








TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURE (TCFD) INDEX




The Task Force on Climate-related Financial Disclosures (TCFD) has developed a voluntary, consistent, climate-related financial risk disclosure framework for companies to provide information to stakeholders.

Certain information may not be disclosed within the index below if is not considered material; privileged or confidential; could cause a competitive disadvantage to our business if publicly disseminated; or is not currently collected in a manner wholly correlative with the related TCFD disclosure.

Reporting status:  Fully reporting  Partially reporting  Not reported

Disclosure	Reporting Status	Response	Source(s)
GOVERNANCE: Disclose the organization's governance around climate-related risks and opportunities.			
a) Describe the board's oversight of climate-related risks and opportunities.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C1.1) (C1.1a) (C1.1b).</p> <p>Refer to "Corporate Governance" (pgs. 30-33) sub-section of 2019 Environmental, Social, and Governance (ESG) Report.</p> <p>Refer to "ESG Governance" section of Environmental and Social (E&S) Policy.</p> <p>Refer to Nominating and Corporate Governance (NCG) and Risk and Compliance Committee (RCC) charters.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 ESG Report</p> <p>E&S Policy</p> <p>NCG Committee charter</p> <p>RCC charter</p>
b) Describe management's role in assessing and managing climate-related risks and opportunities.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C1.2) (C1.2a) (C1.3) (C1.3a) (C2.2) (C2.2a) (C-FS2.2b) (C-FS2.2c) (C-FS2.2f).</p> <p>Refer to "Corporate Governance" (pgs. 30-33) sub-section of 2019 ESG Report.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 ESG Report</p>
STRATEGY: Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.			
a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2).</p> <p>Refer to "Risk Factors" (pgs. 27-37) in 2019 Annual Report.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 Annual Report</p>

Disclosure	Reporting Status	Response	Source(s)
b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.		Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.3) (C2.3a) (C2.4) (C2.4a) (C3.1d) (C3.1e) (C3.1f).	CDP - Climate Change Questionnaire Responses
c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.		Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.2) (C-FS2.2b) (C-FS2.2c) (C2.3a) (C3.1a) (C3.1b) (C3.1d) (C3.1e) (C3.1f) (C-FS14.1) (C-FS14.1a) (C-FS14.1b) (C-FS14.3).	CDP - Climate Change Questionnaire Responses
RISK MANAGEMENT: Disclose how the organization identifies, assesses and manages climate-related risks.			
a) Describe the organization's processes for identifying and assessing climate-related risks.		Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.2) (C2.2a) (C-FS2.2b) (C-FS2.2c) (C2.3) (C2.3a) (C3.1a) (C3.1b) (C-FS14.1) (C-FS14.1a) (C-FS14.1b). Refer to "Risk Factors" (pgs. 27-37) in 2019 Annual Report. Refer to "Environmental and Social Risk Management" section of the E&S Policy. Refer to "Risk Management" sub-section (pgs. 99-100) in the "Environment" section (pgs. 93-107) of the 2019 ESG Report.	CDP - Climate Change Questionnaire Responses 2019 Annual Report E&S Policy 2019 ESG Report
b) Describe the organization's processes for managing climate-related risks.		Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.2) (C2.2a) (C-FS2.2b) (C-FS2.2c) (C2.3) (C2.3a) (C3.1a) (C3.1b) (C3.1d) (C3.1e) (C3.1f) (C-FS3.2) (C-FS3.2a) (C-FS14.1) (C-FS14.1a) (C-FS14.1b) (C-FS14.3). Refer to "Risk Factors" (pgs. 27-37) in 2019 Annual Report. Refer to "Environmental and Social Risk Management" section of the E&S Policy. Refer to "Risk Management" sub-section (pgs. 99-100) in the "Environment" section (pgs. 93-107) of the 2019 ESG Report.	CDP - Climate Change Questionnaire Responses 2019 Annual Report E&S Policy 2019 ESG Report
c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.		Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C1.1a) (C1.1b) (C1.2) (C1.2a) (C2.1) (C2.2) (C2.2a) (C-FS2.2b) (C-FS2.2c) (C2.3a). (C-FS2.2c) (C2.3) (C2.3a) (C3.1) (C3.1a) (C3.1b) (C3.1d) (C3.1e) (C3.1f) (C-FS3.2) (C-FS3.2a) (C-FS14.1) (C-FS14.1a) (C-FS14.1b). Refer to "Environmental and Social Risk Management" section of the E&S Policy. Refer to "Risk Management" sub-section (pgs. 99-100) in the "Environment" section (pgs. 93-107) of the 2019 ESG Report.	CDP - Climate Change Questionnaire Responses E&S Policy 2019 ESG Report

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METRICS AND TARGETS: Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.			
a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.3a) (C4) (C5) (C6) (C7) (C8) (C-FS14.1) (C-FS14.1a) (C-FS14.1b).</p> <p>Refer to the “Environment” section (pgs. 93-107) of the 2019 ESG Report.</p> <p>Refer to independent GHG Verification and Environmental Key Performance Indicators (KPI) Assurance statements available on Investor Relations website.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 ESG Report</p> <p>2019 GHG Verification Statement</p> <p>2019 KPI Assurance Statement</p>
b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C2.3a) (C5) (C6.1) (C6.3) (C6.5) (C6.10) (C7).</p> <p>Refer to “Environmental Data” table (pg. 107) of the 2019 ESG Report.</p> <p>Refer to independent GHG Verification and Environmental Key Performance Indicators (KPI) Assurance statements available on Investor Relations website.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 ESG Report</p> <p>2019 GHG Verification Statement</p> <p>2019 KPI Assurance Statement</p>
c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.		<p>Refer to our most current CDP - Climate Change questionnaire responses available on Investor Relations website (C4).</p> <p>Refer to “Operational Sustainability” sub-section (pgs. 95-98) of the 2019 ESG Report.</p> <p>Refer to independent GHG Verification and Environmental Key Performance Indicators (KPI) Assurance statements available on Investor Relations website.</p>	<p>CDP - Climate Change Questionnaire Responses</p> <p>2019 ESG Report</p> <p>2019 GHG Verification Statement</p> <p>2019 KPI Assurance Statement</p>