

Please explain

As quality of supply chain parts is critical to vehicle quality, the same process for supply capabilities considers quality of supply chain parts as well. Over the past few years, we have developed a robust in-house, customized supply chain visibility tool, which integrates GM plants, Tier I suppliers, known Tier II suppliers and logistics nodes. This tool gives us the capability to map geographic locations and relationships across the GM supply chain. The tool also incorporates 24/7 monitoring and Global Incident Mapping (GIM) of potential disruptive events that could impact our supply chain partners worldwide. Although the risk assessment is not focused on forestry risks, supply chain risks for quality vehicle parts, e.g. tires with natural rubber content and seats with leather content is included. Packaging is not seen as a commodity supply chain risk, but we are developing mitigation plans based on environmental benefits.

Impact of activity on the status of ecosystems and habitats

Relevance & inclusion

Relevant, sometimes included

Please explain

An example of recognizing the impact on ecosystems and habitats is our activity on natural rubber production in our supply chain for tires. General Motors became the first automaker to commit to sustainable natural rubber in 2017, and in 2018 became a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). GPSNR is an international, multistakeholder organization, with a mission to lead improvements in the socioeconomic and environmental performance of the natural rubber value chain. Members of the platform include rubber suppliers and processors, tire manufacturers, automakers and NGOs. GM appreciates the opportunity to collaborate with peers, suppliers and civil society organizations to collectively move the needle on sustainable natural rubber. GM believes that sourcing tires produced using sustainable natural rubber has a number of community, business and environmental benefits, including: • Preserving and restoring primary forests and high conservation value and high carbon stock areas that are critical to addressing climate change and protecting wildlife. • Improving yield and quality for natural rubber farmers, further supporting the small businesses that contribute 85 percent of this material. • Mitigating business risk related to supply chain sourcing and performance and helping assure long-term availability of a key commodity. GM actively participates in two working groups: the Strategy and Objectives Working Group and the Policy Toolbox Working Group. In the former, we work to define the theory of change and ensure strategic alignment across the other working groups; and in the latter, we are working with NGOs and suppliers on crafting specific policy commitments and disclosures that company members will be expected to adopt. We want to make sure that every tire mounted on every General Motors vehicle meets the highest standards for safety and quality. Through our involvement in the GPSNR, we want to also ensure that the natural rubber in every tire is produced in a way that's consistent with our environmental and social commitments. We recognize that in today's complex global marketplace, no one can do it all by themselves, which is why we're proud to be part of this collaborative, multistakeholder initiative.

Regulation

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Climate change

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. The Committee is supported by the Chief Auditor, who is supported by a Senior Manager of Strategic Risk Management (SRM) and their team that is fully dedicated to risk management at GM. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board. Further, the Governance and Corporate Responsibility Committee is responsible for overall oversight of ESG for the company, including oversight of its Human Rights policy. The full Board is also provided with Sustainability and ESG updates on key topics, including relevant supply chain topics.

Impact on water security

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. The Committee is supported by the Executive Director of Strategic Risk Management (SRM), who is fully dedicated to risk management at GM. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Tariffs or price increases

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Loss of markets

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Leakage markets

Relevance & inclusion

Not relevant, explanation provided

Please explain

For the 3 commodities of Timber, Cattle, and Rubber, GM does not find leakage markets for these materials relevant as our supply chain tier market is well established with strict quality and technology specifications that minimizes leakage market participation by our Tier 1 suppliers.

Brand damage related to forest risk commodities

Relevance & inclusion

Not relevant, explanation provided

Please explain

We have not experienced Brand damage potential risk related to forest commodities of timber, cattle, or rubber.

Corruption

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Social impacts

Relevance & inclusion

Relevant, always included

Please explain

The Risk and Cybersecurity Committee of the Board is responsible for overseeing the company's management of enterprise-level risks, including climate-related risks such as climate-related policies and regulations that can impact products, services and operations, along with the SRM program and processes. All top risks, including climate-related risks, such as increased and more stringent greenhouse gas (GHG) emission regulations, have approved mitigation plans and are reviewed regularly by the Senior Leadership Team (SLT) and the Board.

Other, please specify

Relevance & inclusion

Please explain

F2.1c

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

Customers

Relevance & inclusion

Not relevant, explanation provided

Please explain

In 2019 General Motors had a third party conduct a materiality assessment related to sustainability issues based on a process outlined in GRI Technical Protocol. Two online surveys were deployed to GM employees and external stakeholders globally. Internal respondents were asked to rate the level of impact each topic would have on GM's business over the next five years, as well as selecting topics that represented the greatest leadership opportunities and greatest business risks for GM. Forest related and biodiversity risks were not identified as a main material issue at this time.

Employees

Relevance & inclusion

Not relevant, explanation provided

Please explain

In 2019 General Motors had a third party conduct a materiality assessment related to sustainability issues based on a process outlined in GRI Technical Protocol. Two online surveys were deployed to GM employees and external stakeholders globally. Internal respondents were asked to rate the level of impact each topic would have on GM's business over the next five years, as well as selecting topics that represented the greatest leadership opportunities and greatest business risks for GM. Forest related and biodiversity risks were not identified as a main material issue at this time.

Investors

Relevance & inclusion

Relevant, always included

Please explain

CDP investors requested that GM respond to CDP Forests in 2020. A significant number of GM's institutional investors are among CDP investors. We are responding to CDP Forests to disclose or management of risks to investors at their request.

Local communities

Relevance & inclusion

Relevant, always included

Please explain

In 2019 General Motors had a third party conduct a materiality assessment related to sustainability issues based on a process outlined in GRI Technical Protocol. Two online surveys were deployed to GM employees and external stakeholders globally. Internal respondents were asked to rate the level of impact each topic would have on GM's business over the next five years, as well as selecting topics that represented the greatest leadership opportunities and greatest business risks for GM. Forest related and biodiversity risks were not identified as a material issue at this time. GM is a founding member of Global Platform for Sustainable Natural Rubber (GPSNR). Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability, all of which is good for local communities. Tire suppliers, rubber refiners, NGOs and further upstream actors, like communities, also hold a collaborative role in GPSNR.

NGOs

Relevance & inclusion

Relevant, always included

Please explain

GM engages with numerous NGOs, such as the World Wildlife Fund, with whom we connected relating to the risks of rubber production.

Other forest risk commodity users/producers at a local level

Relevance & inclusion

Relevant, always included

Please explain

Thanks to GM's connection with the World Wildlife Fund and role as founding member of the Global Platform for Sustainable Natural Rubber (GPSNR), we are now more fully informed on the risks relating to rubber production.

Regulators

Relevance & inclusion

Relevant, sometimes included

Please explain

GM is a consumer of forest risk related commodities and regulations for forestry are directed at companies that have operations in growing forestry products, not consumers. Where we own land that grows timber, we follow all local laws and regulations.

Suppliers

Relevance & inclusion

Relevant, always included

Please explain

Thanks to GM's connection with the World Wildlife Fund and role as founding member of the Global Platform for Sustainable Natural Rubber (GPSNR), we are now more fully informed on the risks from rubber production. While GM does not itself conduct any formal forest risk assessments with natural rubber, we do encourage our tire suppliers to conduct such assessments, and are working within the GPSNR platform to establish formal forest risk assessment procedures and reporting across the supply chain. When fully finished and implemented, this should result in greater transparency about forest risks from natural rubber.

Other stakeholders, please specify

Relevance & inclusion

Please explain

F3. Risks and opportunities

F3.1

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

	Risk identified?
Timber products	No
Palm oil	<Not Applicable>
Cattle products	No
Soy	<Not Applicable>
Other - Rubber	Yes
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?

Within our enterprise risk management process, GM's risk assessment process includes both a quantitative and qualitative assessment of risks and opportunities. From a quantitative perspective, GM evaluates risks and opportunities based on their potential impact on certain key financial statement amounts and operating results (e.g., assets, revenues, earnings, cash flow, etc.). From a qualitative perspective, GM evaluates risks and opportunities based on the consideration of all of the other relevant facts and circumstances, including strategic significance, potential impact on reputation, and probability of occurrence. For example, while the water-related risks at any individual GM facility may not be substantive to GM as a whole, GM could face a substantive water-related risk related to its ability to build new manufacturing capacity in regions without sufficient water supply to support necessary production volumes. Therefore, risks identified in this report as having a "substantive" impact will vary from risk to risk in terms of quantitative and qualitative perspectives. The use of "significant," "substantive," "material," or "materiality" in this report and our other sustainability reporting is not related to or intended to convey matters or facts that could be deemed "material" to a reasonable investor as referred to under U.S. securities laws or similar requirements of other jurisdictions.

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

Other - Rubber

Type of risk

Reputational and markets

Geographical scale

Global

Where in your value chain does the risk driver occur?

Supply chain

Primary risk driver

Availability of certified sustainable material

Primary potential impact

Supply chain disruption

Company-specific description

Rubber production and its economic impact are important worldwide, as 85 percent of natural rubber comes from the work of 6 million farmers, most operating at a small scale. And, thanks to General Motors' connection with the World Wildlife Fund, we have learned about the risks of rubber production, including for forests in Southeast Asia, where 90 percent of the world's natural rubber originates. Members of our global purchasing and supply chain, supplier quality, product development and sustainability teams joined other corporate partners from the tire industry and NGOs to trace the value chain in Southeast Asia from rubber plantations, dealers and processors all the way to a tire manufacturing plant. "Meeting some of the farmers who make up the more than 84,000 natural rubber farms and actually tapping a rubber tree was a revelation for our team," said Matt Wilson, global commodity team lead for tires at General Motors. "We source more than 30 million tires each year. Understanding where and how tires are produced instills greater focus on ensuring ethical business practices are followed in our supply chain and in the industry."

Timeframe

>6 years

Magnitude of potential impact

Low

Likelihood

Unlikely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact (currency)

<Not Applicable>

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial

GM is in the early stages of identifying the risk impact from a business and financial perspective. The first General Assembly of the Global Platform for Sustainable Natural Rubber (GPSNR) took place on March 21, 2019, in Singapore with General Motors participating as a proud founding member. The second general assembly occurred virtually in September 2020 with working group report outs in 2020 also. GPSNR is an independent, multi-stakeholder platform developed to lead improvements in socioeconomic and environmental performance of the natural rubber value chain. Through this partnership we hope to gain more insight on risks and mitigation methods for the tire industry.

Primary response to risk

Engagement in multi-stakeholder initiatives

Description of response

Our response to the forestry risk of rubber are multi-faceted, including personal involvement with our suppliers and visiting raw material suppliers in Thailand, to joining GPSNR as a founding member, to joining with one of our tire suppliers, Michelin, to develop airless tires that could reduce the dependence on rubber as a key raw material for tires. Michelin and General Motors presented a new generation of airless wheel technology, the MICHELIN Uptis Prototype (or "Unique Puncture-proof Tire System"), at the Movin' On Summit for sustainable mobility. GM intends to develop this airless wheel assembly with Michelin and aims to introduce it on passenger vehicles as early as 2024. "General Motors is excited about the possibilities that Uptis presents, and we are thrilled to collaborate with Michelin on this breakthrough technology," said Steve Kiefer, senior vice president, Global Purchasing and Supply Chain, General Motors. "Uptis is an ideal fit for propelling the automotive industry into the future and a great example of how our customers benefit when we collaborate and innovate with our supplier partners." Airless technology makes the Uptis Prototype eliminate flats and blowouts. This means Uptis offers significant potential for reducing the use of raw materials and waste.

Cost of response

0

Explanation of cost of response

As we are in the early stages of the response, we are not sure of the impact or cost/savings for the initiatives described.

F3.1c

(F3.1c) Why does your organization not consider itself to be exposed to forests-related risks with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Timber products	Evaluation in progress	We have established a companion sustainable materials working group that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate around current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35% to 55% recycled content in corrugated boxes and 100% recycled content in coated boards. Any virgin material used in our packaging produced by WestRock going forward will be certified by the Sustainable Forestry Initiative (SFI). As of year-end 2020, approximately 7,000 parts for GM Customer Care & Aftersales (CCA) were packaged in WestRock's sustainable consumer-facing packaging. This scope and volume is expected to expand rapidly. In 2021, use of sustainable packaging from WestRock will increase in GM North America CCA facilities and Tier 1 supplier facilities, and will launch for the first time in Korea and Brazil. In addition to embedding sustainable materials in the packaging, WestRock has partnered with the Sustainable Workplaces team on a recycling project to create new packaging out of used cardboard from GM sites. Another recent packaging success story has been around the ventilators, masks and face shields that GM produced in response to the COVID-19 pandemic. The boxes used for these products, provided by supplier Menasha, contain 33% to 95% recycled content, with remaining materials coming from SFI-certified sources.
Palm oil	<Not Applicable >	<Not Applicable>
Cattle products	Evaluation in progress	GM is continually researching new and innovative materials that will help us mitigate our environmental impact while driving customer focused design and innovation. Plant-based materials, biofabricated materials, regenerative farming and lower impact leather tanning practices, as well as alternatives to chrome, are among the emerging practices and materials that we are striving to design into GM products. As we replace conventional materials with more sustainable materials, we will work to ensure that vehicle performance remains constant in every type of driving condition and for the life of the vehicle. The GMC HUMMER EV uses an alternative material for all applications that would otherwise use leather. Once a more sustainable material is identified, we also consider when to introduce the new material into the vehicle design and production cadence based on performance, environmental impacts and other factors.
Soy	<Not Applicable >	<Not Applicable>
Other - Rubber	<Not Applicable >	<Not Applicable>
Other - Cocoa	<Not Applicable >	<Not Applicable>
Other - Coffee	<Not Applicable >	<Not Applicable>

F3.2

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

	Have you identified opportunities?
Timber products	Yes
Palm oil	<Not Applicable>
Cattle products	Yes
Soy	<Not Applicable>
Other - Rubber	Yes
Other - Cocoa	<Not Applicable>
Other - Coffee	<Not Applicable>

F3.2a

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

Forest risk commodity

Cattle products

Type of opportunity

Efficiency

Where in your value chain does the opportunity occur?

Supply chain

Primary forests-related opportunity

Cost savings

Company-specific description & strategy to realize opportunity

An example of an opportunity to reduce leather waste and save cost was identified during a GM Sustainable Workplaces event with a TACKLE Challenge using iHub to ask employees: What can you do in your role to reduce, reuse, and recover? Over 120 ideas centered on sustainable materials, manufacturing, process changes, and more were submitted to the iHub platform between June and August. The dynamic submissions represent 69 cross-department collaborations with 268 participants from 11 locations globally. The top idea moving forward came from a GM creative designer in Color & Trim and involves repurposing scrap leather from our supply chain into accessory parts.

Estimated timeframe for realization

4-6 years

Magnitude of potential impact

Low

Likelihood

Likely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

Reusing GM's supply chain waste leather for other commodities is being studied for feasibility and we started to reach out beyond tier 1 to leather suppliers to more fully understand the waste issue and root cause.

Forest risk commodity

Other - Rubber

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

GM joined with one of our tire suppliers, Michelin, to develop airless tires that could reduce the dependence on rubber as a key raw material for tires. Michelin and General Motors presented a new generation of airless wheel technology, the MICHELIN Uptis Prototype (or "Unique Puncture-proof Tire System"), at the Movin' On Summit for sustainable mobility. Through a joint research agreement, GM and Michelin have partnered to co-develop the MICHELIN Uptis Prototype (Unique Puncture-Proof Tire System) with a goal to make the Uptis a mainstream reality on passenger vehicles as early as 2024. The partnership began testing the prototype on a fleet of Chevrolet Bolt EVs in 2019. This collaborative innovation features airless wheels. The Uptis Prototype mitigates costly problems and unsafe conditions related to flats and blowouts. Additionally, the technology enables airless tires to last longer than standard ones. It also presents an opportunity for substantial reduction in raw materials, energy, emissions and waste related to tire manufacturing, use and repair. The airless wheel directly supports our vision of Zero Crashes, given that 20 percent of drivers annually suffer an air loss that may result in crashes and large amounts of tire waste and congestion on roads. Many of these issues will be mitigated with an airless wheel assembly. Also, part of the work in Global Platform for Sustainable Natural Rubber (GPSNR) is geared around ensuring the long term sustainability of natural rubber production (e.g. ensuring a secure supply by minimizing land use conversion, employing high yield practices and trees, and promoting local community development).

Estimated timeframe for realization

4-6 years

Magnitude of potential impact

Medium

Likelihood

Likely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

The opportunities for cost savings and reducing risk in the supply chain are under investigation and not ready for disclosure at this time.

Forest risk commodity

Timber products

Type of opportunity

Efficiency

Where in your value chain does the opportunity occur?

Direct operation

Supply chain

Primary forests-related opportunity

Increased efficiency of manufacturing and/or distribution processes

Company-specific description & strategy to realize opportunity

GM is participating with our supply chain in continuous improvement with an aspiration of making packaging 100% returnable or made from majority sustainable content and zero waste by 2030. The GPSC Sustainability Team created multiple new forums for engagement with suppliers in 2020. Several virtual symposia were organized, and centered upon numerous sustainability topics. The first symposium, titled Sustainability Through Innovation, featured 14 speakers from a variety of industries who presented on topics related to sustainable packaging, green logistics, supplier emissions, culture change and sustainable materials. More than 650 participants from 18 countries took part in the event. We followed up with a Packaging Symposium and Energy Symposium, both of which featured conversations with subject matter experts and thought leaders who shared insights into best practices and innovative solutions.

Estimated timeframe for realization

>6 years

Magnitude of potential impact

Low

Likelihood

About as likely as not

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

The opportunities for cost savings and reducing risk in the supply chain are under investigation and not ready for disclosure at this time.

F4. Governance

F4.1

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

Yes

F4.1a

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

Position of individual	Please explain
Director on board	Oversight of ESG and public policy issues are handled by the Governance and Corporate Responsibility Committee of the Board of Directors. The Governance and Corporate Responsibility Committee receives updates from the Sustainability group each year and oversees relevant policies, such as the Human Rights policy.

F4.1b

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

	Frequency that forests-related issues are a scheduled agenda item	Governance mechanisms into which forests-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Overseeing acquisitions and divestiture 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	Oversight of ESG and public policy issues are handled by the Governance and Corporate Responsibility Committee of the Board of Directors. The Governance and Corporate Responsibility Committee receives updates from the Sustainability group each year and oversees relevant policies, such as the Human Rights policy.

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 Procurement Officer (CPO)	Both assessing and managing forests-related risks and opportunities	Annually	GM's Senior Vice President Global Purchasing and Supply Chain approved our participation in Global Platform for Sustainable Natural Rubber (GPSNR). GM believes that sourcing tires produced using sustainable natural rubber has a number of community, business and environmental benefits, including: <ul style="list-style-type: none"> • Preserving and restoring primary forests and high conservation value and high carbon stock areas that are critical to addressing climate change and protecting wildlife. • Improving yield and quality for natural rubber farmers, further supporting the small businesses that contribute 85 percent of this material. • Mitigating business risk related to supply chain sourcing and performance and helping assure long-term availability of a key commodity. GM actively participates in two working groups at GPSNR: the Strategy and Objectives Working Group and the Policy Toolbox Working Group. In the former, we work to define the theory of change and ensure strategic alignment across the other working groups; and in the latter, we are working with NGOs and suppliers on crafting specific policy commitments and disclosures that company members will be expected to adopt. Oversight of ESG and public policy issues are handled by the Governance and Corporate Responsibility Committee of the Board of Directors. The Governance and Corporate Responsibility Committee receives updates from the Sustainability group each year and oversees relevant policies, such as the Human Rights policy.

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	No, and we do not plan to introduce them in the next two years	Our fully independent Executive Compensation Committee works closely with its independent advisor each year to set appropriate metrics for the Company's incentive compensation programs. The Committee has designed the Company's short-term incentive plan to incentivize our executive officers to deliver on GM's key strategic initiatives, many of which are expected to reduce GM's greenhouse gas ("GHG") emissions, including executing GM's EV growth strategy, pursuing science-based targets for carbon reduction, and achieving GHG emissions compliance in all global markets. The STIP awards build upon the Committee's established practice of evaluating the performance of each executive based on how he or she performs relative to pre-established strategic goals, which focus on both operational and sustainability results. As a result, sustainability performance on matters such as GHG emissions targets has impacted our executives' individual compensation decisions since 2017.

F4.4

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

No, and we have no plans to do so

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 transparency	GM is a signatory to the UN Global Compact, which has a section on the Environment. Our Supplier Code of Conduct also has a section on the Environment that references principles 7-9. Two areas of the code address policy related to supply chains and sustainable materials: <ol style="list-style-type: none"> 1. Continuous Improvement Suppliers will increase efficiency throughout their companies and take measures to reduce their carbon footprint, energy use, water use, wastes, and other emissions. Over time, GM expects suppliers will establish targets and be transparent in their progress toward their targets. 2. Responsible Stewardship Suppliers will look to conserve resources and protect the communities and environment that surround them. GM encourages its suppliers to develop and diffuse environmentally friendly technologies and to increase the use of renewable energies. Additionally, GM has a global environmental policy, including "GM's Guiding Environmental Commitments" that states "We are committed to actions that restore and preserve the environment. We are dedicated to: <ul style="list-style-type: none"> • Preventing deforestation, conserving water, caring for natural resources in and around our facilities and the communities where we operate.

Global Environmental Policy.pdf

F4.5b

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

	Do you have a commodity specific sustainability policy?	Scope	Content	Please explain
Timber products	Yes	Company-wide	Commitments beyond regulatory compliance Commitment to transparency Commitment to align with the SDGs	In addition to GM's Global Environmental Policy, our Supplier code of conduct relates to all commodities. Two areas of the code address policy related to supply chains and sustainable materials: 1. Continuous Improvement Suppliers will increase efficiency throughout their companies and take measures to reduce their carbon footprint, energy use, water use, wastes, and other emissions. Over time, GM expects suppliers will establish targets and be transparent in their progress toward their targets. 2. Responsible Stewardship Suppliers will look to conserve resources and protect the communities and environment that surround them. GM encourages its suppliers to develop and diffuse environmentally friendly technologies and to increase the use of renewable energies.
Palm oil	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Cattle products	Yes	Company-wide	Commitments beyond regulatory compliance Commitment to transparency Commitment to align with the SDGs	In addition to GM's Global Environmental Policy, our Supplier code of conduct relates to all commodities. Two areas of the code address policy related to supply chains and sustainable materials: 1. Continuous Improvement- Suppliers will increase efficiency throughout their companies and take measures to reduce their carbon footprint, energy use, water use, wastes, and other emissions. Over time, GM expects suppliers will establish targets and be transparent in their progress toward their targets. 2. Responsible Stewardship- Suppliers will look to conserve resources and protect the communities and environment that surround them. GM encourages its suppliers to develop and diffuse environmentally friendly technologies and to increase the use of renewable energies.
Soy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Rubber	Yes	Company-wide	Commitments beyond regulatory compliance Commitment to transparency Commitment to align with the SDGs	In addition to GM's Global Environmental Policy, our Supplier code of conduct relates to all commodities. Two areas of the code address policy related to supply chains and sustainable materials: 1. Continuous Improvement- Suppliers will increase efficiency throughout their companies and take measures to reduce their carbon footprint, energy use, water use, wastes, and other emissions. Over time, GM expects suppliers will establish targets and be transparent in their progress toward their targets. 2. Responsible Stewardship- Suppliers will look to conserve resources and protect the communities and environment that surround them. GM encourages its suppliers to develop and diffuse environmentally friendly technologies and to increase the use of renewable energies.
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

F4.6a

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

Other, please specify (Global Platform for Sustainable Natural Rubber has finalized standards that help protect human rights, uphold fair business practices, protect biodiversity & water resources, improve yields, and increase supply chain transparency and traceability.)

F4.6b

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

Forest risk commodity

Other - Rubber

Criteria

Other, please specify (GM is a founding member of the Global Platform for Sustainable Natural Rubber)

Operational coverage

Direct operations

% of total production/ consumption covered by commitment

100%

Cutoff date

2020

Commitment target date

>2030

Please explain

General Motors' vision is to create a world with Zero Crashes, Zero Emissions and Zero Congestion. In 2017, General Motors announced a focus on sourcing sustainable natural rubber for tires. We continued to make progress in 2018 by helping bring together the automotive industry and global natural rubber stakeholders to encourage the movement to help transform the rubber supply chain. The first General Assembly of the Global Platform for Sustainable Natural Rubber took place on March 21, 2019, in Singapore with General Motors participating as a proud founding member. GPSNR is an independent, multi-stakeholder platform developed to lead improvements in socioeconomic and environmental performance of the natural rubber value chain. The GPSNR was formed after a series of global meetings between tire manufacturers and other rubber users, suppliers, processors, automakers and NGOs working to identify a comprehensive set of priorities for the natural rubber supply chain. It will seek to align standards to help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, while increasing supply chain transparency and traceability. Rubber production and its economic impact are important worldwide, as 85 percent of natural rubber comes from the work of 6 million farmers, most operating at a small scale. And, thanks to our connection with the WWF, we have learned about the risks from rubber production, including risks of contributing to deforestation, especially in Southeast Asia, where 90 percent of the world's natural rubber originates. Members of our global purchasing and supply chain, supplier quality, product development and sustainability teams joined other corporate partners from the tire industry and NGOs to trace the value chain in Southeast Asia from rubber plantations, dealers and processors all the way to a tire manufacturing plant. The GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation.

F5. Business strategy

F5.1

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

	Are forests-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, forests-related issues are integrated	5-10	An example of long-term business objective is to reduce natural rubber use with "Airless" tire technology makes the Uptis Prototype from Michelin, which mitigates flats and blowouts. This means Uptis offers significant potential for reducing the use of raw materials and waste, contributing to GM's vision for a world with zero crashes, zero emissions and zero congestion as it: Reduces the number of punctured or damaged tires that are scrapped before reaching the end of their life cycle. Reduces the use of raw materials, energy for production and emissions linked to the manufacture of spare tires and replacement tires that are no longer required. Lasts longer by eliminating irregular wear and tear caused by over- or under-inflation. Reduces dangers related to flats and blowouts.
Strategy for long-term objectives	Yes, forests-related issues are integrated	5-10	An example strategy to reduce impacts on timber is the use of returnable containers in-lieu of corrugated cardboard. Currently GM uses approximately 66% returnable containers in North America, with the remaining 34% in corrugated cardboard containers. Additionally, we recycle 50 % of timber related materials - cardboard and office paper. We also have established a companion sustainable materials workstream that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with a supplier for all consumer-facing packaging. The supplier prioritizes recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any virgin material used in our packaging going forward is certified by the Sustainable Forestry Initiative (SFI). A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources.
Financial planning	Yes, forests-related issues are integrated	5-10	Financial planning was part of our recent strategy related to sustainable packaging with these two as examples: 1. GM has partnered with a supplier for all consumer-facing packaging. They prioritize recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any virgin material used in our packaging going forward is certified by the Sustainable Forestry Initiative (SFI). 2. A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources.

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

Other - Rubber

Type of target

Other, please specify (50 percent sustainable content within our vehicles by 2030)

Description of target

In 2020, GM's chief sustainability officer and a cross-functional team of GM leaders engaged with Ceres-affiliated stakeholders in a discussion about GM's next generation of ESG goals, including, among other things: decarbonization, electrification, sustainable materials, setting a science-based climate goal and other aspects of environmental sustainability. Our aspiration is to strive for at least 50% sustainable material content in our vehicles by 2030.

Linked commitment

Other environmental commitments

Traceability point

<Not Applicable>

Third-party certification scheme

<Not Applicable>

Start year

2020

Target year

2030

Quantitative metric

Percentage

Target (number)

<Not Applicable>

Target (%)

50

% of target achieved

0

Please explain

Goal was established in 2020 and we are evaluating definitions and planning to measure our progress going forward. As we replace conventional materials with more sustainable materials, we will work to ensure that vehicle performance remains constant in every type of driving condition and for the life of the vehicle. The 2022 GMC HUMMER EV uses an alternative material for all applications that would otherwise use leather. Once a more sustainable material is identified, we also consider when to introduce the new material into the vehicle design and production cadence based on performance, environmental impacts and other factors.

Target reference number

Target 2

Forest risk commodity

Timber products

Type of target

Other, please specify (Returnable packaging 100% or made from majority sustainable content)

Description of target

Make packaging 100% returnable or made from majority sustainable content and zero waste by 2030.

Linked commitment

Other environmental commitments

Traceability point

<Not Applicable>

Third-party certification scheme

<Not Applicable>

Start year

2021

Target year

2030

Quantitative metric

Percentage

Target (number)

<Not Applicable>

Target (%)

100

% of target achieved

0

Please explain

We have established a companion sustainable materials working group that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate around current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35% to 55% recycled content in corrugated boxes and 100% recycled content in coated boards. Any virgin material used in our packaging produced by WestRock going forward will be certified by the Sustainable Forestry Initiative (SFI). As of year-end 2020, approximately 7,000 parts for GM Customer Care & Aftersales (CCA) were packaged in WestRock's sustainable consumer-facing packaging. This scope and volume is expected to expand rapidly. In 2021, use of sustainable packaging from WestRock will increase in GM North America CCA facilities and Tier I supplier facilities, and will launch for the first time in Korea and Brazil. In addition to embedding sustainable materials in the packaging, WestRock has partnered with the Sustainable Workplaces team on a recycling project to create new packaging out of used cardboard from GM sites. Another recent packaging success story has been around the ventilators, masks and face shields that GM produced in response to the COVID-19 pandemic. The boxes used for these products, provided by supplier Menasha, contain 33% to 95% recycled content, with remaining materials coming from SFI-certified sources.

F6.2

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

	Do you have system(s) in place?	Description of traceability system	Exclusions	Description of exclusion
Timber products	Yes	GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35% to 55% recycled content in corrugated boxes and 100% recycled content in coated boards. Any virgin material used in our packaging produced by WestRock going forward will be certified by the Sustainable Forestry Initiative (SFI). As of year-end 2020, approximately 7,000 parts for GM Customer Care & Aftersales (CCA) were packaged in WestRock's sustainable consumer-facing packaging.	Specific product line(s)	Our initial traceability system is for out-ward facing packaging for consumers.
Palm oil	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Cattle products	No	<Not Applicable>	<Not Applicable>	<Not Applicable>
Soy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Rubber	No	<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
Timber products	Not traceable	

F6.2b

(F6.2b) Why do you not have system(s) in place to track and monitor the origin of your disclosed commodity(ies) and what are your plans to develop these in the future?

Forest risk commodity

Cattle products

Primary reason

Insufficient data on operations

Please explain

We do not currently have visibility into our sub-tier suppliers (tier 4) for traceability. We need to study land use effect of leather use to determine if it is material to land use and deforestation and develop working relationships with sub-tier suppliers.

Forest risk commodity

Other - Rubber

Primary reason

Other, please specify (Early stages of evaluation to determine if tracking system are applicable and if so which ones are applicable.)

Please explain

GM is a founding member of GPSNR. Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation. We are in the early stages of cross-functional evaluation of a tracking system. We will evaluate and disclose as applicable in the future.

F6.3

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

	Third-party certification scheme adopted?	% of total production and/or consumption volume certified
Timber products	Yes	0
Palm oil	<Not Applicable>	<Not Applicable>
Cattle products	No, we have not adopted any third-party certification schemes for this commodity	<Not Applicable>
Soy	<Not Applicable>	<Not Applicable>
Other - Rubber	No, we have not adopted any third-party certification schemes for this commodity	<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

Timber products

Third-party certification scheme

Other, please specify (Sustainable Forestry Initiative (SFI))

Chain-of-custody model used

Not applicable

% of total production/consumption volume certified

0

Form of commodity

Other, please specify (Outward facing consumer packaging)

Volume of production/ consumption certified

0

Metric for volume

Metric tons

Is this certified by more than one scheme?

No

Please explain

GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35% to 55% recycled content in corrugated boxes and 100% recycled content in coated boards. Any virgin material used in our packaging produced by WestRock going forward will be certified by the Sustainable Forestry Initiative (SFI). As of year-end 2020, approximately 7,000 parts for GM Customer Care & Aftersales (CCA) were packaged in WestRock's sustainable consumer-facing packaging.

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	Yes, we have a system in place, but for other commitments	<Not Applicable>
Palm oil	<Not Applicable>	<Not Applicable>
Cattle products	No, but we plan to develop one within the next two years	Our commitment to having 50% sustainable materials in our vehicles by 2030 will involve all aspects of our supply chain. We are in the early stages of developing definitions and initiatives.
Soy	<Not Applicable>	<Not Applicable>
Other - Rubber	No, but we plan to develop one within the next two years	GM is a founding member of GPSNR. Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation. We are in the early stages of cross-functional evaluation of a tracking system. We will evaluate and disclose as applicable in the future.
Other - Cocoa	<Not Applicable>	<Not Applicable>
Other - Coffee	<Not Applicable>	<Not Applicable>

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	Yes, from owned and/or managed land	<Not Applicable>
Palm oil	<Not Applicable>	<Not Applicable>
Cattle products	No, we do not assess legal compliance	GM complies with legal requirements for procurement and use of seats that contain leather for countries and locations where we sell vehicles.
Soy	<Not Applicable>	<Not Applicable>
Other - Rubber	No, we do not assess legal compliance	GM complies with legal requirements for procurement and use of tires that contain natural rubber for countries and locations where we sell vehicles.
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.

Timber products

Procedure to ensure legal compliance

GM complies with local regulations using internal audits through GM Audit Services and the Self Evaluation Audit for compliance with ISO 14001. The Self Evaluation Audit follows the criteria below: 1) Auditor is not affiliated with GM CPCA 2) Process shall be completed between 10 to 14 months from the last audit 3) All items in the ISO 14001 must be verified at least every 3 years 4) A final report must be submitted to the environmental regional manager, coordinator of ISO 14001 and to the local environmental engineer. 5) If any non-conformity is identified, it shall be processed into Reliance EtQ system as a Corrective Action Plan. The local environmental engineer is responsible to include the Corrective Action into Reliance along with a root-cause analysis and a complete RASIC chart. A timeline for each action to correct the non-conformity is also included. If an Action is not corrected on a timely manner or within 12 months since its creation, the issue is escalated to senior leadership until it is resolved.

Country/Area of origin

Brazil

Law and/or mandatory standard(s)

General assessment of legal compliance

Comment

GM has planted trees and vegetation at our proving grounds site in Indaiatuba, Sao Paulo, Brazil for land conservation. As part of the conservation efforts, we contract to have timber removed as needed to maintain the site.

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	No, not working with smallholders	<Not Applicable>	<Not Applicable>	<Not Applicable>	We are not working with smallholders at this time.
Palm oil	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Cattle products	No, not working with smallholders	<Not Applicable>	<Not Applicable>	<Not Applicable>	We are not working with smallholders at this time.
Soy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Rubber	Yes, working with smallholders	Please select	Other, please specify (Global Platform for Sustainable Natural Rubber)	0	We are in the planning stages to include smallholders as part of the Global Platform for sustainable natural rubber (GPSNR).
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	Yes, working with direct suppliers	Other	Other, please specify (Required recycle content and SFI for virgin materials)	Please select	We also have established a companion sustainable materials workstream that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with WestRock as the preferred supplier for all consumer-facing packaging. WestRock prioritizes recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any virgin material used in our packaging going forward is certified by the Sustainable Forestry Initiative (SFI). A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources.
Palm oil	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Cattle products	No, not working with direct suppliers	<Not Applicable>	<Not Applicable>	<Not Applicable>	We have initiated a request for information from leather suppliers so we can evaluate options to reduce waste. We have incorporated within our sourcing process, an evaluation and dialogue focusing upon supplier best practices for minimizing waste, subscribing to animal welfare practices, and utilizing sustainable materials and processes. As a standard, our suppliers adhere to animal welfare treatment of cattle known as the "freedoms". The five freedoms include - freedom from hunger and thirst, discomfort, pain, injury or disease, freedom to express normal behavior, and freedom from fear and distress. Also, our suppliers have committed to the self governing and certification of the Leather Working Group, which has in place traceability and sustainable standards for leather manufacturers as well as other best practices.
Soy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Rubber	Yes, working with direct suppliers	Other	Other, please specify (Collaboration with Auto OEMs and Tire Suppliers via Global Platform for Sustainable Rubber.)	Please select	GM is a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation.
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	Yes, working beyond first tier	Other	Other, please specify (Tier one supplier for packaging working with sub-tiers to set recycle content and require all other materials to be certified by Sustainable Forestry Initiative (SFI))	We also have established a companion sustainable materials workstream that is dedicated to sustainable packaging. A multidisciplinary group has been tasked with developing a packaging goal and collecting data to better understand GM packaging specifications and requirements. The group is working closely with suppliers and external partners to innovate current practices and embed circular economy principles in packaging procurement and design. The current priority for this new group is to develop our road map for success that takes into account the full life cycle of our packaging and carbon analysis of the various opportunities. As part of this work, GM has partnered with a supplier for all consumer-facing packaging. They prioritize recycled content input in their sourcing, averaging 35 to 55 percent recycled content in corrugated boxes and 100 percent recycled content in coated boards. Any virgin material used in our packaging going forward is certified by the Sustainable Forestry Initiative (SFI). A recent packaging success story has been around the ventilators, masks and face shields that GM is producing in response to the COVID-19 pandemic. Working with Menasha as our supplier, the five packaging boxes used for these products contain 33 to 95 percent recycled content with remaining materials coming from SFI-certified sources.
Palm oil	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Cattle products	No, not working beyond the first tier	<Not Applicable>	<Not Applicable>	Our design team is investigating alternative materials to leather that will have less of an environmental impact. We have incorporated within our sourcing process, an evaluation and dialogue focusing upon supplier best practices for minimizing waste, subscribing to animal welfare practices, and utilizing sustainable materials and processes. As a standard, our suppliers adhere to animal welfare treatment of cattle known as the "freedoms". The five freedoms include - freedom from hunger and thirst, discomfort, pain, injury or disease, freedom to express normal behavior, and freedom from fear and distress. Also, our suppliers have committed to the self governing and certification of the Leather Working Group which has in place traceability and sustainable standards for leather manufacturers as well as other best practices.
Soy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other - Rubber	Yes, working beyond first tier	Other	Other, please specify (Collaboration with Auto OEMs and Tire Suppliers via Global Platform for Sustainable Rubber.)	GM is a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation.
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

Other - Rubber

Do you participate in activities/initiatives?

Yes

Activities

Involved in multi-partnership or stakeholder initiatives

Initiatives

UN Global Compact

Other, please specify (Collaboration with Auto OEMs and Tire Suppliers via Global Platform for Sustainable Natural Rubber (GPSNR).)

Jurisdictional approaches

<Not Applicable>

Please explain

GM is a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). Their Code of Conduct is in alignment with ours in protecting human rights. GPSNR has finalized standards that will help protect human rights, uphold fair business practices, protect biodiversity and water resources and improve yields, and increase supply chain transparency and traceability. Tire suppliers, rubber refiners, NGOs and further upstream actors also held a collaborative role in the group's creation.

F6.11

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

Yes

F6.11a

(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

Other, please specify (Wildlife habitats)

Primary motivation

Voluntary

Description of project

The status of ecosystems is important to our operations in all locations because of our Environmental principles which are implemented at every GM facility and especially at locations with certified wildlife habitats that could be adversely impacted. Local potential future changes in the status of ecosystems and habitats requires local management actions. Each GM manufacturing site has an environmental engineer (EE) who provides internal company methods to monitor future potential changes in wildlife habitats to assist in risk management. GM applied the WRI Aqueduct tool to all of our major manufacturing facility locations which projects risk now and in the future to 2030. Over 10 years from 2010 to 2020 GM has increased wildlife habitats by 83% with an 87% increase in wildlife habitat acreage.

Start year

2010

Target year

2020

Project area to date (Hectares)

0

Project area in the target year (Hectares)

0

Country/Area

United States of America

Latitude

0

Longitude

0

Monitoring frequency

Annually

Measured outcomes to date

Biodiversity

Please explain

The goal is to improve wildlife habitats by having a Wildlife Habitat Certification (or equivalent) at each GM manufacturing site, globally, where feasible by 2020 from a baseline of 2010. The goal was set to support one of our Environmental Principles " We are committed to actions to restore and preserve the environment." Setting a global goal provides each facility the opportunity to demonstrate our commitment. Many studies show the direct relationship of protecting wildlife habitats and water quality. One paper published by Purdue University shows the positive impact on water quality with land use conservation and habitats-"There are three main strategies in the Planning ... for communities to use as they plan their future use and protection of vital and critical drinking water, farmlands, forests, and recreation areas. They are: 1) Plan to protect critical natural resources in your community while still accommodating growth through natural resource-based planning. 2) Minimize the impact to initial natural resources resulting from land use change through appropriate site designs and use of best management practices. (Wildlife Habitats) 3) Mitigate the negative impacts to critical natural resources or loss of open space Each major GM manufacturing facility has an Environmental Leader (EL) that is responsible to implement methods and objectives on the business plan related to the environment, including Wildlife Habitats. As we have 77 Wildlife Habitats globally, we use the US and 0 for latitude and longitude as proxy.

F7. Verification

F7.1

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

No, but we are actively considering verifying in the next two years

F8. Barriers and challenges

F8.1

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

Forest risk commodity

Timber products

Coverage

Supply chain

Primary barrier/challenge type

Supply chain complexity

Comment

GM has good line of sight in our direct operations and has instituted sustainable use of timber products for outward facing packaging using SFI for traceability; however, our supply chain is complex with many tiers and is difficult to trace origins of timber use (packaging) and institute similar sustainable efforts, such as using sustainable materials for packaging.

Forest risk commodity

Cattle products

Coverage

Supply chain

Primary barrier/challenge type

Other, please specify (Supply chain complexity)

Comment

GM's supply chain is complex for leather products as we source procurement from our tier 2 supplier for leather and don't have an easy method of traceability back to cattle farmers for sustainability engagement.

Forest risk commodity

Other - Rubber

Coverage

Supply chain

Primary barrier/challenge type

Supply chain complexity

Comment

GM's tier 1 supplier for tires uses sub-tiers to source natural rubber so traceability is difficult. The tire industry consumes around 70% of the world's natural rubber, and demand is increasing. Most of the world's rubber today comes from Southeast Asia. As demand grows, so too does pressure to convert ecologically valuable and sensitive tropical forests into more rubber plantations which, in turn, puts pressures on local communities. Recognizing the importance of taking action to limit the social and environmental impacts from natural rubber production, General Motors became the first automaker to commit to sustainable natural rubber in 2017, and in 2018 became a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). GPSNR is a multi-stakeholder initiative whose goal is to transition the natural rubber supply chain to a more sustainable model. The initiative now has more than 100 members, including OEMs; tire manufacturers; rubber producers, processors and traders; NGOs; and smallholder farmers. One of the group's most significant accomplishments in 2020 was the creation of a members' sustainability policy framework. All members will be expected to adhere to this framework, which covers economic, social and environmental aspects of sustainability and will help protect ecological health, local livelihoods and fundamental human rights. The policy will be released publicly within the next year and will be one of the most sweeping sets of commitments aimed at increasing the sustainability of a commodity.

F8.2

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

Forest risk commodity

Timber products

Coverage

Supply chain

Main measure

Greater transparency

Comment

Reaching sub-tier providers of timber products to the country of origin is complex and requires increased traceability for our thousands of tier 1 suppliers that provide incidental packaging for products shipped to GM for auto manufacturing.

Forest risk commodity

Cattle products

Coverage

Supply chain

Main measure

Greater transparency

Comment

Reaching sub-tier providers of cattle products for leather production to the country of origin is complex and requires increased traceability for our tier 2 suppliers that provide leather products for GM for auto manufacturing, like seats and steering wheel covers.

Forest risk commodity

Other - Rubber

Coverage

Supply chain

Main measure

Greater supplier awareness/engagement

Comment

General Motors became the first automaker to commit to sustainable natural rubber in 2017, and in 2018 became a founding member of the Global Platform for Sustainable Natural Rubber (GPSNR). One of the group's most significant accomplishments in 2020 was the creation of a members' sustainability policy framework. Further development and implementation of the framework will improve our ability to manage sustainable use of natural rubber.

F17 Signoff

F-FI

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

F17.1

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

	Job Title	Corresponding job category
Row 1	Vice President of Sustainable workplaces and Chief Sustainability Officer of General Motors Company	Chief Sustainability Officer (CSO)

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
I am submitting my response	Investors	Public

Please confirm below

I have read and accept the applicable Terms