

C0. Introduction

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C0.1

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**(C0.1) Give a general description and introduction to your organization.**

Scotiabank is a leading bank in the Americas. Guided by our purpose: “for every future”, we help our customers, their families and their communities achieve success through a broad range of advice, products and services, including personal and commercial banking, wealth management and private banking, corporate and investment banking, and capital markets. With a team of over 90,000 employees and assets of approximately \$1.1 trillion (as at October 31, 2020), Scotiabank trades on the Toronto Stock Exchange (TSX: BNS) and New York Stock Exchange (NYSE: BNS). For more information, please visit [scotiabank.com](http://scotiabank.com) and follow us on Twitter @ScotiabankViews.

At the end of fiscal 2020, Scotiabank is the only bank with a significant presence in all the major countries in the Americas corridor: Canada, the United States, Mexico, Peru, Chile and Colombia, with these six core markets representing more than 90% of our earnings.

The Bank also operates a Global Wealth Management business segment focused on delivering comprehensive wealth management advice and solutions to clients across Scotiabank’s footprint. Global Wealth Management includes our three core asset management businesses: 1832 Asset Management (\$142 billion AUM as of Oct 31, 2020), Jarislowsky Fraser (\$53.3 billion AUM as of Sep 30, 2020), and MD Financial Management (\$51.4 billion AUM as of Oct 31, 2020). 1832 and Jarislowsky Fraser collectively manage \$13.7 billion on behalf of MD Management, as of Oct 31, 2020. All responses in the survey related to “Investing (Asset manager)” are from the perspective of one or more of these asset managers.

The focus of Scotiabank’s Social Impact and Sustainability strategy is on creating the long-term success of our local economies, customers, employees – when these communities thrive, it benefits everyone, including our Bank.

Our approach to managing environmental, social and governance (ESG) issues focuses on areas where Scotiabank can make the biggest impact – enabling stakeholders to reach their fullest potential, mobilizing finance to address important social and environmental challenges and building trust by acting with integrity in everything we do.

The strategy is integrated into the core business objectives and competencies of the organization and embedded in the day-to-day business culture and operations. By paying careful attention to the environment, social and governance (ESG) areas where we feel we can have the biggest impact, we create value for our customers, employees, communities and our planet while also delivering returns for our shareholders over the long-term.

C0.2

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**(C0.2) State the start and end date of the year for which you are reporting data.**

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting year	November 1 2019	October 31 2020	Yes	3 years

C0.3

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**(C0.3) Select the countries/areas for which you will be supplying data.**

Aruba  
Australia  
Bahamas  
Barbados  
Belize  
Bonaire, Sint Eustatius and Saba  
Brazil  
British Virgin Islands  
Canada  
Cayman Islands  
Chile  
China  
China, Hong Kong Special Administrative Region  
Colombia  
Costa Rica  
Curaçao  
Dominican Republic  
El Salvador  
India  
Ireland  
Jamaica  
Japan  
Malaysia  
Mexico  
Panama  
Peru  
Puerto Rico  
Republic of Korea  
Singapore  
Trinidad and Tobago  
Turks and Caicos Islands  
United Kingdom of Great Britain and Northern Ireland  
United States of America  
Uruguay  
Venezuela (Bolivarian Republic of)

**C0.4**

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**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

CAD

**C0.5**

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**(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.**

Operational control

**C-FS0.7**

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**(C-FS0.7) Which organizational activities does your organization undertake?**

Bank lending (Bank)  
Investing (Asset manager)

**C1. Governance**

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**C1.1**

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**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

Yes

**C1.1a**

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**(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.**

Position of individual(s)	Please explain
Board-level committee	Scotiabank's entire Board of Directors is regularly engaged on our bank-wide climate change strategy. For example, in October 2020 the Bank's Climate Commitments were reviewed by the full Board. The Commitments were publicly launched in November of 2019 (early fiscal 2020) and include a commitment to mobilizing \$100 billion by 2025 to reduce the impacts of climate change, as well as commitments to address climate change in our reporting, governance, risk management and in our own operations. The Commitments also included the establishment of a Climate Change Centre of Excellence. Climate change is also addressed by several committees of the Board given the cross-functional impact across the organization. The Risk Committee of the Board reviews, guides and retains oversight of ESG risks, including climate change risks for the Bank. An update on climate change risk is provided quarterly to the Risk Committee as part of the Top and Emerging Risks outlined in the Enterprise Risk Management Report. The Audit and Conduct Review Committee (ACRC) of the Board oversees our climate change-related disclosures; for example, TCFD disclosures were included in our 2020 Annual Report, which is ultimately reviewed and approved by the Board. The Corporate Governance Committee of the Board reviews the Bank's Social Impact & Sustainability strategy of which climate change is one of the key priorities. In August 2020, the Corporate Governance Committee received an update on shareholder engagement and the ESG factors influencing corporate action and shareholder engagement, including climate change. In addition this committee reviewed the annual ESG report in February 2021, which is a key component of Scotiabank's reporting and transparency on climate change data. In 2021, ESG became a standalone topic on the agenda for every Board of Directors meeting.

**C1.1b**

**(C1.1b) Provide further details on the board's oversight of climate-related issues.**

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Monitoring implementation and performance of objectives Monitoring and overseeing progress against goals and targets for addressing climate-related issues	Climate-related risks and opportunities to our own operations Climate-related risks and opportunities to our bank lending activities	Scotiabank's entire Board of Directors was engaged on our bank-wide climate change strategy and Climate Commitments in October 2020. The Commitments were publicly launched in November of 2019 (early fiscal 2020) and include a commitment to mobilizing \$100 billion by 2025 to reduce the impacts of climate change, as well as commitments to address climate change in our reporting, governance, risk management and in our own operations. The Commitments also included the establishment of a Climate Change Centre of Excellence. Climate change is also addressed by several committees of the Board given the cross-functional impact across the organization. The Risk Committee of the Board reviews, guides and retains oversight of ESG risks, including climate change risks for the Bank. An update on climate change risk is provided quarterly to the Risk Committee as part of the Top and Emerging Risks outlined in the Enterprise Risk Management Report. The Corporate Governance Committee of the Board reviews the Bank's Social Impact & Sustainability strategy of which climate change is one of the key priorities. In August 2020, the Corporate Governance Committee received an update on shareholder engagement and the ESG factors influencing corporate action and shareholder engagement, including climate change. In addition this committee reviewed the annual ESG report in February 2021, which is a key component of Scotiabank's reporting and transparency on climate change data. The Audit and Conduct Review Committee (ACRC) of the Board oversees our climate change-related disclosures; for example, TCFD disclosures were included in our 2020 Annual Report, which is ultimately reviewed and approved by the Board. In 2021, ESG became a standalone topic on the agenda for every Board of Directors meeting.

**C1.2**

**(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.**

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Chief Risks Officer (CRO)	CEO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our investing activities Risks and opportunities related to our insurance underwriting activities Risks and opportunities related to our other products and services Risks and opportunities related to our own operations	Quarterly

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Other C-Suite Officer, please specify (Executive Vice President and General Counsel)	CEO reporting line	Both assessing and managing climate-related risks and opportunities <i>The Executive President and General Counsel leads the Bank's Legal and Corporate Affairs team, and therefore has management oversight of the Bank's Social Impact &amp; Sustainability Strategy.</i>	Risks and opportunities related to our bank lending activities Risks and opportunities related to our other products and services Risks and opportunities related to our own operations	Half-yearly
Other C-Suite Officer, please specify (Senior Vice President, Corporate Secretary and Chief Corporate Governance Officer)	Other, please specify (General Counsel and Chairman of the Board)	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our investing activities Risks and opportunities related to our insurance underwriting activities Risks and opportunities related to our other products and services Risks and opportunities related to our own operations	As important matters arise
Business unit manager <i>Executive Vice President (EVP), Enterprise Risk Governance reports to the Group Head &amp; CRO.</i>	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our own operations	As important matters arise
Other committee, please specify (Climate Change Steering Committee)	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our other products and services Risks and opportunities related to our own operations	Quarterly
Other committee, please specify (Enterprise Core Risk Committee)	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our own operations	As important matters arise
Other committee, please specify (Risk Policy Committee)	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities	As important matters arise
Other committee, please specify (Senior Credit Committee(s))	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities	As important matters arise
Other C-Suite Officer, please specify (Group Heads, Global Banking and Markets, Canadian Banking, International Banking, and Global Wealth Management)	CEO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our investing activities Risks and opportunities related to our other products and services	Annually

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Business unit manager <i>Senior Vice President, Chief Communications and Social Impact Officer, Legal and Corporate Affairs</i>	Other, please specify (The Senior Vice President, Chief Communications and Social Impact Officer reports to the Executive Vice President and General Counsel, who leads the Bank's Legal and Corporate Affairs team, and reports directly to the CEO)	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities Risks and opportunities related to our investing activities Risks and opportunities related to our insurance underwriting activities Risks and opportunities related to our other products and services Risks and opportunities related to our own operations	Half-yearly
Business unit manager <i>Senior Vice President, Real Estate</i>	Other, please specify (The Senior Vice President of Real Estate reports to the Group Head and Chief Human Resources Officer, who has oversight of the Human Resources, Marketing and Real Estate team)	Both assessing and managing climate-related risks and opportunities <i>The Senior Vice President of Real Estate has oversight of the Bank's operational GHG emissions and has accountability for the GHG emissions reduction target and Internal Carbon Price.</i>	Risks and opportunities related to our own operations	As important matters arise
Business unit manager <i>Senior Vice President &amp; Head, Corporate &amp; Commercial Credit (reports directly to the CRO).</i>	Risk - CRO reporting line	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our bank lending activities	As important matters arise

C1.2a

**(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).**

**Chief Risk Officer (CRO):**

The CRO sits on the Operating Committee of the Bank (all members report to the CEO), chairs various risk committees, and also has unfettered access to the Risk Committee of the Board (composed entirely of independent directors). The CRO is responsible for global management of risk and communicating the Bank's Risk Policy to the Board. Climate-related risks ultimately managed by the CRO may include operational risk, reputational risk, and credit risk that arise from physical / transition risks. The CRO monitors climate related issues through regular risk committee meetings and from briefings from the Environmental & Social Risk team. This specialized team sits within Global Risk Management and works with non-retail banking and credit teams on reviewing loan deals to ensure E&S issues are considered. Information on climate-related risk is shared with the Risk Committee of the Board through the quarterly Enterprise Risk Management Report, or otherwise as and when needed.

**Executive Vice President (EVP) & General Counsel (Legal & Corporate Affairs):**

Our EVP & General Counsel oversees the Bank's Social Impact & Sustainability strategy, the annual ESG Report, and has joint responsibility for Scotiabank's climate change strategy and Climate Commitments, along with the Chief Risk Officer and Group Heads. The EVP & General Counsel reports directly to the CEO.

**Climate Change Steering Committee:**

This cross-functional senior executive Committee supports the development and implementation of the Bank's Climate Commitments, which were approved by the Board in late fiscal 2019. Responsibilities include:

1. The **Senior Vice President Corporate Secretary & Chief Corporate Governance Officer (Legal & Corporate Affairs)** opines on all governance related matters relating to the implementation of the Bank's Climate Commitments, in particular governance and reporting on climate change in the annual ESG Report, Annual Report and Management Proxy Circular.
2. The **Executive Vice President, Enterprise Risk Governance** helps to oversee the achievement of our \$100 billion mobilization commitment and the integration of climate change into risk management processes. This role reports directly to the CRO.
3. The **Senior Vice President & Head, Corporate & Commercial Credit** helps to oversee the achievement of our \$100 billion mobilization commitment and integration of climate change considerations into non-retail lending. This role reports directly to the CRO.
4. The **Senior Vice President, Chief Communications & Social Impact Officer (Legal & Corporate Affairs)** oversees the Social Impact & Sustainability team, led by the Vice President, Social Impact & Sustainability. This team produces the Bank's Social Impact & Sustainability strategy and annual ESG Report, including how the Bank manages its response to climate change through the Scotiabank Climate Commitments. This includes the Bank's net-zero strategy development, efforts to decarbonize our own operations, annual disclosures related to the recommendations of the TCFD, and the Climate Change Centre of Excellence.

**Enterprise Core Risk Committee (ECRC), Risk Policy Committee & Senior Credit Committee(s):**

The ECRC serves as the most senior point of management that establishes and enhances policies to mitigate operational and compliance risks. It reviews the Bank's top operational and compliance risks globally, including current and emerging trends such as climate change, and the related risk response to ensure appropriate action is taken.

The Risk Policy Committee (chaired by the CEO) is responsible for policies, limits, proposals, and other issues covering credit, market, reputational, legal and operational risk, as well as adjudicating on issues referred by the senior management committees. Environmental risk assessment, including climate-related risk, is also embedded in the Credit Policy Manual.

The Senior Credit Committee (SCC) is a forum to discuss credits recommended to the Senior Vice President & Head for adjudication or referral to Risk Policy Committee, industry limits, portfolio and policy issues, and other credit risk-related matters in each of the respective non-retail portfolios, as stated in the Credit Policy Manual.

**Senior Vice President (SVP), Real Estate:**

Among other things in a broad portfolio, the SVP of Real Estate is tasked with lowering the Bank's environmental footprint to ensure efficiency savings across the organization. This includes setting GHG reduction targets and implementing plans to support this, such as the establishment of an internal price on carbon in 2018.

**Group Heads: Global Banking & Markets, Canadian Banking, International Banking, and Global Wealth Management:**

All Group Heads of these revenue-generating business lines are responsible for meeting targets related to Scotiabank's Commitment to mobilize \$100 billion by 2025 to reduce the impacts of climate change. All report directly to the CEO.

**C1.3**

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	

### C1.3a

**(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).**

Entitled to incentive	Type of incentive	Activity incentivized	Comment
Business unit manager	Monetary reward	Emissions reduction target	Our Senior Vice President of Real Estate has senior-level responsibility for our energy efficiency initiatives and greenhouse gas emission reduction target. As this is part of a job description, fulfilling this task would thus be linked to annual compensation. Established a target to secure 100% electricity from non-emitting sources for Canadian operations by 2025 and on a global basis by 2030
Environment/Sustainability manager	Monetary reward	Emissions reduction project Emissions reduction target Energy reduction project	The Energy & Sustainability Manager reports to the VP, Real Estate, and is responsible for management of the Bank's absolute global GHG reduction target as well as the ongoing search and implementation of initiatives to support this GHG reduction. As this is part of a job description, fulfilling this task would thus be linked to annual compensation. The Energy and Sustainability Manager is responsible for reviewing the utility data for Canadian and International branches/offices and calculating the EUI (Energy Use Intensity) and other metrics to complete benchmarking (comparing energy efficiency status of locations with ENERGYSTAR or other median EUI numbers). This will provide the Real Estate team with a better understanding of the locations with poor energy efficiency, allowing them to focus on these locations and implement energy projects to reduce energy consumption that will lead to reduced GHG emissions.
Facilities manager	Monetary reward	Energy reduction project	The Real Estate Facility Manager is responsible for the selection and analysis of facilities initiatives and vendors which uses energy savings as a criterion.
Environment/Sustainability manager	Monetary reward	Company performance against a climate-related sustainability index Other (please specify) (The Vice President of Social Impact & Sustainability has responsibility for the Bank's Social Impact & Sustainability Strategy.)	The Vice President of Social Impact & Sustainability has responsibility for the Bank's Social Impact & Sustainability Strategy and the delivery of the Bank's enterprise-wide climate change strategy. In relation to climate change, this includes managing the development of the Bank's net-zero strategy (a key focus in fiscal 2021). This role also includes ensuring: annual publication of the ESG Report, annual submission to CDP and ensuring performance relative to peers, and annual submission to the Dow Jones Sustainability Index, tracking of the Bank's sustainable finance activity and performance relative to peers (which has a strong focus on climate change). The VP also serves as secretary for the Climate Change Steering Committee. These responsibilities are part of the VP's annual performance goals and thus linked to compensation.
Other C-Suite Officer	Monetary reward	Emissions reduction project	The Executive Vice President & General Counsel reports directly to the CEO and is on the Bank's highest operating committee. As part of a suite of responsibilities, the EVP has responsibility for delivering the Bank's climate strategy, including the Bank's net-zero strategy, as well as overall ESG strategy.

### C-FS1.4

**(C-FS1.4) Does your organization offer its employees an employment-based retirement scheme that incorporates ESG principles, including climate change?**

	We offer an employment-based retirement scheme that incorporates ESG principles, including climate change.	Comment
Row 1	No, but we plan to do so in the next two years	

## C2. Risks and opportunities

### C2.1

**(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?**

Yes

### C2.1a

**(C2.1a) How does your organization define short-, medium- and long-term time horizons?**

	From (years)	To (years)	Comment
Short-term	0	1	
Medium-term	1	5	
Long-term	5	100	Anything above 5 years is considered long-term

### C2.1b

**(C2.1b) How does your organization define substantive financial or strategic impact on your business?**

For CDP reporting, Scotiabank considers a substantive financial impact as one that has a material impact on any business line over a defined time period.

### C2.2

**(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.**

**Value chain stage(s) covered**

Downstream

**Risk management process**

Integrated into multi-disciplinary company-wide risk management process

**Frequency of assessment**

More than once a year

**Time horizon(s) covered**

Short-term

Medium-term

Long-term

**Description of process**

The Bank considers climate risk as a top and emerging risk, as well as a type of environmental risk to be managed (as detailed on page 89 of the 2020 Annual Report). Climate risk refers to the possibility that climate change issues associated with Scotiabank or its customers could ultimately affect Bank performance by giving rise to credit, reputational, operational or legal risk. As the impacts of climate change increase in prominence, so too does the need for the Bank to understand whether, and to what degree, its customers may be vulnerable to climate-related risks. In alignment with best practices, as the industry moves toward adoption of the recommendations of the Taskforce for Climate related Financial Disclosures (TCFD), the Bank has an obligation to understand, assess, mitigate and publicly disclose these climate-related risks. The Bank has a robust process in place for assessing and managing our client-related (downstream) climate risks. As a financial institution, we need to be aware of and understand credit risk stemming from the climate change risks posed to our clients' businesses, which may affect their ability to repay their financing. Climate change risks are assessed as to whether they could pose a material risk to the client's business and their ability to pay back their commitments to the Bank. For the Bank's business banking clients, a Climate Change Risk Assessment (CCRA) is part of the normal due diligence process. These reviews outline the climate change risks (transition and physical) associated with the specific industry. The Climate Change Risk Assessment (CCRA) evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face. It also assesses a client's awareness of, and response to, such risks as an indicator of the quality of management. The CCRA was made a mandatory part of business banking due diligence in November 2019 and is undertaken at least annually. This enables the Bank to effectively understand, mitigate and manage climate change risks across sectors and geographies and to support stress testing and scenario planning of our business banking loan book. The CCRA is conducted at the borrower level in order to ensure that climate-related risk is factored into each credit decision. As part of the ongoing CCRA training provided for banking officers and credit adjudicators, a module on climate-related risk was delivered in the annual mandatory environmental risk training. A detailed series of climate-specific questions helps to facilitate the assessment of actual and potential impacts on a borrower. An internal guidance document is to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are summarized under the Key Risks and Mitigants section of the Credit Presentation. As a case study, a Scotiabank client in the Energy sector may face significant climate-related transition risk as a result of emerging climate change policies and regulations that could have a meaningful, negative financial impact on its business. Having completed Scotiabank's climate-related risk training, a banker will engage the client to answer a series of transition-related questions to assess the borrower's fossil fuel dependency and their level of emissions. Should the borrower demonstrate a significant reliance on fossil fuels, the borrower would receive a "high" transition-risk rating. This information would be documented in the Scotiabank Credit Presentation. Similarly, a Scotiabank client with operations in a region often impacted by hurricanes would face significant physical risks as a result of increased frequency and severity of extreme weather events. As part of the Bank's proprietary CCRA process, a banker would engage the client to learn more about how the borrower's business or operations have been impacted by severe weather events in recent years. If the borrower's operations have been affected by severe weather events, the borrower would be assigned a medium or high climate-risk rating, contingent upon the severity of impact. This information would be documented in the Scotiabank Credit Presentation. The CCRA process will also support data collection to enable the Bank to effectively mitigate and manage risk across sectors and will support stress testing and scenario planning of our loan book. At the industry-level, commentary and assessment of environmental and climate change risk is a standard part of each annual industry review. The CCRA and climate sector vulnerability methodology have been included within industry reviews to assess climate risk drivers and determine their potential materiality. In addition to the CCRA, the Bank utilizes a comprehensive environmental risk management process where the identification, assessment and management of climate change risk is done through due diligence as part of the overall existing environmental risk assessment and credit adjudication processes. To safeguard the Bank and its stakeholders against climate-related risks, Scotiabank has several policies approved by the Board and integrated into a multi-disciplinary company-wide risk identification, assessment, and management process. The Environmental Policy guides day-to-day operations, lending practices, supplier agreements, management of real estate holdings and external reporting. Climate change risks associated with the Bank's non-retail clients are governed by the Credit Risk Policy and are identified, assessed and managed through the Bank's credit risk and environmental risk due diligence and adjudication processes. Material issues are raised to related risk committees and reported quarterly in the Enterprise Risk Report to the Risk Committee of the Board.

**Value chain stage(s) covered**

Upstream

**Risk management process**

A specific climate-related risk management process

**Frequency of assessment**

Not defined

**Time horizon(s) covered**

Short-term

Medium-term

Long-term

**Description of process**

It is important that Scotiabank's Suppliers reflect our own core values of respect, integrity, passion, and accountability and that our Suppliers comply with applicable laws. This is important to ensure Scotiabank's reputation is not compromised or put at-risk by the suppliers we work with. Scotiabank's Supplier Code of Conduct outlines an obligation for suppliers to conduct their business and operation in an environmentally responsible way. Through the Supplier Code, Suppliers are encouraged to track and mitigate their greenhouse gas (GHG) emissions and to incorporate climate change risk assessments into their risk management procedures. The Supplier Code is reviewed formally every two years and it was updated in Late 2020 to reflect the Bank's renewed environmental, climate and corporate sustainability commitments.

**Value chain stage(s) covered**

Direct operations

**Risk management process**

Integrated into multi-disciplinary company-wide risk management process

**Frequency of assessment**

Annually

**Time horizon(s) covered**

Short-term

Medium-term



Long-term

**Description of process**

Climate change risks associated with the Bank's operational footprint are governed by the Operational Risk Management Framework. These risks are identified, assessed and managed through the Bank's Global Operational Risk team. Material issues are raised to related risk committees and reported monthly in the Enterprise Risk Report to the Risk Committee of the Board. For the Bank's own operations, the main climate related risks are from severe weather events such as hurricanes. These severe weather event risks (physical risks) are highest in the Caribbean region of the Bank's operational footprint due to the increasing number, frequency and severity of hurricanes in this region. These physical risks to the Bank's operations have been identified as a short, medium and long-term climate related risk with risk probability and severity increasing over time. Severe weather events have had a damaging impact on the Bank's physical assets in the Caribbean region impacted by hurricanes. Scotiabank operates 259 branches and office locations in Central America and the Caribbean. In 2020, branches and offices in these regions experienced 9 hurricanes and tropical storms that resulted in very little physical damage but no closure.

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**C2.2a**

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**(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?**

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Current climate-related regulation is relevant and included in the risk assessment because the Bank is exposed to credit and reputational risk from regulatory pressures on suppliers and clients. For example, in Canada, the proposed Net-Zero Emissions Accountability Act (Bill C-12) may affect the Bank's value chain. This piece of legislation requires the Government of Canada to set national targets for reducing GHG emissions and establishes process with the aim of achieving net-zero emissions by 2050. Business Banking clients are subject to an assessment of climate change risks and opportunities as part of the overall due diligence process. An internal guidance document is also to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. Scotiabank has also implemented a mandatory climate change credit risk assessment (CCRA), a process which evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.
Emerging regulation	Relevant, always included	The Bank's clients could be impacted by changes in government policies around extracting, transporting, refining and distributing of fossil fuels. The Bank's Government Affairs group maintains contact with several levels of government in Canada and across our operational footprint. They monitor any proposed changes to government policies, guidelines or regulations. Our international offices maintain contact with government in their respective country and monitor for proposed changes to policies that may have an impact on local operations and business. The Bank's Global Banking and Markets group maintains regular contact with existing and potential clients about proposed changes that could impact the client's business or operations. An example of emerging regulation that may affect the Bank includes Peru's recently approved Climate Change Framework Law "Ley Marco sobre Cambio Climático", intended to combat climate change in the country. The Framework has the potential to affect the expansion of branches or offices in Peru (for instance sustainable building development may result in higher costs to expand operations). Additionally this regulation could impact our customers. The Bank's Environmental and Social Risk team and Sustainability team utilize their network of contacts with governments and NGOs for information about proposed changes to government policies, guidelines or regulations that could impact the Bank's clients' business or the Bank's own operations. Scotiabank has also implemented a mandatory climate change risk assessment (CCRA), a process which evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal, and compliance) risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.
Technology	Relevant, always included	Technology risks are relevant in the context of climate change to the extent that the transition towards the low-carbon economy could represent different types of client risks. Emerging innovations and low-carbon technologies (for example: renewable energy) may challenge clients for market share, potentially leading to increased credit or investment risk for the Bank. Business banking clients are subject to an assessment of climate change risks and opportunities as part of the overall due diligence process. An internal guidance document is to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. Scotiabank has also implemented a mandatory climate change credit risk assessment (CCRA), a process which evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.
Legal	Relevant, always included	From the client perspective, climate-related litigations may present credit risk. Large emitting companies in Canada are subject to the Greenhouse Gas Pollution Pricing Act (GGPPA). If companies decide not to comply with this carbon pricing legislation or do not properly report on their emissions, this could result in litigation or financial penalty, which places increasing limitations on their financial condition. Business Banking clients are subject to an assessment of climate change risks and opportunities as part of the overall due diligence process. An internal guidance document is also to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. Scotiabank has also implemented a mandatory climate change credit risk assessment (CCRA), a process which evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.
Market	Relevant, always included	Shifts in the supply and demand for green products is one example that represents a risk for the Bank. At Scotiabank, market risks are considered within the climate change risk assessment (CCRA) and due diligence processes for Business Banking clients. We continue to adapt our product and service offerings in response to and anticipation of climate-related market shifts. In fiscal 2020, we launched a dedicated Sustainable Finance Group in our Global Banking and Markets segment in direct response to the growing need for ESG advisory services and solutions for our corporate, financial, public sector and institutional clients. Further, the Canadian Standards Association (CSA) Group is currently leading the development of a "Transition Finance Taxonomy". This work was initiated based on the recommendations put forward in the Government of Canada's Expert Panel on Sustainable Finance Final Report dated June 2019. This development will have market implications for key stakeholders, including: • Companies in Canada seeking capital for transition-oriented activities (e.g. reducing greenhouse gas emissions and their environmental footprint while advancing new technologies). • Institutional and retail investors who require assurance that their investments support the transition to a lower carbon economy. • Canadian financial institutions providing credit solutions, advisory services or access to capital markets to enable the transition to a low-carbon economy while also helping clients manage transition risk.
Reputation	Relevant, always included	Reputational Risk is assessed by several players across the Bank including Corporate Sustainability, Environmental and Social Risk, Legal, and Communications. Reputational risks could arise if the Bank does not make meaningful and transparent commitments to address climate change, or if the Bank fails in meeting its own internal commitments, such as the Bank's Climate Commitments. This could prompt external stakeholders such as NGOs to speak out against the Bank for not being accountable or committed, which could damage the Bank's brand value and stakeholder relationships. In February 2018, Scotiabank announced its support of the TCFD Recommendations, which led to TCFD-aligned disclosures in both our 2018, 2019 and 2020 Annual Reports. In addition, the Bank is aware of the risks arising from exposure to high carbon projects. As such, Scotiabank has committed to establishing bank-wide, quantitative, time-bound targets for reducing GHG emissions associated with our underwriting and lending activities. Such plans will include a quantitative analysis of the GHG intensity of the bank's loan book and underwriting activities to establish a baseline, research on pathways to net zero for a bank, development of options for quantitative targets for reducing GHG emissions and creation of a report outlining GHG emission reduction plans, targets and timelines. Once such targets are established, the bank will report annually on plans and progress towards achieving these targets. Both the net zero targets and TCFD reporting are examples that have also been raised by investors. The Bank met these two obligations to help minimize reputational risk.
Acute physical	Relevant, always included	In certain regions, extreme weather events such as hurricanes and floods can represent acute physical risks to the infrastructure of bank branches, the safety of employees and clients, and the accessibility of suppliers. For example, Scotiabank has a significant number of branches and office locations in Central America and the Caribbean. These regions are geographically exposed to tropical storms, severe weather, hurricanes and floods. Experts are predicting that the number, frequency and intensity of severe weather of events in Central America and the Caribbean is increasing as a result of climate change. As a result, an increase in extreme weather events is expected to increase in the operational risks associated with these areas. Scotiabank operates 259 branches and office locations in Central America and the Caribbean in 14 countries, which is down from 325 branches and offices in 14 countries. In 2020, branches and offices in these regions experienced 9 hurricanes and tropical storms that resulted in very little physical damage with no closure. The Bank's Real Estate and Operational Risk teams have detailed and comprehensive protocols for enhancing preparedness: • International Master Construction Specifications are being updated for hurricane prone areas which include: Caribbean, Mexico, Costa Rica and Panama. In addition, Seismic Standards are being updated for earthquakes prone regions. • Real Estate is engaging a Climate Resiliency Consultant to complete a four-step approach to enhancing the Bank's preparedness for physical impacts of climate change. From a lending perspective, Business Banking clients are subject to a climate change risk assessment (CCRA) as part of the overall due diligence process. An internal guidance document is to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. The CCRA evaluates both the physical (acute and chronic) and transition risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.
Chronic physical	Relevant, always included	With its global footprint, Scotiabank is exposed to the chronic physical risks of climate change both directly and through our clients. For example, sea-level rise, the increase in frequency and duration of heat waves, and impacts on water availability and sanitation all could impact our employees and customers. Chronic impacts related to water availability and biodiversity loss may also impact our non-retail clients. For example, in Peru, El Niño-related seasonal weather patterns have impacted our clients within the fisheries (due to change in water temperature) and agricultural industries in this region. As El Niño becomes more frequent, this is increasingly impacting our business. Business Banking clients are subject to an assessment of climate change risks and opportunities as part of the overall due diligence process. An internal guidance document is also to be used by Bankers and Credit officers to assess a company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. Scotiabank has also implemented a mandatory climate change credit risk assessment (CCRA), a process which evaluates both the physical (acute and chronic) and transition risks a client may face, and their awareness level of such risks. As part of the implementation, bankers and credit officers are receiving mandatory enhanced climate change training as part of the existing environmental risk training in order to further guide their climate change assessments.

**(C-FS2.2b) Do you assess your portfolio's exposure to climate-related risks and opportunities?**

	We assess the portfolio's exposure	Please explain
Bank lending (Bank)	Yes	Scotiabank needs to be aware of and understand the climate change risks posed to our clients' businesses, which may affect their ability to repay their financing. For the Bank's non-retail clients, a climate change risk assessment (CCRA) is part of the normal due diligence process. Climate change risks are assessed as to whether they could pose a material risk to the client's business and their ability to pay back their commitments to the Bank. In 2020, we have assessed our exposure to the sectors with the highest vulnerability to physical and transition climate risk drivers to inform our risk management approach. These sectors most vulnerable to both physical and transition climate-related risks (Agriculture, Energy, Mining, Metals, Chemicals, Transportation, Forest products and Utilities) are disclosed in our 2020 ESG Report along with a corresponding physical risk rating, transition risk rating, overall climate risk rating and the % of net loans and acceptances for each sector. In terms of our retail client base, environmental site assessments are factored into the Bank's mortgage lending policies, which mainly focus on identifying land or groundwater contamination for certain types of properties.
Investing (Asset manager)	Yes	1832 Asset Management (1832): 1832 incorporates ESG issues, including climate-related risks and opportunities, into the investment analysis and decision-making processes. 1832's deep, bottom-up fundamental investment processes analyse scenarios that include energy prices, technology innovation, physical environmental changes, regulatory evolution and other factors to make investment decisions. At the portfolio level, the dedicated Investment Risk Team has developed portfolio reports on ESG factors using MSCI data. 1832 is currently developing portfolio reports on carbon intensity and climate-related risks. Overall assessment of climate-related risks and opportunities may involve, but is not limited to, fundamental bottom-up analysis using proprietary and/or third-party tools and data, company engagements, and information requests. Jarislowsky Fraser (JF): As with all material investment risks, climate risk is integrated into JF's bottom-up, fundamental analysis by the in-house research team and supplemented by external research from a variety of sources. JF's focus has generally been on the risks and opportunities that are material to its investment thesis for individual companies and broader portfolios related to a transition to a low-carbon economy. Potential regulatory and technological advancements, where material, are actively debated during regularly scheduled sector reviews and when assessing new and existing securities. In order to systematically integrate material climate-related risks and opportunities into investment decisions, JF leverages a variety of internal proprietary tools, conducts climate-related scenario analyses, and tracks several climate-related metrics including the weighted average carbon intensity and portfolio carbon footprint. MD Financial Management (MD): MD incorporates ESG issues, including climate-related risks and opportunities, into the investment analysis and decision-making processes. MD specifically assesses climate change risk by leveraging MSCI data to raise awareness of the risk exposures and then engage, directly and indirectly, with investee companies for opportunities to improve climate-related outcomes.
Investing (Asset owner)	<Not Applicable >	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable >	<Not Applicable>
Other products and services, please specify	Yes	Environmental and climate-related risks are integrated across the Bank's operations. The Bank's Operational Risk Management Framework outlines the Bank's structured approach for effective management of enterprise-wide operational risk. Operational risk management tools and programs are in place to support the identification and assessment of operational risk with each having their defined methodology and/or standards. We programmatically and systematically assess environmental and climate risk as part of the Bank's Operational Risk Management Framework. The key tools include Risk and Control Self-Assessments (RCSA) and the New Initiatives Risk Assessment (NIRA) process. The RCSA includes formal reviews of significant units, operations and processes to identify and assess operational risks. This program provides a basis for management to ensure that key environmental and climate-related risks have been identified and that controls are functioning effectively. We use the NIRA tool to assess environmental and climate-related risks for any material new product, program or process, as well as for third party vendor checks. Further, environmental and climate-related risks are a factor in our regularly updated business continuity plans for every operating unit in the Bank.

**C-FS2.2c**

**(C-FS2.2c) Describe how you assess your portfolio's exposure to climate-related risks and opportunities.**

	Portfolio coverage	Assessment type	Description
Bank lending (Bank)	Majority of the portfolio	Qualitative and quantitative	We have selected "Majority of the portfolio" as the Bank has For the Bank's business clients, a climate change risk assessment (CCRA) which is part of the normal due diligence process for Bank's business clients. These reviews outline the climate change risks (Transition and Physical) associated with the specific industry. An internal guidance document is to be used by Bankers and Credit officers to assess a Company's management of its environmental and climate change risks. The risks raised by this due diligence document, and their mitigants, are to be summarized under the Key Risks and Mitigants section of the Credit Presentation. As stated in our 2020 ESG Report, in November 2019 we developed a mandatory enhanced due diligence process for assessing the risks our corporate and commercial clients may face due to climate change. The climate change risk assessment (CCRA) process evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face, and their awareness level of such risks. The CCRA is conducted at the transaction level and helps to inform credit decisions. Banking officers and credit adjudicators participated in mandatory training on assessing climate-related risk to ensure effective implementation of the CCRA. This process will also support data collection to enable the Bank to effectively mitigate and manage risk across sectors and will support stress testing and scenario planning of our loan book. The Bank is also developing a methodology for stress testing the business loan portfolio according to various internationally recognized climate change scenarios and models.
Investing (Asset manager)	Majority of the portfolio	Qualitative and quantitative	In this case, the portfolio coverage refers to the combined assets of 1832 Asset Management, Jarislowsky Fraser, and MD Financial Management, where climate-related risks and opportunities are assessed using the respective methods of each firm. We have selected majority of the portfolio because a small portion of our portfolios (which represent less than 15% of AUM) are held by sub-advisors. Although we engage and confirm that partners have appropriate processes for management climate-related exposure, however we cannot directly assess that exposure in real time in every case. Climate-related risks, along with overall risk exposure is part of the periodic oversight process of our subadvisors. 1832 Asset Management (1832): As part of the fundamental investment process 1832 analyses the ability of a company to adapt their business model to various climate-related scenarios over time, including its ability to generate revenue and manage its costs, using excel models and comparative fundamental assessments.. A key part of the process is direct management team engagement to assess their company's strategies and plans to handle climate change. 1832 differentiates companies based on whether they have a coherent and credible strategy to manage evolving regulatory and energy price scenarios. Where relevant, 1832 incorporates MSCI ESG research and data into the fundamental assessment of companies. The ESG Investment Committee supports each of the portfolio management teams in integrating ESG and other risks into their respective investment processes. Jarislowsky Fraser (JF): JF has developed proprietary tools to ensure that climate-related risks and opportunities, where material, are systematically integrated into the investment process across all names approved for investment within both equity and fixed income asset classes: - In addition to the summary report and financial model, analysts include a Business Practice Scorecard that summarizes relative and absolute assessments of common ESG factors that may or may not be noted explicitly in other analyses. Emissions management strategy, CDP disclosure and other indicators of emissions strategy and efficiency are examples of the items assessed. - JF's proprietary portfolio-level ESG&F heatmap records a variety of environmental, social, governance and financial indicators of quality. Companies' CDP Scores are included in this heatmap. Companies that do not disclose to CDP are flagged and assessed for potential engagement, depending on the materiality of climate risk to the business model. - Included as part of the internal quarterly risk review, the portfolio carbon footprint compares both overall and sector level emissions vs. benchmarks, as well as a listing of the highest emitting companies. The goal of the risk review is to inform the firm's investment oversight body, the Investment Strategy Committee, of the risk exposures in each portfolio, and to potentially trigger a discussion of a company's overall emissions-management strategy, the expected future direction, relative risk exposure to current and future regulatory changes, and how that risk is reflected in the assessment of the risk-adjusted returns for the company. Analysts and portfolio managers include each company's carbon intensity on weekly earnings monitors alongside financial metrics and ratios. JF also tracks other portfolio climate-related metrics, including, but not limited to, the weighted average carbon intensity (Scope 1 and 2 tons of CO2e per \$M US Sales) and exposure to carbon-related assets (fossil fuel reserves and stranded assets). The weighted average carbon intensity is the primary carbon metric used internally to track portfolio exposure to carbon intensive companies and industries, and to compare portfolio intensities to that of their respective index. This metric is also used for client reporting. Lastly, JF uses a variety of climate-related scenario analyses to better understand the resilience of its investments and portfolios. The use of scenarios is particularly prevalent in the analysis of energy-related and more energy-intense industries where the price of energy is an important input into the individual company forecasts. Over time managers may make adjustments to the portfolio based on, but not exclusively, a bottom-up view of the prospects for existing and future technologies, physical changes to the environment, public policy, and regulations related to climate change and carbon emissions. MD Financial Management (MD): Using MSCI ESG data, MD applies a scorecard approach for all equity holdings in MD Funds. This measurement and assessment process of companies allows MD to focus on specific ESG issues uniquely important to its Canadian Physician clients and engage with companies that score poorly relative to the industry. A negative screening approach is deployed in the management of the MD Fossil Fuel Free Bond and MD Fossil Fuel Free Equity Funds.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Please select	Please select	

**C-FS2.2d**

**(C-FS2.2d) Do you assess your portfolio's exposure to water-related risks and opportunities?**

	We assess the portfolio's exposure	Portfolio coverage	Please explain
Bank lending (Bank)	Yes	Minority of the portfolio	Environmental risks associated with the business operations of each borrower and any real property offered as security are considered in the Bank's credit evaluation procedures. These risks may include water-related risks. The credit evaluation includes an environmental risk assessment where applicable, and commentary on the potential impact on the borrower. More specifically, during the due diligence process, an internal guidance document is to be used by Bankers and Credit managers to assess a Company's management of its environmental and climate change risks, which may include water-related risks.
Investing (Asset manager)	Yes	Majority of the portfolio	1832 Asset Management (1832): Where relevant, 1832's fundamental investment processes analyse a company's ability to access water necessary for their processes such as mining and energy producers, and industrial manufacturers. Risks related to potential water contamination or water shortages are part of the fundamental assessment of these companies. Where water-related factors are included in MSCI research and data, those factors are incorporated into the fundamental process. Jarislowsky Fraser (JF): To the extent it is seen as material for individual companies, industries or regions it invests in, JF monitors and assesses operations for metrics such as water use and waste disposal practices. MD Financial Management (MD): The assessment approach is based on all ESG factors and may include water-related issues.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Not applicable	<Not Applicable>	Not applicable

C-FS2.2e

**(C-FS2.2e) Do you assess your portfolio's exposure to forests-related risks and opportunities?**

	We assess the portfolio's exposure	Portfolio coverage	Please explain
Bank lending (Bank)	No, but we plan to do so in the next two years	<Not Applicable>	Environmental risks associated with the business operations of each borrower and any real property offered as security are considered in the Bank's credit evaluation procedures.
Investing (Asset manager)	Yes	Majority of the portfolio	1832 Asset Management (1832): Where relevant, 1832's fundamental investment processes analyze a company's ability to access water necessary for their processes such as mining and energy producers, and industrial manufacturers. Risks related to potential water contamination or water shortages are part of the fundamental assessment of these companies. Where water-related factors are included in MSCI research and data, those factors are incorporated into the fundamental process. Jarislowsky Fraser (JF): To the extent it is seen as material for individual companies, industries or regions it invests in, JF monitors and assesses operations for issues such as sustainable forestry practices, land rights and supply chain transparency. MD Financial Management (MD): The assessment approach is based on all ESG factors and may include forest-related issues.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Not applicable	<Not Applicable>	Not applicable

C-FS2.2f

**(C-FS2.2f) Do you request climate-related information from your clients/investees as part of your due diligence and/or risk assessment practices?**

	We request climate-related information	Please explain
Bank lending (Bank)	Yes	Since 2019, the Bank standardized the process of performing Climate Change Risk Assessments (CCRAs) for all business borrowers. Banking officers and credit adjudicators are to collect information in consultation with borrowers based on a series of specific questions that evaluate both the physical and transition risks a borrower may face, and their awareness level of such risks. The CCRA is thus conducted at the transaction level and helps to inform credit decisions. Banking officers and credit adjudicators participated in mandatory training on assessing climate-related risk to ensure effective implementation of the CCRA.
Investing (Asset manager)	Yes, for some	1832 Asset Management (1832): As part of 1832's fundamental engagement with corporate management teams, they discuss their exposure to carbon emissions and their strategies to manage evolving regulatory aspects of climate change, where relevant. 1832 continues to encourage issuers to enhance their disclosure of climate-related data and information during their engagements. The ESG Investment Committee continues to support each of the portfolio management teams with the incorporation of ESG factors into their fundamental process, and the enhancement of the documentation of their assessment of these factors. Jarislowsky Fraser (JF): Analysts routinely engage with management teams on matters related to climate risk. This includes discussions around emissions management strategies, carbon pricing, and business resiliency. JF also leverages CDP Scores for its proprietary portfolio-level Environment, Social and Governance (ESG) heatmap, and flags companies that do not disclose to CDP for potential engagement. The investment team advocates for CDP-equivalent disclosure and progress towards TCFD-aligned reporting, while constructively engaging with outliers to implement best practices. Engagements are documented but the prioritization, form and tactics of the engagement are left up to the analyst. The use of the information collected depends on the materiality of climate-related risks and opportunities to each individual company and an evaluation of systemic risk exposure of the portfolios. MD Financial Management (MD): MD actively engages with investees, either directly or indirectly, on identified climate change issues and opportunities for improvement. In addition, as part of MD's Fund oversight and Investment Management process, on an annual basis, MD collects and reviews the sustainability investment approach of all appointed Fund Advisors. These sustainability investment approaches may include specific assessment information on climate-related risks and opportunities.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Not applicable	Not applicable

C2.3

**(C2.3) Have you identified any inherent climate-related risks (C2 with the potential to have a substantive financial or strategic impact on your business)?**

Yes

C2.3a

**(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**

Risk 1

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

Direct operations

**Risk type & Primary climate-related risk driver**

Reputation	Increased stakeholder concern or negative stakeholder feedback
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**Primary potential financial impact**

Decreased access to capital

**Climate risk type mapped to traditional financial services industry risk classification**

Reputational risk

**Company-specific description**

Maintaining the trust of stakeholders is critical to the long-term success of our Bank. We recognize that climate change is one of the most pressing issues of our time. As an international financial institution, we have both the responsibility and opportunity to act. Inaction could lead to harm to the Bank's brand and reputation, which potentially would make the Bank a less attractive investment and could increase the cost of capital from investors. As both the physical and transitional impacts associated with a changing climate becomes increasingly material, there is increasing pressure on financial institutions to develop robust climate strategies, enhance transparency on climate impacts and risks, and directly contribute to reducing the impacts of climate change, including through financing and lending activities. Increasingly, our investors are engaging with us actively on the topic of climate change. For example, in 2020 the Corporate Sustainability team was asked to participate in over 15 calls with investors to support ESG and climate-themed discussions in fiscal 2020. Over the past few years, Scotiabank has received several shareholder proposals related to how the Bank was addressing climate change and related risks, indicating shareholder interest in climate-related risk management and decarbonization, as detailed in our annual Management Proxy Circular reports.

**Time horizon**

Short-term

**Likelihood**

Very likely

**Magnitude of impact**

Low

**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**

It is difficult to estimate a financial impact figure associated with the potential reputational risks of climate change.

**Cost of response to risk**

1000000

**Description of response and explanation of cost calculation**

Through our Climate Commitments, we have committed to ensuring robust climate-related governance and transparency in our reporting to meet growing shareholder interest and demand. We continually review our disclosures with a view to evolving expectations and requirements, with the goal of mitigating reputational risk. The Bank maintains frequent dialogue with current and potential institutional investors to better understand their management expectations. External ESG ratings and assessments are one example of how strong ESG transparency and performance can contribute to a positive reputation on climate change and improve visibility to and relationships with investors. In 2020, Scotiabank had a goal to improve shareholder visibility into our ESG performance. To help achieve this goal, we recognized the influence of external ESG ratings; for example the need to perform well in order to be eligible for inclusion in ESG-themed investment indices as well as their value in helping investors understand and compare company-to-company ESG performance. We took action to ensure our robust ESG policies and performance were being clearly communicated through our annual ESG report and directly to ESG rating agencies to ensure investors understood the investment and commitment Scotiabank was making to ESG. Since 2017, Scotiabank's focus on increased and robust transparency on ESG has led to several ESG ratings improvements including inclusion on the DJSI North America, an improved ISS ESG rating to "Prime" status, an upgraded ESG rating to the highest level of AAA offered by MSCI, and in 2020 we were proud to achieve an A- grade from CDP for climate disclosures. The estimated cost of response is based on the cost preparing ESG disclosures and content for investors (such as our Annual ESG Report and TCFD disclosures) and time spent engaging with and responding to shareholder and investor queries on ESG and climate change. Producing these materials for investors requires internal resources and when needed, the use of external subject matter experts and consultants. To further manage reputational risk with investors, the Bank has both a dedicated Investor Relations team and a Corporate Governance team to proactively engage investors and respond to inquiries should they arise, including on the topic of climate change. We also have increasingly begun engaging with rating agencies on climate and the impact of ESG and climate risks on credit ratings.

**Comment**

**Identifier**

Risk 2

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

Direct operations

**Risk type & Primary climate-related risk driver**

Acute physical	Increased severity and frequency of extreme weather events such as cyclones and floods
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**Primary potential financial impact**

Increased indirect (operating) costs

**Climate risk type mapped to traditional financial services industry risk classification**

Operational risk

**Company-specific description**

Scotiabank's operations are vulnerable to the physical impacts of climate change. According to the Intergovernmental Panel on Climate Change (IPCC), as global average temperatures trend upwards, scientists predict a rise in the number, frequency and intensity of extreme weather events and severe weather conditions. Severe weather, such as floods, wildfires, hurricanes and extreme cold or heat, present a growing physical risk for the Bank. Severe weather events can damage Bank properties and disrupt operations, thereby negatively impacting Scotiabank's ability to conduct business and resulting in additional capital costs due to damage to physical assets. Examples could include broken windows, wall and roof damage, flooding, power and infrastructure damage. We operate 3,104 locations, of which some are particularly vulnerable to the physical impacts of climate change, extreme weather and corresponding damage may impede the accessibility of our branches to our customers. In 2020, Scotiabank's operations experienced nine natural disaster events related to extreme weather. Though in 2020, these events did not result any branch or office closures, extreme weather events could impact operations in future years. Importantly, Scotiabank has a significant number of branches and office locations in Central America and the Caribbean. These regions are geographically exposed to tropical storms, severe weather and hurricanes. Experts are predicting that the number, frequency and intensity of severe weather of events in Central America and the Caribbean is increasing as a result of climate change. As a result, an increase in extreme weather events is expected to increase in the operational risks associated with these areas. Scotiabank operates 259 branches and office locations in Central America and the Caribbean. In 2020, branches and offices in these regions experienced nine hurricanes and tropical storms that resulted in little physical damage but no closure.

**Time horizon**

Long-term

**Likelihood**

Virtually certain

**Magnitude of impact**

Low

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

Yes, an estimated range

**Potential financial impact figure (currency)**

&lt;Not Applicable&gt;

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

500000

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

15000000

**Explanation of financial impact figure**

The potential financial impact of a severe weather event in the Central American and Caribbean regions depends on the severity of the event. We understand that extreme weather events are expected to increase in frequency and severity and could occur now and into the future. Based on recent experience, property damage occurring as a result of a weather events can cause minimal (\$500,000) or extensive damage (\$15,000,000). As such, we believe the range of property damage on annual basis is 500,000 (cost of minor repairs, fix broken windows, flood damage, etc) to 15,000,000 (cost of repairing major structural damage, rebuilding office or branch buildings etc).

**Cost of response to risk**

1000000

**Description of response and explanation of cost calculation**

Scotiabank's operations are vulnerable to the physical impacts of climate change. With growing frequency and severity of severe weather events, the Bank is faced with a growing operational risk that could result in physical property damage and interruptions to the provision of service to customers. Particularly, with a significant presence in Central America and the Caribbean, the Bank expects to be impacted by hurricanes and tropical storms that are intensifying in this region. To manage this growing operational risk, the Bank's Real Estate and Operational Risk teams have detailed and comprehensive protocols for enhancing preparedness for the physical impacts of climate change. To further mitigate risk, the Bank's International Master Construction Specifications have been updated to enhance building requirements for hurricane prone areas which include: Caribbean, Mexico, Costa Rica and Panama. In addition, Seismic Standards are being updated for earthquakes prone regions. Scotiabank is currently completing a vulnerability assessment study that examines the entire global portfolio of physical assets by geography, using historical weather/seismic data and estimated future environmental impacts. The goal is to identify locations requiring a more detailed review and/or future mitigation and adaptation strategies. The assessment covers most of our Real Estate assets. Locations with a medium to high risk rating based on geographic location will undergo a secondary assessment which includes climate-related scenarios at a regional level (i.e. impact on the existing vulnerabilities in certain weather events). The assessment started in the Fall of 2020 and results of the secondary assessment are expected in June 2021. The results of the assessment will enable Scotiabank to better understand the risk that climate change poses to its physical operations and take sets to mitigate these risks (building upgrade, storm protection, branch relocations, etc). By implementing these recommendations, the Bank is poised to enhance the resiliency of its operations in the face of the impacts of a changing climate. The preliminary estimates of the cost to conduct a climate resiliency study of our entire network (as described above) in order to help us manage climate change risks is \$1,000,000 CAD. This cost is based on engaging a Climate Resiliency Consultant to complete a four-step approach to enhancing the Bank's preparedness for physical impacts of climate change.

**Comment****Identifier**

Risk 3

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

Downstream

**Risk type & Primary climate-related risk driver**

Market	Uncertainty in market signals
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**Primary potential financial impact**

Increased credit risk

**Climate risk type mapped to traditional financial services industry risk classification**

Credit risk

**Company-specific description**

Scotiabank considers environmental risk (including climate-related risks) as a principal risk type. Climate-related risk refers to the possibility that climate change issues associated with our customers could ultimately affect Bank performance by giving rise to credit risk. Climate change risk is the risk a Borrower faces in potential revenue losses, cost increases, liability exposures and/or asset impairment that threaten their viability based on physical and transition risks associated with climate change. Examples of physical risk considerations include severe weather (e.g. floods, hurricanes, extreme cold or heat). Examples of transition risk considerations include policy/regulatory actions such as subsidies, taxes or increased fuel costs, as well as changing market conditions. Climate change has the potential to impact the Bank's business banking profitability through credit losses. Scotiabank is exposed to a variety of different sectors and types of borrowers experiencing varying degrees of climate-related risk. As outlined on page 18 of our 2020 ESG Report, we have assessed and disclosed our exposure to the sectors with the highest vulnerability to physical and transition climate risk drivers to inform our risk management approach. The Agriculture, Energy, Mining, Metals, Chemicals and Utilities sectors carry the highest climate-related risk and make up 2.36%, 1.98%, 1.02%, 0.36%, 0.28% and 2.65% of our net loans and acceptances respectively. As the impacts of climate change increase in prominence, so does the Bank's need to understand whether, and to what degree, its customers may be vulnerable to climate-related risks.

**Time horizon**

Medium-term

**Likelihood**

About as likely as not

**Magnitude of impact**

Low

**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**

In setting our allowance for credit losses, we account for a variety of different credit risks, including climate-related risk. However, in our 2020 ESG Report, we have assessed and disclosed our exposure to the sectors with the highest vulnerability to physical and transition climate risk drivers to inform our risk management approach.

**Cost of response to risk**

500000

**Description of response and explanation of cost calculation**

For over a decade, the Bank has utilized and refined a comprehensive environmental risk management process. The identification, assessment and management of climate change risk is done through due diligence as part of the existing environmental risk assessment and credit adjudication processes. In fiscal 2019, we developed an enhanced due diligence process for assessing the risks our corporate and commercial clients may face due to climate change. At the borrower-level, the Climate Change Risk Assessment (CCRA) evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face. It also assesses a client's awareness of, and response to, such risks. The CCRA was made a mandatory part of business banking due diligence in November 2019 and is undertaken at least annually. This enables the Bank to effectively understand, mitigate and manage climate change risks across sectors and geographies and to support stress testing and scenario planning of our business banking loan book. At the industry-level, commentary and assessment of environmental and climate change risk is a standard part of each annual industry review. The CCRA and climate sector vulnerability methodology have been included within industry reviews to assess climate risk drivers and determine their potential materiality. As a case study, a Scotiabank client in the Energy sector may face significant climate-related transition risk as a result of emerging climate change policies and regulations that could have a meaningful, negative financial impact on its business. As part of the Bank's proprietary CCRA process, a banker would engage the client to understand how the borrower's business or operations may be impacted by climate-related risk. Having completed the Scotiabank climate-related risk training, a banker engages the client to answer a series of transition-related questions to assess the borrower's fossil fuel dependency and their level of emissions. Should the borrower demonstrate a significant reliance on fossil fuels, the borrower would receive a "high" transition-risk rating. This information would be documented in the Scotiabank Credit Presentation. The estimated cost of management of this risk (\$500,000) is based on a high-level estimate and relevant assumptions related to annual human resource costs of the Environment and Social Risk team, (i.e. the annual salaries and benefits for several full-time employees).

**Comment**

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**C2.4**

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**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes

**C2.4a**

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**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**

Opp1

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

Direct operations

**Opportunity type**

Resource efficiency

**Primary climate-related opportunity driver**

Move to more efficient buildings

**Primary potential financial impact**

Reduced indirect (operating) costs



**Company-specific description**

As stated by the Scotiabank Climate Commitments, the Bank works to address climate change mitigation and adaptation by decarbonizing our operations through energy efficiency and innovation. The Bank realizes that there is a significant opportunity to lower our operating costs by improving energy and resource efficiency at the buildings where we conduct business. In fiscal 2020, the Bank owned or leased 950 retail locations, and occupied space in 119 office buildings across Canada, representing approximately 1,044,472 square metres. Internationally, we operated 1,824 owned and leased retail locations and occupied space in 135 office buildings outside of Canada, representing approximately 1,187,715 square metres. Supplying electricity, power and water to these retail and office locations confers a significant operating cost for the Bank. By implementing energy reduction initiatives, such as HVAC retrofits, building system upgrades and lighting retrofit projects, the Bank is poised to operate its buildings more efficiently, thereby reducing its operating expenditures, such as water, heating and electricity. In addition to renovations and retrofits, the Bank realizes that it can further streamline its operations by densifying office spaces through the adoption of new workplace strategies that provide flexible office spaces. These strategies enable greater workforce flexibility while also reducing the space needed per employee by 40%, conferring both cost and resource savings.

**Time horizon**

Short-term

**Likelihood**

Virtually certain

**Magnitude of impact**

Medium-low

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

Yes, a single figure estimate

**Potential financial impact figure (currency)**

1832000

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

<Not Applicable>

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

<Not Applicable>

**Explanation of financial impact figure**

The potential financial impact figure describes the annualized energy savings calculated based on the instalment and implementation of energy reduction initiatives in fiscal 2020. The financial impact figure was calculated by totalling the anticipated savings that will result from the Bank's energy efficiency initiatives (such as HVAC upgrades), lighting retrofit projects in Peru and renewable energy projects (such as solar installations) for fiscal 2020. We project that the financial benefit of these energy efficiency initiatives will be approximately \$1,832,000 on an annualized basis.

**Cost to realize opportunity**

4744000

**Strategy to realize opportunity and explanation of cost calculation**

To realize this opportunity, the Bank has implemented an emissions reduction target and an internal price on carbon to incentivize investment in energy efficiency and renewable energy projects. In fiscal 2019, we set a new target to reduce our greenhouse gas emissions by 25% (from a 2016 baseline), after we achieved our previous target two years early. In 2018, we set an internal price on our Scope 1 and 2 emissions from our capital expenditure budget. In 2020, we have doubled our internal carbon price from \$15 to \$30 per tonne of CO<sub>2</sub>e, and it will rise again to \$60 by 2022. As our internal price on carbon incrementally increases, we have a growing pool of capital to re-invest to support the decarbonization of our operations and improve our operating efficiency. In fiscal 2020, Scotiabank's internal price on carbon raised nearly CAD\$3.4 million, to be re-invested in a variety of renewable energy and efficiency projects across our footprint. The Bank's Real Estate group has dedicated resources for identifying and implementing energy reduction initiatives. For example, site-by-site comparisons and monthly consumption audits are conducted to identify consumption anomalies and high-use locations. This information is used to investigate potential payback of retrofits or new projects that would reduce consumption. In fiscal 2020, the Bank undertook a variety of efficiency initiatives that contributed to our overall resource efficiency. These included air-conditioning (HVAC) retrofits in our international locations, we could save \$1,318,000 and reduce our emissions by 2,143 tonnes CO<sub>2</sub>e annually. In fiscal 2020, the Bank spent approximately \$4,744,000 on the instalment and implementation of energy reduction initiatives in order to meet our emissions reductions target and realize the opportunity of enhancing our energy efficiency to lower the Bank's operating costs. The cost to realize the opportunity was calculated by totalling the Bank's energy efficiency initiatives (such as HVAC upgrades), lighting retrofit projects in Peru and renewable energy projects (such as solar installations) for fiscal 2020.

**Comment****Identifier**

Opp2

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

Downstream

**Opportunity type**

Markets

**Primary climate-related opportunity driver**

The development of new revenue streams from new/emerging environmental markets and products

**Primary potential financial impact**

Other, please specify (Increased integration of climate considerations and value creation for clients )

**Company-specific description**

Recognizing the critical role that the financial services sector plays in the transition to a low-carbon, more resilient and prosperous future, we launched the Scotiabank Climate Commitments to support clients in the transition to a low-carbon economy. As part of our climate commitments, we have committed to mobilize \$100 billion by 2025 to reduce the impacts of climate change. To support this goal, we continue our work across all business lines to grow markets for low-carbon and climate-resilient solutions and direct funding towards supporting the goals of the Paris Agreement. Our Global Banking and Markets (GBM) business line provides corporate clients with lending and transaction services, investment banking advice and access to capital markets. GBM is a full-service wholesale bank in the Americas, with operations in 21 countries, serving clients across Canada, the United States, Latin America, Europe and Asia-Pacific. GBM at Scotiabank has demonstrated leadership in green bond financing, having acted as a Bookrunner on more than \$10 billion of green, social, sustainability and sustainability-linked bonds since January 1, 2014. Recognizing our unique opportunity and responsibility as a global financial organization to advance climate transition and promote sustainable economic growth, in June 2020, Scotiabank announced the formation of its Sustainable Finance Group within its GBM division. The Sustainable Finance Group complements Scotiabank's expertise in ESG, working closely with Scotiabank partner teams to provide financial solutions and advice across sustainable finance products to corporate, financial, public sector and institutional clients across our global footprint. The Sustainable Finance team at Scotiabank is an active participant with the Canadian Standards Association (CSA) in its development of a "Canadian Transition Finance Taxonomy", a tool aimed at enabling high-emission sectors pivot towards a low-carbon future at an accelerated pace. At the international level, the Sustainable Finance team acted as key member in the development of a Transition Finance Handbook published December 9, 2020 by the International Capital Markets

Association. This, combined with the Bank's involvement with the CSA Transition Finance initiative, demonstrates the priority we place on developing internationally recognized standards to accelerate the funding of the transition to a low carbon economy.

**Time horizon**

Medium-term

**Likelihood**

Virtually certain

**Magnitude of impact**

High

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

Yes, a single figure estimate

**Potential financial impact figure (currency)**

100000000000

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

<Not Applicable>

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

<Not Applicable>

**Explanation of financial impact figure**

Scotiabank is committed to mobilizing \$100 billion by 2025 to reduce the impacts of climate change. This includes lending, investing, financing and advisory, contributions to the Bank's direct operations and support for communities where it operates to reduce climate-related impacts. It also includes the creation of new products and services that will enable capital to be directed toward climate change mitigation and adaptation initiatives. At the end of fiscal 2020, Scotiabank has mobilized over \$28 billion toward this commitment.

**Cost to realize opportunity**

**Strategy to realize opportunity and explanation of cost calculation**

Scotiabank's GBM division has a team of financial professionals and sector experts dedicated to supporting the renewable energy sector around the world. Scotiabank recently launched a Sustainable Finance Group within GBM to help further the Climate Commitments, working closely with partner teams to provide financial solutions and advice across sustainable finance products to corporate, financial, public sector and institutional clients across our global footprint. Scotiabank is committed to mobilizing \$100 billion by 2025 to reduce the impacts of climate change. This includes lending, investing, financing and advisory, contributions to the Bank's direct operations and support for communities where it operates to reduce climate-related impacts. It also includes the creation of new products and services that will enable capital to be directed toward climate change mitigation and adaptation initiatives. At the end of fiscal 2020, Scotiabank has mobilized over \$28 billion toward this commitment. This includes lending, finance and advisory services aligned to our Green and Transition Taxonomy, which covers renewable energy, green buildings and clean transportation, among other categories. Scotiabank's Sustainable Finance Group provides advice and solutions to corporate, financial, public sector and institutional clients around the world. Throughout 2020, working closely with teams across the GBM division, Scotiabank maintained a leading position as a top Canadian dealer of sustainability bonds. As a case study, in June 2020, Scotiabank realized an opportunity to work with a Real Estate Investment Trust to act as the Joint Bookrunner and Green Structuring Advisor for the client's inaugural \$500 million seven-year Green Bond. Proceeds will be used to finance and/or refinance eligible projects, for example green buildings, resource efficiency, clean transportation and renewable energy. See pg 21 of our 2020 ESG Report for other examples. Scotiabank has not assigned an additional cost to realize this opportunity as the Sustainable Finance team is viewed as part of Scotiabank's commitment to sustainability and is embedded as part of the Bank's overall strategy to integrate ESG across all facets of our business. Scotiabank views this as a unique opportunity and responsibility as a global financial organization to support its clients in advancing their own organizational ESG commitments, including climate transition strategies and sustainable economic growth.

**Comment**

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**Identifier**

Opp3

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

Downstream

**Opportunity type**

Products and services

**Primary climate-related opportunity driver**

Ability to diversify business activities

**Primary potential financial impact**

Increased revenues resulting from increased demand for products and services

**Company-specific description**

As a leading Bank in the Americas with strong market position in Canada and the Pacific Alliance growth markets of Mexico, Peru, Chile and Colombia, Scotiabank acknowledges the unique role we can play in transitioning to a low-carbon, more resilient economy by accelerating climate solutions through our core business activities. Guided by the Scotiabank Climate Commitments, we aim to play an active role in supporting the transition to a low-carbon, more resilient economy by accelerating climate solutions through our core business activities and enabling our customers, employees and communities to thrive. We also continue to innovate and develop new products and services to support clients in the transition to a low-carbon future. Shifts in the supply and demand for green products represents an opportunity for Scotiabank. Launched in June 2019, Scotiabank's Green Bond Framework enabled Scotiabank to develop green products to support climate change and energy transition in line with the internationally recognized Green Bond Principles. In fiscal 2019, we issued our inaugural 3.5 year USD\$500 million Green Bond and in fiscal 2020, we published our first annual Green Bond Report. As part of our climate commitments, we have committed to mobilize \$100 billion by 2025 to reduce the impacts of climate change. We have also committed to establishing a Climate Change Centre of Excellence to mobilize collaboration, dialogue and information-sharing and contribute to the global conversation on climate change. In doing this, we are strengthening our position to offer green products and services, thereby supporting the transition to a low carbon economy across our international footprint.

**Time horizon**

Short-term

**Likelihood**

Virtually certain

**Magnitude of impact**

Medium-high

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

Yes, a single figure estimate

**Potential financial impact figure (currency)**

651509254

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

<Not Applicable>

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

<Not Applicable>

**Explanation of financial impact figure**

This figure is the amount of net Green Bond proceeds in CAD, equivalent to the USD\$500 million issued on July 18, 2019 (settlement date), using the USD-CAD exchange rate on this date. The net proceeds from the Green Bond were used to refinance and allocated to eligible green assets, which refer to new or existing assets, businesses or projects that meet the Scotiabank Green Bond Framework Eligibility Criteria.

**Cost to realize opportunity**

500000

**Strategy to realize opportunity and explanation of cost calculation**

As demand grows for products and services aligned with a low carbon economy, there is a growing opportunity to offer financial products and services. In launching the Scotiabank Climate Commitments, we have committed to mobilizing \$100 billion by 2025 to reduce the impacts of climate change. In June 2019, Scotiabank engaged clients and industry members by hosting its inaugural ESG Conference in Toronto, Canada in order to contribute to the dialogue on ESG within capital markets. The conference included topics such as how conscious investing can create a better society; climate change, energy transition, and environmental stewardship in a global context; and theory and practices of ESG while investing for alpha. In order to respond to growing demand for products and services aligned with a low carbon economy, Scotiabank continues to develop new product and service offerings. In June 2019, Scotiabank’s Green Bond Framework was developed in line with the International Capital Market Association’s (ICMA) Green Bond Principles. Scotiabank’s Green Bond Framework allows Scotiabank to utilize the debt capital markets for climate change and energy transition solutions in line with the internationally recognized Green Bond Principles, doing our part to building a sustainable future. In July 2019, Scotiabank issued its inaugural USD\$500 million Green Bond, of which proceeds were used to fund assets aligned to the Scotiabank Green Bond Framework, including the categories of Clean Transportation and Green Buildings. The net proceeds from the Green Bond were used to refinance and allocated to eligible green assets, which refer to new or existing assets, businesses or projects that meet the Scotiabank Green Bond Framework Eligibility Criteria. Scotiabank’s loan share of the green building category includes approximately 1,350,995 square feet of certified green real estate space (LEED® Gold or Platinum) across Canada that, once completed and operational, will lead to an estimated: 20,735 eMWh of energy saved annually – the equivalent of powering 800 households in Canada and 2,511 tonnes of CO2e emissions avoided annually. The estimated cost of management of this opportunity (\$500,000) is based on a high-level estimate and relevant assumptions related to the cost of issuing our Scotiabank Green Bond (external consultant, Framework development, impact reporting).

**Comment**

**C3. Business Strategy**

**C3.1**

**(C3.1) Have climate-related risks and opportunities influenced your organization’s strategy and/or financial planning?**

Yes, and we have developed a low-carbon transition plan

**C3.1a**

**(C3.1a) Is your organization’s low-carbon transition plan a scheduled resolution item at Annual General Meetings (AGMs)?**

	Is your low-carbon transition plan a scheduled resolution item at AGMs?	Comment
Row 1	No, and we do not intend it to become a scheduled resolution item within the next two years	Our stakeholders have not requested this type of resolution. However, we continue to engage with our stakeholders on various governance matters, including ESG issues, in order to help inform our governance practices and disclosure and we continue to monitor further developments in the governance landscape.

**C3.2**

**(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?**

Yes, qualitative and quantitative

**C3.2a**

**(C3.2a) Provide details of your organization’s use of climate-related scenario analysis.**

Climate-related scenarios and models applied	Details
Other, please specify (Internal proprietary methodology)	The Bank has begun to use climate-related scenario analysis, most notably in two ways: 1. Internal sector sensitivity assessment: We have applied an internally-developed methodology to assess climate risk in our non-retail portfolio. The analysis was completed at the sector-level and considered both current and potential future exposure to climate risks. We are currently focused on applying more defined criteria for assessing climate risk at the borrower-level. For instance, in 2019, we developed the Climate Change Risk Assessment (CCRA), an enhanced due diligence process for assessing the climate-related risks our corporate and commercial clients. This process will also support data collection to enable the Bank to effectively mitigate and manage risk across sectors and will support stress testing and scenario planning of our loan book. 2. UNEP FI TCFD Pilot: Scotiabank’s participation in the UNEP FI TCFD Stage 3 pilot is focused on harmonizing industry-wide approaches for climate scenario analysis in bank lending portfolios. This project explored how to quantify the bank’s portfolio exposure to transition and physical risks by suggesting amendments to existing credit risk ratings to incorporate a weighted climate loss given default rate. Participation in the pilot will help us shape and harmonize best practices for scenario analysis as we plan to add climate factors into our stress testing models. The Bank is leveraging the data collected from the CCRA and the knowledge gained from participating in the UNEP FI Stage 2 and 3 pilots to develop a methodology for stress testing business and retail banking portfolios at the sector and borrower level according to various internationally recognized climate change scenarios and models.
IEA Sustainable development scenario Other, please specify (IEA STEPS, IEA NZE2050, UN IPR FPS)	Jarislowsky Fraser is a bottom-up, fundamental, active manager. Our approach to assessing and managing climate-related issues reflects our quality-focused philosophy, as well as the concentrated nature of our portfolios. As such, it is important to note that top-down scenario analysis is not a key input in our stock selection or portfolio construction process. However, due to the systemic and wide-ranging nature of climate change, we believe a unified understanding of possible climate outcomes can be a useful tool for the purpose of risk identification and management. To inform our company-specific discussions and track potential outcomes beyond our typical investment horizon (beyond ten years), we reference several well-established climate scenarios (IEA STEPS, IEA SDS, IEA NZE2050, and UN IPR FPS). We monitor various elements through both company-specific and broader sustainability research to assess the relative likelihood and representativeness of the different scenarios. These scenarios are not meant to be the definitive forecasts of the future. Rather, they represent a reasonable range of possible futures constrained by long-term assumptions. The outputs and assumptions for many of the scenarios are most relevant in the energy and transportation industries, but may ultimately have read-through impacts on other industries or the broader economy. For example, one of the climate scenarios used by JF is the UN IPR FPS model. This model is based on the expectations that the review of Paris Agreement commitments in 2023 will drive an upward ratchet in regulations by the signatory parties in 2025. This model expects wide and imminent adoption of carbon pricing and bans on coal and ICE in the developing world. It also anticipates peak oil demand by 2026-2028 and estimated average global warming of ~1.65OC. Through this, and other scenario analyses, in addition to other risk and opportunity identification and monitoring efforts, JF believes that its current portfolios would be resilient in a reasonable range of scenarios ranging from current policy implementation to global net zero attainment.

**C3.3**

**(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.**

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	The opportunity to support the transition to a low-carbon economy is considered significant in the medium to long-term. In 2019, we developed an enterprise wide climate strategy and announced the Bank’s five Climate Commitments, including a commitment to mobilize \$100 billion by 2025 to reduce the impacts of climate change. In fiscal 2020, Scotiabank mobilized over \$28 billion toward our commitment. This includes lending, finance and advisory services aligned to our Green and Transition Taxonomy, which covers categories such as renewable energy and green buildings. We recently updated our approach to climate change risk management related to our lending activities. In 2019, we developed a mandatory enhanced due diligence process for assessing the risks our business banking clients may face due to climate change. The Climate Change Risk Assessment (CCRA) process evaluates the physical and transition risks a client may face, and their awareness level of such risks. The CCRA was integrated into the Bank’s Credit Policy Manual and is conducted at the transaction level to help inform credit decisions. Banking officers and credit adjudicators participated in mandatory training on assessing climate-related risk to ensure effective implementation of the CCRA. At the industry-level, commentary and assessment of environmental and climate change risk is a standard part of each annual industry review. The CCRA and climate sector vulnerability methodology are included within industry reviews to assess climate risk drivers and determine their potential materiality. The CCRA process will support data collection to enable the Bank to mitigate and manage risk across sectors, plus stress testing and scenario planning of our loan book. The Bank is developing a methodology for stress testing the business loan portfolio according to internationally recognized climate change scenarios and models. The most substantive decision made in fiscal 2020 was the expansion of the Bank’s Credit Policy Manual and Handbooks to explicitly address climate risk. These documents centralize all Bank-wide credit policies & procedures and provide the rules that must be followed in business banking lending activities. Examples include our Statement on Financing Coal, our list of businesses to avoid, and our Statement on Financing in the Arctic, which are areas that affect Scotiabank’s strategy.
Supply chain and/or value chain	Yes	It is important that Scotiabank’s Suppliers reflect our own core values of respect, integrity, passion, and accountability and that our Suppliers comply with applicable laws. This is important to ensure Scotiabank’s reputation is not compromised or put at-risk by the suppliers we work with. Scotiabank’s Supplier Code of Conduct outlines an obligation for suppliers to conduct their business and operation in an environmentally responsible way. Through the Supplier code, suppliers are encouraged to track and mitigate their greenhouse gas (GHG) emissions and to incorporate climate change risk assessments into their risk management procedures.
Investment in R&D	Yes	The opportunity of investment in R&D has been moderate. One area of focus has been on measurement and reporting of portfolio carbon exposure in asset management. One of the Bank’s primary asset management businesses, 1832 Asset Management, made the strategic decision to leverage data from a third-party data provider and other data sources to produce portfolio-level reporting on carbon emissions data. The portfolio reports are now facilitating discussions and awareness with portfolio managers about the carbon footprint of their portfolios. They have produced draft portfolio reports that detail carbon data and intend to develop an active engagement framework with those reports over the coming 12 months. A small investment is needed to acquire data sets. 1832 continues to invest in data management infrastructure and talent to support and enhance portfolio reporting on carbon exposure. Along with continuing to deepen portfolio manager engagement with the portfolio carbon emissions reporting, resources are being invested to develop TCFD-compliant reporting for stakeholders, along with scenario analysis. 1832 has already made the necessary data investment to support the development of TCFD reporting.
Operations	Yes	Scotiabank’s Climate Commitments guide our approach to climate change. We are committed to decarbonizing our own operations and finding innovative solutions to reduce the Bank’s impact on the climate. We incorporate climate-related physical risks in assessing potential impacts to our operations and continue to build resilience to protect our assets, business and communities where we operate. We have set a target to reduce our Scope 1 and 2 emissions by 25% by 2025 (from 2016). In fiscal 2020, we reduced our greenhouse gas emissions by 20% from a 2016 baseline. A key strategic decision on our path to decarbonization was implementing an internal carbon price (ICP) in 2018. After consultations with external experts and a thorough peer review, we established an ICP of CAD\$15 per tonne of CO2 for our global Scope 1 and 2 emissions. In 2020, we doubled our ICP to \$30 per tonne of CO2e, and it will rise again to \$60 by 2022. This allows us to fairly compare projects that require higher upfront costs (but delivered longer term energy savings), with those that were more cost-effective but short-term solutions. In order to further Scotiabank’s decarbonization efforts in light of factors outside of our own control (such as regional energy mix), Scotiabank developed a strategy and established a target to secure 100% of electricity from non-emitting sources for Canadian operations by 2025 and on a global basis by 2030. In order to achieve this goal in Canada, Scotiabank is actively sourcing in Alberta Solar VPPA. In 2020, Scotiabank’s share of non-emitting electricity on a global basis was 61%. To increase resiliency, we are conducting assessments to better understand the vulnerabilities of our operations to the impacts of climate change. In 2020, we updated our International Master Construction Specifications for hurricane prone areas, which include: Caribbean, Mexico, Costa Rica and Panama. Additionally, Scotiabank is also completing a vulnerability assessment study that examines the entire global portfolio of physical assets by geography, using historical weather/seismic data and estimated future environmental impacts. This will identify locations requiring a more detailed review and/or future mitigation and adaptation strategies. The assessment covers most of our Real Estate assets.

**C3.4**

**(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.**

	Financial planning elements that have been influenced	Description of influence
Row 1	Indirect costs Capital expenditures Capital allocation Assets	<p>Capital allocation: In 2019, we developed an enterprise-wide climate strategy and announced the Bank's five Climate Commitments, including a commitment to mobilize \$100 billion by 2025 to reduce the impacts of climate change. As at October 31 2020, Scotiabank has mobilized over \$28 billion toward our commitment of \$100 billion. This includes lending, finance and advisory services aligned to our Green and Transition Taxonomy, which covers renewable energy, green buildings and clean transportation, among other categories. In addition, Scotiabank recently launched a new Sustainable Finance Group within GBM to help further the Climate Commitments, working closely with Scotiabank partner teams to provide financial solutions and advice across sustainable finance products to corporate, financial, public sector and institutional clients across our global footprint. Capital expenditures: To meet our internal greenhouse gas reduction targets and reduce the risks associated with rising energy costs / demands that will result from a changing climate, we set an internal carbon price in 2018. We implemented an internal carbon price of CAD\$15 per tonne of CO2 from our global Scope 1 and 2 emissions in 2018. In 2020, we have doubled our internal carbon price from \$15 to \$30 per tonne of CO2e, and it will rise again to \$60 by 2022. In fiscal 2020, Scotiabank's internal price on carbon raised nearly CAD\$3.4 million, to be re-invested in a variety of renewable energy and efficiency projects across our footprints. These renewable and energy efficiency projects help us to increase our organizational resilience while simultaneously lowering our greenhouse gas consumption (thereby reducing our operating costs). The internal carbon price serves as internal financial incentive to prioritize projects to support the decarbonization of our operations, going beyond our greenhouse gas reduction target. The carbon price uses the financial planning process to allocate funds for energy efficiency projects on an annual basis. Assets: In addition to the internal carbon price, the Bank's Real Estate group has dedicated resources for identifying and implementing energy reduction initiatives. For example, site-by-site comparisons and monthly consumption audits are conducted to identify consumption anomalies and high-use locations. This information is used to investigate potential payback of retrofits or new projects that would reduce consumption. In fiscal 2020, the Bank undertook a variety of efficiency initiatives that contributed to our overall resource efficiency (such as conducting HVAC upgrades at International branches). In fiscal 2020, the Bank invested \$4,744,000 in energy efficiency and renewable energy installations. These investments lower our carbon footprint, lower operating costs and mitigates the risk of rising energy costs. Indirect costs: As of fiscal 2020, the Bank's Real Estate team has dedicated resources in order ensure we reach our goal of securing 100% of electricity from non-emitting sources for Canadian operations by 2025 and on a global basis by 2030. Achieving this goal will require a combination of reducing energy requirements to operate the bank, sourcing emission-free power where locally available and finally purchase offsets for the remaining.</p>

**C3.4a**

**(C3.4a) Provide any additional information on how climate-related risks and opportunities have influenced your strategy and financial planning (optional).**

Not applicable

**C-FS3.6**

**(C-FS3.6) Are climate-related issues considered in the policy framework of your organization?**

Yes, both of the above

**C-FS3.6a**

**(C-FS3.6a) In which policies are climate-related issues integrated?**

	Type of policy	Portfolio coverage of policy	Description
Bank lending (Bank)	Credit policy Risk policy Other, please specify (Environmental Policy)	All of the portfolio	To safeguard the Bank and its stakeholders against climate-related risks, Scotiabank has several policies approved by the Board and integrated into a multi-disciplinary company-wide risk identification, assessment, and management process. Environmental Risk is a principle risk type and is therefore included in the Bank's Enterprise-Wide Risk Management Framework. Climate change risk is a component of Environmental Risk. The principles that the Bank applies when managing matters arising from environmental considerations, are embedded in a variety of management-level policies, including the Environmental Policy. The Environmental Policy guides initiatives to promote operational efficiency, lending and investing practices, supplier agreements, the management of real estate holdings, and external reporting practices. Climate change risks associated with the Bank's non-retail clients are governed by the Credit Risk Policy and are identified, assessed and managed through the Bank's credit risk and environmental risk due diligence and adjudication processes. Material issues are raised to related risk committees and reported quarterly in the Enterprise Risk Report to the Risk Committee of the Board. In fiscal 2020, the Bank's Credit Policy Manual and Handbooks were expanded to explicitly address climate risk. These documents centralize all Bank-wide credit policies and procedures and provide the rules that must be followed in business banking lending activities.
Investing (Asset manager)	Sustainable/Responsible Investment Policy	All of the portfolio	1832 Asset Management (1832): 1832's Responsible Investment Policy formalizes the incorporation of Environment, Social and Governance (ESG) issues into the investment process and aligns with the Principles for Responsible Investment. The policy defines environmental factors as "issues impacting the natural environment, including climate change, greenhouse gas emissions, resource depletion and water scarcity, waste and pollution, biodiversity and deforestation, among others." The policy covers all portfolios managed by 1832 across all asset classes, sectors and countries in which it invests. Jarislowsky Fraser (JF): JF's Sustainable Investment Policy articulates the firm's approach to ESG integration as part of its bottom-up, fundamental investment process. Sustainable investing is consistent with the firm's overall investment philosophy, as long-term investors in quality businesses, and thus the policy applies to all assets managed by JF. MD Financial Management (MD): MD's Responsible Investment Policy formalizes the incorporation of Environment, Social and Governance (ESG) issues into the investment process and is aligned with the Principles for Responsible Investment. The policy defines environmental factors as "issues impacting the natural environment, including climate change, greenhouse gas emissions, resource depletion and water scarcity, waste and pollution, biodiversity and deforestation, among others." The policy covers all portfolios managed by MD across all asset classes, sectors and countries in which they invest. MD offers their Canadian Physician clients two Fossil Fuel Free Funds as investment opportunities for those clients seeking to reduce their investment carbon footprint.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Please select	Please select	Not applicable

**(C-FS3.6b) Describe your exclusion policies related to industries and/or activities exposed or contributing to climate-related risks.**

Type of exclusion policy	Portfolio	Application	Description
All fossil fuels	Investing (Asset manager)	Existing business/investment for existing projects	1832 Asset Management (1832): 1832 currently has a small number of mandates that specifically exclude fossil fuels in their investment objectives. 1832 does not currently have any formal policies across their mandates related to exclusions. The firm's philosophical view is that engagement with corporate management teams is the preferred approach to driving change and improved company behaviour. Available through Scotiabank's branch network, our Scotia Low Carbon Funds suite was launched in 2020 and is intended for environmentally conscious investors seeking a diversified portfolio of high-quality investments with lower carbon intensity than the broader market. The suite of funds applies a negative screen to heavy carbon emitters.
All fossil fuels	Investing (Asset manager)	Existing business/investment for existing projects	Jarislowsky Fraser (JF): Within its full ESG integration approach, JF also manages investments on behalf of clients with a variety of unique values-based considerations, which can include using exclusionary screens. Included in this is JF's approach to managing its Fossil Fuel Free Strategies, which cover a select portion of the total AUM. The JF Fossil Fuel Free Funds, implemented in 2017, further respond to the emerging needs of investors with a core, actively-managed, quality investment vehicle that incorporates non-financial objectives alongside financial objectives. The JF Fossil Fuel Free Funds feature these additional parameters: 1. Exclusion of the GICs Energy Sector and FTSE Energy corporate group, with the exception of renewable energy entities as defined by JF. 2. The Funds also exclude non-energy corporate group companies that either a) own operating businesses with material proven thermal coal, oil or gas reserves, or b) have a significant amount of value attributable directly to the extraction and production of fossil fuels, or indirectly through transportation, distribution, equipment and services, or with significant exposure to power generation from fossil fuels. Exceptions may be made where a company has a clear strategy to meaningfully increase the percentage of renewables. 3. Active management of the portfolio carbon footprint using proprietary analysis, based on CDP and MSCI data. This includes fundamental analysis and assessment of overall emissions-management strategies and expected direction. 4. Exposure to green bonds with attractive risk/return profiles. Please note that these exclusions only apply to JF's Fossil Fuel Free (FFF) Funds and not its total AUM. As at December 31, 2020 the JF FFF Canadian Equity Fund's weighted average carbon intensity was 74% below its benchmark, the JF FFF Global Equity Fund was 72% below its benchmark, and the JF FFF Bond Fund was 90% below its benchmark.
All fossil fuels	Investing (Asset manager)	Existing business/investment for existing projects	MD Financial Management (MD): MD offers two fossil fuel free mutual funds: MD Fossil Fuel Free Equity Fund and MD Fossil Fuel Free Bond Fund. Both funds seek to avoid investment in companies involved in extracting, transporting and processing of fossil fuels, such as: • companies involved in oil and gas refining, marketing, storage & transportation • oil, gas, coal & consumable fuels producers • energy equipment & energy services companies • companies that have significant involvement in transporting fossil fuels and the fossil fuel transportation infrastructure (includes marine, marine ports and services, railroads and trucking) • any companies in the utilities sector that have significant involvement in the fossil fuel industry
Coal	Bank lending	New business/investment for new projects	Scotiabank does not currently, and will not, finance any standalone projects for thermal coal mining or coal power generation. We will continue to support our existing mining and utility clients who have thermal coal or coal generation assets in their portfolios with their transition to lower carbon emissions. Scotiabank will track and monitor our credit exposure to these sectors as we support our clients in their GHG reduction strategies. This statement is consistent with Scotiabank's previously announced Climate Commitments, and our acknowledgement of the unique role we can play in the transition to a low-carbon, more resilient economy, and accelerating climate solutions through our core business activities.
Oil & gas	Bank lending	New business/investment for existing projects	Scotiabank maintains a list of businesses and sectors to avoid based on their environmental, social and reputational risks and impacts. In late 2020, the Bank updated this list to include oil and gas developments in the Arctic Circle, including the Arctic National Wildlife Refuge. This new policy was driven by concerns about protecting sensitive ecosystems, as well as the livelihoods and traditions of Indigenous communities. We updated our Bank-wide credit policies to restrict direct financing or project-specific finance and advisory of activities related to the exploration, development and production of oil and gas within the Arctic Circle.

C-FS3.7

**(C-FS3.7) Are climate-related issues factored into your external asset manager selection process?**

Yes, for some assets managed externally

C-FS3.7a

**(C-FS3.7a) How are climate-related issues factored into your external asset manager selection process?**

	Process for factoring climate-related issues into external asset manager selection	Comment
Row 1	Review asset manager's climate-related policies	1832 Asset Management (1832): As part of the due diligence and assessment of sub-advisors, 1832 reviews the ESG policies of investment managers, including climate-related policies. Jarislowsky Fraser (JF): As part of the due diligence and assessment of sub-advisors, JF reviews the ESG policies of investment managers, including climate-related policies. MD Financial Management (MD): As part of MD's Fund oversight and Investment Management process, on an annual basis, MD collects and reviews the sustainability investment approach of all appointed Fund Advisors. These sustainability investment approaches may include assessment information on climate-related risks and opportunities.

C4. Targets and performance

C4.1

**(C4.1) Did you have an emissions target that was active in the reporting year?**

Absolute target

C4.1a

**(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.**

**Target reference number**

Abs 1

**Year target was set**

2020

**Target coverage**

Company-wide

**Scope(s) (or Scope 3 category)**

Scope 1+2 (location-based)

**Base year**

2016

**Covered emissions in base year (metric tons CO2e)**

138753

**Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category)**

100

**Target year**

2025

**Targeted reduction from base year (%)**

25

**Covered emissions in target year (metric tons CO2e) [auto-calculated]**

104064.75

**Covered emissions in reporting year (metric tons CO2e)**

111065

**% of target achieved [auto-calculated]**

79.8195354334681

**Target status in reporting year**

Underway

**Is this a science-based target?**

No, and we do not anticipate setting one in the next 2 years

**Target ambition**

<Not Applicable>

**Please explain (including target coverage)**

The Bank's target is on Scope 1 and 2 Global emissions. The base year reflects the Bank's 2016 fiscal year end (November 1, 2015 - October 31, 2016). In fiscal 2019, the Bank surpassed its initial target of 10% decrease in Scope 1 and 2 GHG emissions by 2021. In 2019, the Bank set a new target of reducing its global absolute Scope 1 and 2 emissions by 25% by 2025.

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## C4.2

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**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**

Target(s) to increase low-carbon energy consumption or production

Other climate-related target(s)

## C4.2a

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**(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.**

**Target reference number**

Low 1

**Year target was set**

2020

**Target coverage**

Company-wide

**Target type: absolute or intensity**

Absolute

**Target type: energy carrier**

Electricity

**Target type: activity**

Consumption

**Target type: energy source**

Low-carbon energy source(s)

**Metric (target numerator if reporting an intensity target)**

Percentage

**Target denominator (intensity targets only)**

<Not Applicable>

**Base year**

2020

**Figure or percentage in base year**

61

**Target year**

2030

**Figure or percentage in target year**

100

**Figure or percentage in reporting year**

61

**% of target achieved [auto-calculated]**

0

**Target status in reporting year**

New

**Is this target part of an emissions target?**

Yes - The Bank aims to reduce its global absolute Scope 1 and 2 emissions by 25% by 2025. Securing electricity from non-emitting sources is an important component of our emissions reduction strategy.

**Is this target part of an overarching initiative?**

No, it's not part of an overarching initiative

**Please explain (including target coverage)**

In 2020, Scotiabank established a target to secure 100% of electricity on a global basis from non-emitting sources by 2030, with an interim 2025 target of 100% for Canadian operations.

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**Target reference number**

Low 2

**Year target was set**

2020

**Target coverage**

Country/region

**Target type: absolute or intensity**

Absolute

**Target type: energy carrier**

Electricity

**Target type: activity**

Consumption

**Target type: energy source**

Low-carbon energy source(s)

**Metric (target numerator if reporting an intensity target)**

Percentage

**Target denominator (intensity targets only)**

<Not Applicable>

**Base year**

2020

**Figure or percentage in base year**

82

**Target year**

2025

**Figure or percentage in target year**

100

**Figure or percentage in reporting year**

82

**% of target achieved [auto-calculated]**

0

**Target status in reporting year**

New

**Is this target part of an emissions target?**

Yes - The Bank aims to reduce its global absolute Scope 1 and 2 emissions by 25% by 2025. Securing electricity from non-emitting sources is an important component of our emissions reduction strategy.

**Is this target part of an overarching initiative?**

No, it's not part of an overarching initiative



**Please explain (including target coverage)**

In 2020, Scotiabank established a target to secure 100% of electricity on a global basis from non-emitting sources by 2030, with an interim 2025 target of 100% for Canadian operations. To facilitate progress on this target, Scotiabank is currently actively sourcing in Alberta Solar VPPA.

C4.2b

**(C4.2b) Provide details of any other climate-related targets, including methane reduction targets.**

**Target reference number**

Oth 1

**Year target was set**

2019

**Target coverage**

Company-wide

**Target type: absolute or intensity**

Absolute

**Target type: category & Metric (target numerator if reporting an intensity target)**

Green finance	Other, please specify (Capital mobilized to reduce the impacts of climate change)
---------------	---

**Target denominator (intensity targets only)**

<Not Applicable>

**Base year**

2018

**Figure or percentage in base year**

0

**Target year**

2025

**Figure or percentage in target year**

100000000000

**Figure or percentage in reporting year**

28000000000

**% of target achieved [auto-calculated]**

28

**Target status in reporting year**

Underway

**Is this target part of an emissions target?**

No

**Is this target part of an overarching initiative?**

No, it's not part of an overarching initiative

**Please explain (including target coverage)**

In 2019, Scotiabank announced a sustainable finance target. With the launch of the Scotiabank Climate Commitments, we committed to mobilize CAD\$100 billion to reduce the impacts of climate change. This commitment includes lending, investing, financing and advisory, as well as investments in the Bank's direct operations and communities where it operates to reduce the impacts of climate change. Initiatives underlying this commitment align to Scotiabank's Green and Transition Taxonomy including renewable energy, energy efficiency, emissions reduction, green buildings, sustainable transportation, infrastructure resilience, biodiversity conservation, pollution prevention and control, waste management and/or sustainable water and land use. To support this goal, we will continue our work across all business lines to grow markets for low-carbon and climate-resilient solutions and direct funding towards supporting the goals of the Paris Agreement. We will also continue to innovate and develop new products and services to support clients in the transition to a low-carbon future.

**Target reference number**

Oth 2

**Year target was set**

2018

**Target coverage**

Company-wide

**Target type: absolute or intensity**

Absolute

**Target type: category & Metric (target numerator if reporting an intensity target)**

Other, please specify	Other, please specify (Internal carbon price)
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**Target denominator (intensity targets only)**

<Not Applicable>

**Base year**

2018

Figure or percentage in base year

15

Target year

2022

Figure or percentage in target year

60

Figure or percentage in reporting year

30

% of target achieved [auto-calculated]

33.33333333333333

Target status in reporting year

Underway

Is this target part of an emissions target?

No

Is this target part of an overarching initiative?

No, it's not part of an overarching initiative

Please explain (including target coverage)

We implemented an internal carbon price in 2018. After consultations with external experts and a thorough peer review, we established an internal tax of CAD\$15 per tonne of CO2 for our global Scope 1 and 2 emissions. The price is applied to CO2e emissions, to create an internal pool of funding that will then be used to fund energy efficiency and GHG emissions reduction initiatives for the Bank . In 2020, we increased our internal carbon price from \$15 to \$30 per tonne of CO2e, and by 2022 it will rise to \$60 per tonne.

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	0	0
To be implemented*	0	0
Implementation commenced*	1	7098
Implemented*	3	2971
Not to be implemented	0	0

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Initiative category & Initiative type

Energy efficiency in buildings	Heating, Ventilation and Air Conditioning (HVAC)
--------------------------------	--

Estimated annual CO2e savings (metric tonnes CO2e)

2143

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

1318000

Investment required (unit currency – as specified in C0.4)

2628000

Payback period

11-15 years

Estimated lifetime of the initiative

16-20 years

**Comment**

We are also proactively upgrading to HVAC units at our international locations. The new HVAC systems are more energy efficient and will lower costs associated with energy consumption.

**Initiative category & Initiative type**

Low-carbon energy generation	Solar PV
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**Estimated annual CO2e savings (metric tonnes CO2e)**

426

**Scope(s)**

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

389000

**Investment required (unit currency – as specified in C0.4)**

1191000

**Payback period**

1-3 years

**Estimated lifetime of the initiative**

21-30 years

**Comment**

In fiscal 2020, the Bank installed solar panels in the Dominican Republic and Jamaica to generate low-carbon, supplemental electricity.

**Initiative category & Initiative type**

Energy efficiency in buildings	Lighting
--------------------------------	----------

**Estimated annual CO2e savings (metric tonnes CO2e)**

402

**Scope(s)**

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

125000

**Investment required (unit currency – as specified in C0.4)**

925000

**Payback period**

4-10 years

**Estimated lifetime of the initiative**

11-15 years

**Comment**

In fiscal 2020, the Bank implemented lighting retrofit projects in Peru to reduce electricity consumptions and peak demand.

**C4.3c****(C4.3c) What methods do you use to drive investment in emissions reduction activities?**

Method	Comment
Compliance with regulatory requirements/standards	The Bank complies or exceeds the energy efficiency requirements as required by the Canadian building code. In addition, the Bank maintains the highest standards in buildings in international locations by following all local building codes and regulations, and by implementing global environmental best practices where feasible.
Dedicated budget for energy efficiency	Bank branches are budgeted to include environmentally friendly materials and equipment to reduce energy consumption. Emission reduction programs, such as Branch Energy Reviews (in Canada) and large-scale environmental projects, have a dedicated annual budget or access to available funds. In addition, the Bank has a dedicated budget for green building certification (for example, LEED and Green Globes in Canada), third party emission verification and resources for carbon disclosure.
Internal price on carbon	We implemented an internal carbon price in 2018. After consultations with external experts and a thorough peer review, we established an internal tax of CAD\$15 per tonne of CO2 for our global Scope 1 and 2 emissions. The price is applied to CO2e emissions, to create an internal pool of funding that will then be used to fund energy efficiency and GHG emissions reduction initiatives for the Bank. We have increased our internal carbon price in 2020 from \$15 to \$30 per tonne of CO2e, and it will rise to \$60 by 2022.

**C4.5**

**(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?**

Yes

**C4.5a**

**(C4.5a) Provide details of your products and/or services that you classify as low-carbon products or that enable a third party to avoid GHG emissions.**

**Level of aggregation**

Company-wide

**Description of product/Group of products**

Scotiabank Green Bond: Scotiabank issued a USD\$500 million 3.5-year Green Bond in 2019. The proceeds of Scotiabank's Green Bond were used to finance or refinance green building and clean transportation projects in alignment with Scotiabank's Green Bond Framework. Scotiabank's Green Bond Framework is prepared in line with the ICMA Green Bond Principles 2018, with the following four core components: 1. Use of Proceeds 2. Process for Project Evaluation and Selection 3. Management of Proceeds 4. Reporting. Scotiabank's Green Bond Framework allows the bank to issue Green Bonds under different formats, including public or private placements.

**Are these low-carbon product(s) or do they enable avoided emissions?**

Low-carbon product and avoided emissions

**Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions**

Other, please specify (Scotiabank's Green Bond Framework)

**% revenue from low carbon product(s) in the reporting year**

0

**% of total portfolio value**

**Asset classes/ product types**

Bank lending	Corporate Loans
--------------	-----------------

**Comment**

In fiscal 2020, we published our first Green Bond Report, detailing how net proceeds have supported projects in accordance with our Green Bond Framework, for example green building and clean transportation projects.

**C5. Emissions methodology**

**C5.1**

**(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).**

**Scope 1**

**Base year start**

November 1 2015

**Base year end**

October 31 2016

**Base year emissions (metric tons CO2e)**

13700

**Comment**

**Scope 2 (location-based)**

**Base year start**

November 1 2015

**Base year end**

October 31 2016

**Base year emissions (metric tons CO2e)**

125053

**Comment**

**Scope 2 (market-based)**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**C5.2**

(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

ISO 14064-1

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

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## C6. Emissions data

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### C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

**Reporting year**

**Gross global Scope 1 emissions (metric tons CO2e)**

12783

**Start date**

November 1 2019

**End date**

October 31 2020

**Comment**

**Past year 1**

**Gross global Scope 1 emissions (metric tons CO2e)**

15221

**Start date**

November 1 2018

**End date**

October 31 2019

**Comment**

**Past year 2**

**Gross global Scope 1 emissions (metric tons CO2e)**

15729

**Start date**

November 1 2017

**End date**

October 31 2018

**Comment**

**Past year 3**

**Gross global Scope 1 emissions (metric tons CO2e)**

15527

**Start date**

October 31 2016

**End date**

October 31 2017

**Comment**

---

### C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

**Row 1**

**Scope 2, location-based**

We are reporting a Scope 2, location-based figure

**Scope 2, market-based**

We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure

**Comment**

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### C6.3

**(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?**

**Reporting year**

**Scope 2, location-based**

98282

**Scope 2, market-based (if applicable)**

<Not Applicable>

**Start date**

November 1 2019

**End date**

October 31 2020

**Comment**

**Past year 1**

**Scope 2, location-based**

99393

**Scope 2, market-based (if applicable)**

<Not Applicable>

**Start date**

November 1 2018

**End date**

October 31 2019

**Comment**

**Past year 2**

**Scope 2, location-based**

111990

**Scope 2, market-based (if applicable)**

<Not Applicable>

**Start date**

November 1 2017

**End date**

October 31 2018

**Comment**

**Past year 3**

**Scope 2, location-based**

114183

**Scope 2, market-based (if applicable)**

<Not Applicable>

**Start date**

November 1 2016

**End date**

October 31 2017

**Comment**

**C6.4**

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**(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?**

No

**C6.5**

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**(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

## **Purchased goods and services**

### **Evaluation status**

Not relevant, explanation provided

### **Metric tonnes CO2e**

<Not Applicable>

### **Emissions calculation methodology**

<Not Applicable>

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

### **Please explain**

Based on a preliminary assessment using the Quantis Scope 3 Evaluator tool, purchased goods and services only represent a small portion (1-2%) of our total Scope 3 emissions. As a financial institution, more than 60% of our supplier spend is related to services with relatively low emissions impact such as information & technology, human resources, marketing, professional and corporate services (see 2020 ESG Report, p.56; emissions related to Banking Operations and Real Estate are captured in Scope 1 and Scope 2 emissions). In addition, with that considered, this category of Scope 3 emissions does not significantly contribute to our climate risk exposure.

## **Capital goods**

### **Evaluation status**

Not relevant, explanation provided

### **Metric tonnes CO2e**

<Not Applicable>

### **Emissions calculation methodology**

<Not Applicable>

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

### **Please explain**

The Bank's suite of products and services does not involve capital goods. As per our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to capital goods.

## **Fuel-and-energy-related activities (not included in Scope 1 or 2)**

### **Evaluation status**

Not relevant, explanation provided

### **Metric tonnes CO2e**

<Not Applicable>

### **Emissions calculation methodology**

<Not Applicable>

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

### **Please explain**

Based on a preliminary assessment using the Quantis Scope 3 Evaluator tool, emissions from fuel and energy-related activities not included in Scope 1 and 2 represent a negligible portion (less than 1%) of our total Scope 3 emissions. Approximately 60% of the Bank's total energy consumption globally comes from renewable and nuclear sources, which reduces the upstream emissions of purchased electricity.

## **Upstream transportation and distribution**

### **Evaluation status**

Not relevant, explanation provided

### **Metric tonnes CO2e**

<Not Applicable>

### **Emissions calculation methodology**

<Not Applicable>

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

### **Please explain**

The Bank's suite of products and services do not involve transportation and distribution activities (i.e inbound or outbound logistics) from our suppliers or third-party transportation and distribution services. As per our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to upstream transportation and distribution.

## Waste generated in operations

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO<sub>2</sub>e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

As a financial institution, due to the nature of our operations, emissions from waste do not represent a significant portion of our total Scope 3 emissions. Paper likely represents the single largest source of generated waste across our operations, to which a significant portion is shredded and recycled. Based on a preliminary assessment using the Quantis Scope 3 Evaluator tool, the estimated emissions from waste represents a negligible portion (less than 1%) of our total Scope 3 emissions.

## Business travel

### Evaluation status

Relevant, calculated

### Metric tonnes CO<sub>2</sub>e

7193

### Emissions calculation methodology

DEFRA, 2020 Dataset, Produced by AEA for the Department of Energy and Climate Change (DECC) and the Department for Environment, Food and Rural Affairs (Defra) Air travel will be classed as Scope 3 emissions, unless an aircraft is owned or leased by an organization and used by employees to travel on business. If the aircraft is owned or leased then the scope of emissions will depend on how the asset and emissions have been accounted for. The conversion factor for air travel will be influenced by: • The type of flight, whether it is a domestic, short haul or long haul; • The cabin class of the flight, whether it is economy, premium economy, business class or in first class; • The application of the flight distance uplift factor; and • The application of the radiative forcing uplift factor.

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

### Please explain

Based on a preliminary assessment using the Quantis Scope 3 Evaluator tool, emissions from business travel represent a negligible portion (less than 1%) of our total Scope 3 emissions. However, as a Bank with an international footprint, business travel is often essential for the day-to-day operations of the company and there may be opportunities for emissions reductions. For this reason, these emissions were calculated (global coverage) and verified by an independent verifier (see 2020 ESG Report, p.11-13, and our 2020 GHG Verification Statement).

## Employee commuting

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO<sub>2</sub>e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

Based on a preliminary assessment using the Quantis Scope 3 Evaluator tool, emissions from employee commuting represent a negligible portion (less than 1%) of our total Scope 3 emissions and are therefore not relevant.

## Upstream leased assets

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO<sub>2</sub>e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

Emissions from all of the Bank's upstream leased assets (for example, emissions from facilities that the Bank leases and occupies) have been accounted for under Scope 1 and 2. As a result, there are virtually no Scope 3 emissions from any other leased asset (also confirmed from the preliminary assessment using Quantis Scope 3 Evaluator tool).



## Downstream transportation and distribution

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO2e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

The Bank's suite of products and services do not involve transportation and distribution activities (i.e inbound or outbound logistics) with our suppliers or third-party transportation and distribution services. As per our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to downstream transportation and distribution.

## Processing of sold products

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO2e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

Due to the nature of services provided in the financial services sector, Scotiabank does not produce products that are come from intermediate products or require processing. As per our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to the processing of sold products.

## Use of sold products

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO2e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

Due to the nature of services provided in the financial services sector, Scotiabank does not produce products with significant emissions impact during use. There may be indirect emissions from data centers / servers related to online banking products, however, as per our preliminary assessment using the Quantis Scope 3 Evaluator tool, these emissions are negligible and insignificant in comparison to other categories.

## End of life treatment of sold products

### Evaluation status

Not relevant, explanation provided

### Metric tonnes CO2e

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

### Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

### Please explain

Due to the nature of services provided in the financial services sector, Scotiabank does not produce or sell products that are consumed or produce waste on behalf of the end user. As per our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to the end of life treatment of sold products.

**Downstream leased assets**

**Evaluation status**

Not relevant, explanation provided

**Metric tonnes CO2e**

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

**Please explain**

All downstream leased assets are accounted for under Scope 1 and 2. As such, based on our preliminary assessment using the Quantis Scope 3 Evaluator tool, there are virtually no Scope 3 emissions related to downstream leased assets.

**Franchises**

**Evaluation status**

Not relevant, explanation provided

**Metric tonnes CO2e**

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

**Please explain**

Scotiabank does not franchise, thus there are no relevant Scope 3 emissions for this category (confirmed by our preliminary assessment using the Quantis Scope 3 Evaluator tool).

**Other (upstream)**

**Evaluation status**

Please select

**Metric tonnes CO2e**

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

**Please explain**

Not applicable

**Other (downstream)**

**Evaluation status**

Please select

**Metric tonnes CO2e**

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

<Not Applicable>

**Please explain**

Not applicable

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C6.10

**(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

**Intensity figure**

0.000003544

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**

111065

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

31336000000

**Scope 2 figure used**

Location-based

**% change from previous year**

4.03

**Direction of change**

Decreased

**Reason for change**

Fiscal 2020 revenue is CAD\$31,336,000,000 representing an 1% increase over Fiscal 2019 (\$31,034,000,000). In 2020, Scope 1 & 2 emissions are 111,065 tonnes of CO2e which has decreased relative to CDP reported 2019 figures (114,614 tonnes of CO2e). The intensity figure for 2020 is calculated as 111,065/31.336 billion = 0.000003544 tCO2e/\$CAD, compared to 0.000003693 CO2e/\$CAD in 2019). The rise in the Bank's revenue increased the denominator, and implementation of energy efficiency projects (such as HVAC replacement by annual reduction of 2,143 tonnes of CO2e, lighting retrofits by annual reduction of 402 tonnes of CO2e and solar panel installations by annual reduction of 426 tonnes of CO2e) decreased the numerator. This resulted in a net decrease in intensity of 4.03% Importantly, lower emission energy sources in some of the countries where we operate also reduced our carbon emissions and contributed to the decline in the intensity figure.

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**Intensity figure**

1.21

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**

111065

**Metric denominator**

full time equivalent (FTE) employee

**Metric denominator: Unit total**

92001

**Scope 2 figure used**

Location-based

**% change from previous year**

7.08

**Direction of change**

Increased

**Reason for change**

In fiscal 2020, Scotiabank had 92,001 FTE employees (down from 101,813 FTE employees in fiscal 2019). In 2020, Scope 1 & 2 emissions are 111,065 tCO2e which have decreased relative to fiscal 2019 figures (114,614 tonnes of CO2e). The intensity figure is calculated as 111,065/92,001 = 1.21 tCO2e/FTE, compared with 1.13 tonnes of CO2e/FTE in 2019. The decrease in the Bank's FTE employees decreased the denominator, and implementation of energy efficiency projects (as HVAC replacement by annual reduction of 2,143 tonnes of CO2e, lighting retrofits by annual reduction of 402 tonnes of CO2e and solar panel installations by annual reduction of 426 tonnes of CO2e) decreased the numerator. This resulted in a net increase in intensity/employee of 7.08%. Importantly, lower emission energy sources in some of the countries where we operate also reduced our carbon emissions and contributed to the decline in the intensity figure.

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## C7. Emissions breakdowns

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### C7.9

**(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Decreased

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### C7.9a

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**(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.**

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	0	No change	0	We did not have any changes to our renewable energy generation in 2020 but we invested in a number of energy projects that will supply us with renewable energy in the future.
Other emissions reduction activities	2971	Decreased	2.6	In fiscal 2020 (Nov. 1, 2019- Oct. 31, 2020), branch HVAC replacements, solar panel installations, and a number of smaller efficiency projects, combined to resulting savings of 2,971 tonnes of CO2e. In 2020 a total of 2,971 tonnes of CO2e were reduced as a result of emissions reduction projects. Scope 1 and Scope 2 emissions reported to CDP in the previous year fiscal 2019 (Nov. 1, 2018 - Oct. 31, 2019) totalled 114,614 tonnes of CO2e. Therefore the 2.6% decrease was determined by the following calculation: (2,971/ 114,614) *100.
Divestment		<Not Applicable >		
Acquisitions		<Not Applicable >		
Mergers		<Not Applicable >		
Change in output		<Not Applicable >		
Change in methodology	294	Decreased	0.3	In fiscal 2020, Canadian provincial electricity emissions factors were updated to Canada's 2020 UNFCCC Submission – Annex 13. Overall cleaner generation in some provinces contributed to an overall decrease in Canadian Scope 2 emissions of 294 tonnes of CO2e. Scope 1 and Scope 2 emissions reported to CDP in the previous year fiscal 2019 totalled 114,614 tonnes of CO2e. Therefore the 0.3% decrease was determined by the following calculation: (294 /114,614) *100.
Change in boundary		<Not Applicable >		
Change in physical operating conditions		<Not Applicable >		
Unidentified		<Not Applicable >		
Other	284	Decreased	0.2	In fiscal 2020 (Nov. 1, 2019- Oct. 31, 2020), 284 tonnes of CO2e were reduced by weather, COVID related and other factors. Scope 1 and Scope 2 emissions reported to CDP in the previous year fiscal 2019 totalled 114,614 tonnes of CO2e. Therefore the 0.2% decrease was determined by the following calculation: (284 /114,614) *100.

**C7.9b**

**(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Location-based

**C8. Energy**

**C8.1**

**(C8.1) What percentage of your total operational spend in the reporting year was on energy?**

More than 0% but less than or equal to 5%

**C8.2**

**(C8.2) Select which energy-related activities your organization has undertaken.**

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	Yes
Consumption of purchased or acquired steam	Yes
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

**C8.2a**

**(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.**

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	Unable to confirm heating value	0	67781	67781
Consumption of purchased or acquired electricity	<Not Applicable>	158450	230980	389430
Consumption of purchased or acquired heat	<Not Applicable>	0	45612	45612
Consumption of purchased or acquired steam	<Not Applicable>	0	10774	10774
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	8.45	<Not Applicable>	8.45
Total energy consumption	<Not Applicable>	158458	355147	513605

**C9. Additional metrics**

**C9.1**

**(C9.1) Provide any additional climate-related metrics relevant to your business.**

**C10. Verification**

**C10.1**

**(C10.1) Indicate the verification/assurance status that applies to your reported emissions.**

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	Third-party verification or assurance process in place

**C10.1a**

**(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.**

**Verification or assurance cycle in place**

Annual process

**Status in the current reporting year**

Complete

**Type of verification or assurance**

Reasonable assurance

**Attach the statement**

Scotiabank-Verification-Statement-FY2020\_ENGLISH.pdf

**Page/ section reference**

All, 1.4% limited assurance

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

**C10.1b**

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

**Scope 2 approach**

Scope 2 location-based

**Verification or assurance cycle in place**

Annual process

**Status in the current reporting year**

Complete

**Type of verification or assurance**

Limited assurance

**Attach the statement**

Scotiabank-Verification-Statement-FY2020\_ENGLISH.pdf

**Page/ section reference**

All, 36% reasonable assurance

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

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### C10.1c

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(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

**Scope 3 category**

Scope 3: Business travel

**Verification or assurance cycle in place**

Annual process

**Status in the current reporting year**

Complete

**Type of verification or assurance**

Reasonable assurance

**Attach the statement**

Scotiabank-Verification-Statement-FY2020\_ENGLISH.pdf

**Page/section reference**

All

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

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### C10.2

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(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

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

### C11. Carbon pricing

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#### C11.2

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(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

No

#### C11.3

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(C11.3) Does your organization use an internal price on carbon?

Yes

## C11.3a

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### (C11.3a) Provide details of how your organization uses an internal price on carbon.

#### Objective for implementing an internal carbon price

Stakeholder expectations  
Change internal behavior  
Drive energy efficiency  
Identify and seize low-carbon opportunities

#### GHG Scope

Scope 1  
Scope 2

#### Application

The price is applied company-wide, at C\$30 per tonne of CO<sub>2</sub>. The price is applied to CO<sub>2</sub>e emissions, to create an internal pool of funding that will then be used to fund energy efficiency and GHG emissions reduction initiatives for the Bank (for example: HVAC replacement and lighting retrofits). In 2020, we increased our internal price on carbon from C\$15 per tonne of CO<sub>2</sub> to C\$30 per tonne of CO<sub>2</sub>, and it will increase again to C\$60 per tonne of CO<sub>2</sub> in 2022. In fiscal 2020, we achieved a 20% reduction in operational greenhouse gas emissions from 2016 levels.

#### Actual price(s) used (Currency /metric ton)

30

#### Variance of price(s) used

Uniform pricing, applied company-wide, regardless of geography. It is also an evolutionary price, that may change or develop over time.

#### Type of internal carbon price

Internal fee

#### Impact & implication

In July 2016, Scotiabank joined the Carbon Price Leadership Coalition (CPLC), a World Bank initiative focused on promoting carbon pricing among corporate organizations and developing carbon pricing policies through public-private sector dialogue. To demonstrate our commitment, in 2017 we established a cross-functional team to develop an internal carbon price and strategy. We have implemented our internal carbon price of CAD\$15/tonne in 2018. In 2020, our internal carbon price doubled to CAD\$30 / tonne, and it will increase to C\$60 per tonne of CO<sub>2</sub> in 2022. In this way, we will advance our emissions reduction efforts by generating a pool of funding for the Bank's carbon reduction and energy efficiency projects (for example HVAC replacement and lighting retrofits). In fiscal year 2020, implementing air-conditioning (HVAC) retrofits in our international locations, we could save \$1,318,000 and reduce our emissions by 2,143 tonnes of CO<sub>2</sub>e annually. In fiscal 2020, Scotiabank's internal price on carbon resulted in nearly CAD\$3.4 million re-invested in a variety of renewable energy and efficiency projects across our footprint.

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## C12. Engagement

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### C12.1

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#### (C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers  
Yes, our customers  
Yes, our investee companies  
Yes, other partners in the value chain

### C12.1a

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**(C12.1a) Provide details of your climate-related supplier engagement strategy.**

**Type of engagement**

Compliance & onboarding

**Details of engagement**

Code of conduct featuring climate change KPIs

**% of suppliers by number**

41

**% total procurement spend (direct and indirect)**

**% of supplier-related Scope 3 emissions as reported in C6.5**

0

**Rationale for the coverage of your engagement**

All of Scotiabank's suppliers must uphold the principles set out in the Bank's Supplier Code of Conduct (Supplier Code), including environmental policies that are set out in contractual agreements as appropriate. Our Supplier Code sets expectations for all current and prospective suppliers related to ethical and responsible business conduct, human rights and environmental stewardship. ESG issues and risks are integrated into our procurement and third-party risk management processes. The % of suppliers by number represent the new and existing suppliers who participate in a formal request for proposal that have the "corporate social responsibility" schedule included in the contract. For supplier engagement we have moved to a category focus, and within each category, suppliers are prioritized based on size of contract, impact to the business/business continuity, and risk to the business/type of service provided, for example - these suppliers are engaged with as its felt, based on the criteria listed above, this is where the biggest area of impact lies. Additionally, we are implementing a third-party management program for our top tier suppliers. ESG-themed questions are included in strategic sourcing processes, including for example, asking suppliers to provide information on their environmental management system, if any, and if they track their own energy and GHG emissions. The responses are weighted and considered when reviewing the proposals.

**Impact of engagement, including measures of success**

We have thousands of suppliers globally. All suppliers must adhere to our Supplier Code of Conduct. We cannot currently measure % of suppliers, however, we are actively seeking acknowledgement from the Bank's enterprise wide top tier and preapproved suppliers. As well, all suppliers who enter an RFP with Scotiabank must acknowledge the Supplier Code of Conduct requirements and are bound to comply by the Master Service Agreements they sign. We are in the process of ensuring additional ESG screening criteria for all suppliers. All suppliers must adhere to our Supplier Code of Conduct, but we are still in the process of ensuring additional ESG screening criteria for all suppliers. While we do not currently have environmental impact KPIs with suppliers, we are currently enhancing the supplier information we have in order to establish benchmarks and measure certain environmental/social KPIs, including those related to climate change.

**Comment**

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**C12.1b**

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**(C12.1b) Give details of your climate-related engagement strategy with your customers.**

**Type of engagement**

Education/information sharing

**Details of engagement**

Run an engagement campaign to education customers about your climate change performance and strategy

**% of customers by number**

100

**% of customer - related Scope 3 emissions as reported in C6.5**

0

**Portfolio coverage (total or outstanding)**

Unknown

**Please explain the rationale for selecting this group of customers and scope of engagement**

At Scotiabank, we are guided by our purpose, for every future. We know that the long-term success of our Bank is fundamentally intertwined with the futures of those around us. For this reason, we aim to make a measurable and lasting impact in the communities in which we live and work. Ensuring transparency in our reporting is a key component of our climate change strategy. Scotiabank's annual 2020 Environment, Social and Governance (ESG) Report shares our performance and achievements related to ESG factors, including on our Climate Commitments, and outlines how Scotiabank engages with its stakeholders. Customers, and the general public which includes prospective customers, are an important stakeholder group to build trust with through transparency and reporting. It is important for the Bank to engage with its customers because we play a unique role in transitioning to a low-carbon, more resilient economy by accelerating climate solutions through our core business activities and enabling our customers, employees and communities to thrive. The Report focuses on core themes that Scotiabank and its stakeholders consider to be most important to the Bank, providing highlights of our progress our ESG priorities. This report is publicly available to all customers, as well as other stakeholders, so they may see the progress we have made on our priorities. Specifically, regarding climate-related issues, the report details our initiatives and performance on our Sustainable Financing and Climate Change priorities, with further information on emissions in the GRI Index. Our comprehensive reporting helps us to build and maintain trust with our customers and other stakeholders, as they can see how we strive to enhance customer protection, lend fairly, balance stakeholder interest and operate with integrity.

[https://www.scotiabank.com/content/dam/scotiabank/canada/en/documents/about/Scotiabank\\_2020\\_ESG\\_Report\\_Final.pdf](https://www.scotiabank.com/content/dam/scotiabank/canada/en/documents/about/Scotiabank_2020_ESG_Report_Final.pdf)

**Impact of engagement, including measures of success**

This report is available to all customers, as well as to the general public so that they may see our progress on our ESG commitments. The impact of reporting publicly and being transparent is enhanced trust. This is an annual report to inform our stakeholders on our progress, our measures of success in engagement are seen in our year-on-year progress in achieving our KPIs and improving other metrics, as seen on pages 10-11 in the section 'Our Progress'. Scotiabank uses two KPIs to track engagement with our ESG Report: the number of downloads and our brand sentiment score around the time our ESG Report is published. The score is based on analysis of publicly available data from a wide range of Canada and Key Global Financial media sources, and using a blend of technology and analyst expertise to score it.

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**Type of engagement**

Information collection (understanding customer behavior)

**Details of engagement**

Collect climate change and carbon information from new customers as part of initial due diligence

**% of customers by number**

100

**% of customer - related Scope 3 emissions as reported in C6.5**

0

**Portfolio coverage (total or outstanding)**

All of the portfolio

**Please explain the rationale for selecting this group of customers and scope of engagement**

In 2019, climate change was formally integrated into the normal due diligence process for all business banking clients. The Climate Change Risk Assessment (CCRA) process evaluates both the physical (acute and chronic) and transition (reputational, market, technology, legal and compliance) risks a client may face, and their awareness level of such risks. This response is in reference to Scotiabank's business banking customer base.

**Impact of engagement, including measures of success**

The CCRA is conducted at the transaction level and helps to inform credit decisions. Banking officers and credit adjudicators participate in mandatory training on assessing climate-related risk to ensure effective implementation of the CCRA. In 2020, A module on climate change risk was delivered in the annual mandatory environmental risk training for all banking officers and credit adjudicators.

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**C-FS12.1c**

**(C-FS12.1c) Give details of your climate-related engagement strategy with your investee companies.**

**Type of engagement**

Engagement & incentivization (changing investee behavior)

**Details of engagement**

Exercise active ownership

**% of investees by number**

10

**% Scope 3 emissions as reported in C-FS14.1a/C-FS14.1b**

**Portfolio coverage**

Majority of the portfolio

**Rationale for the coverage of your engagement**

Portfolio coverage is based on the combined assets under management of Jarislowsky Fraser (JF). JF will actively engage with management teams, and in some cases the Boards of Directors, on matters related to climate risks and opportunities to the extent that these issues are material. This includes discussions around emissions management strategies, carbon pricing, and business resiliency. JF also leverages CDP Scores for its proprietary portfolio-level Environment, Social and Governance (ESG) heatmap, and flags companies that do not disclose to CDP for potential engagement. Additionally, the investment team at JF advocates for CDP-equivalent disclosure and progress towards TCFD-aligned reporting, while constructively engaging with outliers to implement best practices. JF also leverages CDP Scores for its proprietary portfolio-level Environment, Social and Governance (ESG) heatmap, and flags companies that do not disclose to CDP for potential engagement. In addition to JF, 1832 Asset Management and MD Financial Management (MD) each asset manager exercises active ownership according to their respective methods. Approximately 100% of 1832's AUM is represented by an active ownership approach that directly engages on all factors that will materially impact security value, including climate related factors where relevant. As part of the fundamental engagement with corporate management teams, 1832 discusses their exposure to carbon emissions and their strategies to manage evolving regulatory aspects of climate change. MD actively engages with investees, either directly or indirectly, on identified climate change issues and opportunities for improvement. In addition, as part of MD's Fund oversight and Investment Management process, on an annual basis, MD collects and reviews the sustainability investment approach of all appointed Fund Advisors. These sustainability investment approaches may include information on assessing climate-related risks and opportunities. MD's review and engagement efforts with advisors and investee companies were informed by a recent survey of their Canadian Physician clients, which revealed that climate-related issues were of highest concern.

**Impact of engagement, including measures of success**

Through years of engagement with investee companies our asset managers continue to notice improvement in disclosure practices on climate risk, improving integration of climate and other environmental risks into core business strategy and capital spending plans. Our asset managers increasingly consider comprehensive climate-related strategic planning as a signal of quality management teams, where climate exposure is a material issue. In 2020, JF had a number of successful engagements with investee companies. Examples include: • JF engaged with CFO and IR of a European Materials Company to discuss details with respect to its new targets for sustainable products, including a goal to reduce the CO2 footprint of products by 12% per ton sold by 2023. The company provided more disclosure on the product range and investments made to meet this pledge. We consider these steps to be positive and will continue to follow up to understand progress. • In a call with the CEO of a European Industrial Company, JF discussed opportunities in the hydrogen economy, as well as environmental practices within the company's operations. We came away with deeper understanding of the opportunities related to hydrogen compression, and the path towards commercialization. In addition, we learned that 40% of operations are now being run on green energy. We will continue to follow up on this topic. • We had a call with Investor Relations for a Canadian Technology Company to learn more about their investments in renewable energy. Data centers have historically been a big source of greenhouse gas emissions that contribute to climate change. In 2018, the company decommissioned all of its data servers and shifted entirely to Google Cloud to power its platform. With this change, the platform is now carbon neutral, as Google matches 100% of the energy consumed by Google Cloud with renewable energy. From a business resiliency perspective, we believe the move to outsource further increases the reliability of their server network.

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**C12.1d**

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**(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.**

**Investors**

Over the course of the year, Scotiabank engages with investors and shareholders, including institutional investors on the issue of climate change and climate risk. This can include discussions of our environmental commitments, climate strategy, or our approach to international frameworks such as the Recommendations of the Task Force on Climate-related Financial Disclosures (TCFD). Scotiabank has received several requests from investors to discuss our approach to implementing the TCFD Recommendations in particular, since their release in 2017. This engagement has clarified what is expected from our institutional investors in terms of climate disclosure and has informed our approach towards managing climate change risks and opportunities.

In addition, our asset management businesses also participate in several industry initiatives and collaborative engagements, often in partnership with other investors. For example, 1832 Asset Management (1832), Jarislowsky Fraser (JF), and MD Financial Management (MD), and other internal partners at Scotiabank are collaborating with related companies to engage the TMX Group on enhanced ESG disclosures from listed issuers on their exchanges. 1832 and JF are also both members of the Canadian Coalition for Good Governance, and are represented on their Environmental and Social Committee. The coalition regularly engages corporate boards on ESG-related best practices, including climate-related disclosures. Finally, JF wrapped up participation in its role as a lead investor on the PRI-Coordinated Engagement on Climate Change Transition for Oil & Gas Companies, as well as the PRI-Coordinated Global Engagement on Methane. Both initiatives aim to help investors and companies (mainly in the Energy sector) improve their understanding and management of specific climate-related risks, namely transition risks in response to future policy and technological shifts, and risks related to methane emissions. JF has consolidated its formal climate-related collaborative engagement strategy as a signatory and collaborators for the Climate Action 100+ initiative and as part of the Net Zero subgroup of the SASB Standards Advisory Group. Additionally JF staff have been involved with consultations with exchanges, regulators and policy-makers advocating for the advancement of TCFD-aligned reporting as well as the early development of a Climate transition taxonomy and a Canadian-led Climate Engagement Initiative.

**Community Partners**

Scotiabank aims to support community investments that are targeted toward making an impact on the communities we operate in. Two examples of this include Enactus and Relay Education. In 2020, we supported two different youth challenges with Enactus, an organization that seeks to rally the energy of students to use business to address important social issues across Canada. The Scotiabank Youth Empowerment Challenge and the Scotiabank Environmental Leadership Challenge encourage post-secondary students to develop real-life solutions to challenges facing young people and the environment. In 2020, over 2,942 students volunteered approximately 191,617 hours in their communities through these programs. Link to Enactus Canada: <http://enactus.ca/>

Scotiabank sponsors initiatives like Relay Education's Green Collar Careers program, which builds awareness and capacity in Indigenous youth to pursue careers that positively impact the environment. We are proud to be the National Youth Programs Sponsor for Relay Education in Canada, helping to inspire over 18,000 people every year in building a 100% renewable energy future. Link to Relay Education: <https://relayeducation.com>

**Business Partners**

In 2017, Scotiabank's retail investing division, Scotia iTrade, launched Sustainable Investing tools in partnership with Sustainalytics. This tool is designed for direct investors in Canada who want to combine financial investments with positive social impact. Comprehensive ESG performance ratings are provided for over 1,200 companies on the Toronto Stock Exchange and Russell® 1000 Index. Users can choose to focus on specific issues such as deforestation, water scarcity, labour standards and governance issues to help identify companies to invest in. Over 20,000 users interacted with the sustainable investing tool in 2020.

**C12.3**

**(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?**

- Direct engagement with policy makers
- Trade associations
- Funding research organizations

**C12.3a**

**(C12.3a) On what issues have you been engaging directly with policy makers?**

Focus of legislation	Corporate position	Details of engagement	Proposed legislative solution
Energy efficiency	Support	Scotiabank is a formal Partner of the Carbon Pricing Leadership Council (CPLC). The Government of Canada is also a formal Partner of the CPLC, led by Canada's Minister of Environment and Climate Change. The CPLC launched at COP21 in Paris in 2015. In support of the CPLC's mandate, Scotiabank established an Internal Carbon Price at \$15/tonne in 2017 and began implementing it internally to fund energy efficiency initiatives in 2018. In 2020, we increased this Internal Carbon Price to \$30/tonne, and we plan for it to rise to \$60/tonne by 2022.	The goal of the CPLC is to expand the use of carbon pricing policies that can maintain competitiveness, create jobs, encourage innovation and deliver emissions reductions. Members of the CPLC (including both Scotiabank and the Government of Canada) demonstrate their own leadership by committing to set a price on carbon and calling on their peers to follow suit.
Other, please specify (Climate Change)	Support with minor exceptions	In April 2021, Scotiabank provided Canada's Office of the Superintendent of Financial Institutions (OSFI) with a submission in response to their consultation on Climate Change and Climate-Related Risks. In it, Scotiabank highlighted the increasing importance of assessing and appropriately managing climate-related risks. The Bank further underscored OSFI's key role in setting prudential expectations and principle-based guidance for the management and mitigation of climate-related risk.	In January 2021, the Office of the Superintendent of Financial Institutions (OSFI) launched a three-month consultation with the publication of a discussion paper, Navigating Uncertainty in Climate Change: Promoting Preparedness and Resilience to Climate-Related Risks. The paper focuses on risks arising from climate change that can affect the safety and soundness of federally regulated financial institutions (FRFIs) and federally regulated pension plans (FRPPs). OSFI is interested in how FRFIs and FRPPs define, identify, measure, and build resilience to climate related risks; and how it can facilitate preparedness for, and resilience to, these risks. This input will guide the development of regulatory and supervisory approaches.

C12.3b

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**(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?**

Yes

C12.3c

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**(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.**

**Trade association**

Canadian Bankers Association

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association's position**

The Canadian Bankers Association (CBA) recognizes that environmental sustainability is a key part of Canadian banks' social responsibility efforts. Banks have established environmental policies, goals and practices that help guide their activities inside and out. Environmentally-oriented thinking is incorporated into a range of bank operations, lending, products and services, and community activities. As stated on the CBA's website, Canada's banks recognize the urgency of addressing climate change and understand that the financial sector is central to securing the transition to a low-carbon economy, mitigating the impacts of humans on the environment and ensuring the continued resilience of our country's financial system. Banks also understand that firm commitments are required to accelerate clean economic growth in Canada and to meet the ambitious goal of a net-zero economy by 2050 set by the Paris Agreement on climate change.

**How have you influenced, or are you attempting to influence their position?**

Scotiabank is a member of the CBA and our Group Head, Canadian Banking sits on CBA's board. We support the CBA's position on environmental sustainability through sustainable operations, sustainable lending, green products and services, and community activities. We participate in the CBA's Working Groups on Climate Change Disclosure and Environmental Risk. Through the latter, we are actively engaged in reviewing the Securities and Exchange Commission's Climate Change Disclosures, per their March 2021 invitation for comment.

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**Trade association**

Institute of International Finance

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association's position**

The IIF is the global association of the financial industry. Its mission is to support the financial industry in the management of risks; to develop sound industry practices; and to advocate for regulatory, financial and economic policies that are in the broad interests of its members and foster global financial stability and sustainable economic growth. In its 2021 Board of Directors Statement on Climate Finance, the IIF states, "As leaders of the international financial community, we know that climate change is one of the greatest challenges facing us all. We are determined to effectively manage the risks for our industry and recognize our key role in mobilizing capital for unprecedented opportunities—solutions to mitigate greenhouse gas (GHG) emissions, strengthen climate resilience, unlock innovation and create jobs. We have already made major commitments to financing the transition towards a sustainable, low carbon economy—in both developed and emerging markets—and are accelerating our efforts to make sustainability a top strategic priority across our organizations." The letter further identifies ten recommendations to international regulators and policymakers including the need for clear, long-term policy signals that foster innovation, science-based climate policy goals, and price carbon to leverage the power of the markets.

**How have you influenced, or are you attempting to influence their position?**

The Bank's current President and CEO is on the Board of the IIF. Scotiabank also actively participates in work accomplished at the Committee level of the IIF, including providing input on IIF reports and papers. In addition, we are an active member of the IIF's Sustainable Finance Working Group.

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**Trade association**

Business Council of Canada

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association's position**

The Business Council of Canada (BCC) is a non-profit, non-partisan organization composed of the chief executives of Canada's leading enterprises, representing companies from every region and sector of the economy. It brings business leaders together to shape public policy in the interests of a stronger Canadian public policy landscape. The BCC believes that "Sustainable environmental policies go hand-in-hand with long-term prosperity. As the world's demand for energy continues to increase, the Business Council is strongly committed to making Canada a global leader in sustainable development through showing that healthy economic growth, high living standards and environmental protection can be mutually supportive. The Council's work on energy and the environment includes: supporting innovation in green and clean technology, advocating on the responsible transfer and development of natural resources, and working alongside government and industry on developing policies to combat climate change". In a 2021 policy paper titled, "Clean Growth 3.0", the BCC outlines a path for Canada to achieve prosperity in a net-zero world.

**How have you influenced, or are you attempting to influence their position?**

The Bank is an active member of the BCC and the Bank's current President and CEO is on the Board of the BCC.

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**Trade association**

Toronto Region Board of Trade

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association's position**

Through their advocacy initiatives to promote a competitive Toronto region, the Toronto Region Board of Trade supports sustainable, efficient and reliable energy systems, including those that reduce greenhouse gas emissions while remaining reliable and cost competitive. In addition, the Board focuses on improving transport in the Greater Toronto Area in order to improve the mobility of goods and people and to reduce emissions of air pollutants and GHGs caused by transportation.

**How have you influenced, or are you attempting to influence their position?**

Scotiabank's Executive Vice President, Canadian Banking is a Director of the Toronto Region Board of Trade.

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**C12.3d**

**(C12.3d) Do you publicly disclose a list of all research organizations that you fund?**

No

## C12.3f

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### (C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

To ensure all of our activities that influence policy are consistent with our overall climate change strategy, we have climate change related policies, lending practices, scenario planning, green business initiatives and consumer programs in place. The Enterprise Risk and Corporate Sustainability departments are responsible for updating the Bank's Environmental Policy, which includes climate change risks and opportunities, and is adopted across all business lines and functional areas in all geographies in which the Bank operates, to ensure alignment. Where possible, we work with the above organizations and their members as they develop their policies. We contribute based on our internal policy positions and work to ensure that is captured in any advocacy by organizations we are a part of.

## C12.4

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### (C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

#### Publication

In voluntary sustainability report

#### Status

Complete

#### Attach the document

Scotiabank\_2020\_ESG\_Report\_Final.pdf

Scotiabank\_Appendix\_2020-ESG-Reporting-Indices\_Final.pdf

#### Page/Section reference

Environment section: Pages 14-28 (ESG Report) TCFD Index: Page 3 (Appendix) GRI disclosures: Pages 10-17 (Appendix)

#### Content elements

Governance

Strategy

Risks & opportunities

Emissions figures

Emission targets

Other metrics

#### Comment

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#### Publication

In mainstream reports, incorporating the TCFD recommendations

#### Status

Complete

#### Attach the document

BNS\_Annual\_Report\_2020.pdf

#### Page/Section reference

Page 7 - Letter from the Chair Page 12 - ESG Highlights Page 79 - Board oversight Page 89 - MD&A/Risk types Pages 117-118, P.121 - TCFD

#### Content elements

Governance

Strategy

Risks & opportunities

#### Comment

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#### Publication

In voluntary communications

#### Status

Complete

#### Attach the document

Scotiabank\_Climate\_Commitments\_EN.pdf

#### Page/Section reference

Full document

#### Content elements

Governance

Strategy

Risks & opportunities

Other metrics

#### Comment

In 2019, we developed an enterprise-wide climate strategy and announced the Bank's five Climate Commitments. The Commitments outline how we will continue to support our customers in the transition to a low-carbon economy and decarbonize our own operations.

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C-FS12.5

**(C-FS12.5) Are you a signatory of any climate-related collaborative industry frameworks, initiatives and/or commitments?**

	Industry collaboration	Comment
Reporting framework	Equator Principles Partnership for Carbon Accounting Financials (PCAF) Task Force on Climate-related Financial Disclosures (TCFD) Other, please specify (Sustainability Accounting Standards Board (SASB))	Equator Principles: The Equator Principles have been integrated into the Scotiabank's internal processes and procedures since 2006. Scotiabank completes EP Reporting annually. TCFD: Scotiabank has been a public supporter of the TCFD since 2018. We integrate the recommendations into our Annual Report and ESG Report. We also participate in various industry groups to develop consistent methodologies and metrics for TCFD reporting. PCAF: Scotiabank has pledged to track and report financed emissions by joining the Partnership for Carbon Accounting Financials (PCAF) to support the collaborative development of leading methodologies. Sustainability Accounting Standards Board (SASB): Jarislowsky Fraser is a SASB Alliance Member.
Industry initiative	Principles for Responsible Investment (PRI) Climate Action 100+ UNEP FI TCFD Pilot Other, please specify (Canadian Coalition for Good Governance (CCGG), PRI-Coordinated Engagement on Climate Change Transition for Oil & Gas Companies, PRI-Coordinated Global Engagement on Methane, Carbon Pricing Leadership Coalition (CPLC))	PRI: 1832 Asset Management, Jarislowsky Fraser, and MD Financial Management are all signatories to the PRI. UNEP FI TCFD Pilot: Scotiabank is a participant in the United Nations Environment Program – Finance Initiative (UNEP FI) TCFD pilot to harmonize industry-wide approaches for climate scenario analysis in bank lending portfolios. CCGG: 1832 Asset Management and Jarislowsky Fraser are also both members of the Canadian Coalition for Good Governance, and are represented on their Environmental and Social Committee. Jarislowsky Fraser's President & CEO is on the CCGG Board of Directors. The coalition regularly engages corporate boards on ESG-related best practices, including climate-related disclosures. Climate Action 100+ signatory and collaborator on an engagement with an Asian Industrial company. PRI-Coordinated Engagement on Climate Change Transition for Oil & Gas Companies: Jarislowsky Fraser was a member of the Working Group and is acting as co-lead investor with a European oil & gas company. PRI-Coordinated Global Engagement on Methane: Jarislowsky Fraser was an Advisory Committee member and lead investor with three North American oil & gas companies. CPLC: Scotiabank has been a private sector partner of the CPLC since 2016. As a way of taking internal action, the Bank set an internal price on carbon of \$15 CDN / tonne of CO2 in 2018. In 2019, the Bank committed to increasing this internal price on carbon to \$30 / tonne in 2020, and \$60 / tonne in 2022.
Commitment	Please select	Not applicable

C14. Portfolio Impact

C-FS14.1

**(C-FS14.1) Do you conduct analysis to understand how your portfolio impacts the climate? (Scope 3 portfolio impact)**

	We conduct analysis on our portfolio's impact on the climate	Disclosure metric	Comment
Bank lending (Bank)	Yes	Category 15 "Investment" total absolute emissions	Scotiabank is in the process of establishing bank-wide, quantitative, time-bound targets for reducing GHG emissions associated with our underwriting and lending activities. Such plans would include a quantitative analysis of the GHG intensity of the bank's loan book and underwriting activities to establish a baseline, research on pathways to net zero for a bank, development of options for quantitative targets for reducing GHG emissions and creation of a report outlining GHG emission reduction plans, targets and timelines. Once such targets are established, the bank will report annually on plans and progress towards achieving these targets. Scotiabank has pledged to track and report financed emissions by joining the Partnership for Carbon Accounting Financials (PCAF) to support the collaborative development of leading methodologies.
Investing (Asset manager)	Yes	Alternative carbon footprinting and/or exposure metrics (as defined by TCFD)	Jarislowsky Fraser has calculated the weighted average carbon intensity of its funds covering their equities and fixed income portfolios. 1832 is currently producing portfolio reports on weighted average carbon intensity (CO2/\$ of revenue), but is in early stages on engaging with portfolio managers on implications. 1832 is in the process of developing TCFD-compliant reporting and scenario analysis. MD Financial Management does not currently assess carbon footprinting or TCFD metrics for their portfolios.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Not applicable	<Not Applicable>	Not applicable

C-FS14.1a

**(C-FS14.1a) What are your organization's Scope 3 portfolio emissions? (Category 15 "Investments" total emissions)**

**Category 15 (Investments)**

**Evaluation status**

Relevant, not yet calculated

**Scope 3 portfolio emissions (metric tons CO2e)**

<Not Applicable>

**Portfolio coverage**

<Not Applicable>

**Percentage calculated using data obtained from client/investees**

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

**Please explain**

Scotiabank has committed to establishing bank-wide, quantitative, time-bound targets for reducing GHG emissions associated with our underwriting and lending activities. Such plans would include a quantitative analysis of the GHG intensity of the bank's loan book and underwriting activities to establish a baseline, research on pathways to net zero for a bank, development of options for quantitative targets for reducing GHG emissions and creation of a report outlining GHG emission reduction plans, targets and timelines. Once such targets are established, the bank will report annually on plans and progress towards achieving these targets. Scotiabank's lending business does not currently assess Scope 3 portfolio metrics. However, in terms of the Bank's asset management business, Jarislowsky Fraser calculates Scope 3 portfolio emissions for each strategy as a relative figure normalized against either \$M invested or \$M revenue rather than as a total absolute figure for all of its AUM. In addition, 1832 Asset Management (1832) is actively engaging with MSCI and other data sources to produce Scope 3 portfolio-level reporting. 1832 intends to begin producing draft portfolio level reports that detail Scope 3 emissions in coming months. These experiences may be leveraged to help develop Scope 3 portfolio metric for the Bank's lending portfolio in the future.

**C-FS14.1b**

**(C-FS14.1b) What is your organization's Scope 3 portfolio impact? (Category 15 "Investments" alternative carbon footprinting and/or exposure metrics)**

**Metric type**

Weighted average carbon intensity

**Metric unit**

tCO2e/\$M revenue

**Scope 3 portfolio metric**

100.7

**Portfolio coverage**

More than 0% but less than or equal to 10%

**Percentage calculated using data obtained from clients/investees**

0

**Calculation methodology**

Jarislowsky Fraser (JF) currently uses MSCI ESG Research to calculate the weighted average carbon intensity of its pooled funds. This is calculated as total Scope 1 and 2 emissions normalized against \$M USD sales for each individual holding, and then weighted according to the weight of the holding in the portfolio or index. Carbon emissions are classified per the Greenhouse Gas Protocol (GHG Protocol). MSCI ESG Research collects carbon emissions data once per year from most recent corporate sources, including Annual Reports, Corporate Social Responsibility Reports or websites. In addition, MSCI ESG Research uses the carbon emissions data reported through CDP or government databases when reported data is not available through direct corporate disclosure. When companies do not disclose data, MSCI uses estimation models that use, as applicable, past reported data, the fuel mix for utilities, GICS sub-industry carbon intensity or the Economic Input-Output Life-Cycle Assessment model. To calculate the total Scope 3 portfolio, impact we use the pooled fund carbon intensity as a proxy for other segregated institutional accounts, which are part of the same composite/strategy. The data represents \$25.8B, or 64% the firm's institutional AUM, with carbon data available on 95% of those assets.

**Please explain**

The metric and methodology is applied to all portfolios and assets under management at Jarislowsky Fraser except for bonds issued by government entities. The metric was chosen based on client consultation and guidance from standards such as the TCFD Recommendations. The metrics are primarily used as one way to measure exposure to transition risk in individual companies and portfolios. The updated metrics are part of the weekly package used for the discussions by the investment team and make up part of the quarterly reporting to clients.

**C-FS14.2**

**(C-FS14.2) Are you able to provide a breakdown of your organization's Scope 3 portfolio impact?**

	Scope 3 breakdown	Comment
Row 1	Yes, by asset class Yes, by industry Yes, by country/region	These breakdowns are available for Jarislowsky Fraser's portfolios.

**C-FS14.2a**



**(C-FS14.2a) Break down your organization's Scope 3 portfolio impact by asset class.**

Asset class	Metric type	Metric unit	Scope 3 portfolio emissions or alternative metric	Please explain
Listed equity	Weighted average carbon intensity	tCO2e/\$M revenue	104.5	Based on the following strategies: Canadian Equities, Canadian Equities ex-Special Equity, FFF Canadian Equities, SMID Cap Canadian Equities, Global Equities, FFF Global Equities, U.S. Equities, U.S. Opportunity, International Equities, FFF International Equities, Emerging Market Equities. Data coverage is 99.5%.
Fixed income	Weighted average carbon intensity	tCO2e/\$M revenue	94.8	Based on the JFL Bond Fund. Note: the JF Bond Fund serves as the fixed income model for the many of the firm's balanced mandates. Data coverage is 55.9% because data for government bonds is not currently available.

**C-FS14.2b**

**(C-FS14.2b) Break down your organization's Scope 3 portfolio impact by industry.**

Industry	Metric type	Metric unit	Scope 3 portfolio emissions or alternative metric	Please explain
Energy	Weighted average carbon intensity	tCO2e/\$M revenue	464.6	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 34.6% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Materials	Weighted average carbon intensity	tCO2e/\$M revenue	452	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 11.5% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Utilities	Weighted average carbon intensity	tCO2e/\$M revenue	243.8	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 86.6% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Other, please specify (Industrials)	Weighted average carbon intensity	tCO2e/\$M revenue	103.6	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 58.1% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Other, please specify (Consumer Staples)	Weighted average carbon intensity	tCO2e/\$M revenue	49.2	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 3.2% above the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Other, please specify (Consumer Discretionary)	Weighted average carbon intensity	tCO2e/\$M revenue	50.6	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 42.3% above the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Diversified Financials	Weighted average carbon intensity	tCO2e/\$M revenue	35.5	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 42.6% above the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Other, please specify (Information technology)	Weighted average carbon intensity	tCO2e/\$M revenue	20.5	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 25.7% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Telecommunication Services	Weighted average carbon intensity	tCO2e/\$M revenue	14.1	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 34.6% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Health Care Equipment & Services	Weighted average carbon intensity	tCO2e/\$M revenue	19.7	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 23.7% below the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.
Real Estate	Weighted average carbon intensity	tCO2e/\$M revenue	18.4	Jarislowsky Fraser (JF) calculates the weighted average carbon intensity by industry for each portfolio. The disclosed metric is based on the JF Global Balanced Fund as at September 30, 2020 and is 81.2% above the benchmark. Data availability: All disclosed industries represent 82.1% of the portfolio.

**C-FS14.2c**

**(C-FS14.2c) Break down your organization's Scope 3 portfolio impact by country/region.**

Country/Region	Metric type	Metric unit	Scope 3 portfolio emissions or alternative metric	Please explain
Canada	Weighted average carbon intensity	tCO2e/\$M revenue	119.7	Data coverage is 99.8% for Canadian Equity.
United States of America	Weighted average carbon intensity	tCO2e/\$M revenue	38.1	Data coverage is 100.0% for US Equity.
Other, please specify (International (EAFE))	Weighted average carbon intensity	tCO2e/\$M revenue	74.1	Data coverage is 98.5% for International Equity (Europe, Australasia and Far East).
Other, please specify (Emerging Markets)	Weighted average carbon intensity	tCO2e/\$M revenue	61	Data coverage is 97.3% for Emerging Market Equity.

C-FS14.3

**(C-FS14.3) Are you taking actions to align your portfolio to a well below 2-degree world?**

	We are taking actions to align our portfolio to a well below 2-degree world	Please explain
Bank lending (Bank)	No, but we plan to do so in the next two years	Scotiabank is in the process of establishing bank-wide, quantitative, time-bound targets for reducing GHG emissions associated with our underwriting and lending activities. Such plans would include a quantitative analysis of the GHG intensity of the bank's loan book and underwriting activities to establish a baseline, research on pathways to net zero for a bank, development of options for quantitative targets for reducing GHG emissions and creation of a report outlining GHG emission reduction plans, targets and timelines. Once such targets are established, the bank will report annually on plans and progress towards achieving these targets. Scotiabank has pledged to track and report financed emissions by joining the Partnership for Carbon Accounting Financials (PCAF) to support the collaborative development of leading methodologies. Scotiabank developed an enterprise-wide climate strategy in 2019 and announced the Bank's five Climate Commitments. The Commitments outline how we will continue to support our customers in the transition to a low-carbon economy and decarbonize our own operations, including a commitment to mobilize \$100 billion to reduce the impacts of climate change. Scotiabank supports the principles of the Paris Agreement, and we will continue to monitor demand for financing and policy developments that will help achieve meaningful climate targets.
Investing (Asset manager)	No	1832 Asset Management (1832): 1832 is actively exploring the enhancement of portfolio-level reporting on climate-related risk exposure and carbon intensity. The firm is also actively engaging with investee companies on improving their disclosures related to climate risks and carbon emissions. However, 1832 views engagement and improvement in corporate behaviour as a superior approach to driving change than exclusions or selling securities specifically based on climate-related metrics. 1832 does not intend to specifically target portfolio holdings or tailor its investment processes to meet specific climate-related targets at this stage. Jarislowsky Fraser (JF): JF views climate change as a potentially material idiosyncratic risk for some companies and systemic risk for the broader markets. Due to uncertainty associated with the timing and outcomes of climate change mitigation and adaptation, JF believes that its clients are best served by portfolios made up of investments in companies resilient to an uncertain future that take a long-term, sustainable approach to managing their business and creating value. It will continue to evaluate a variety of scenarios including ones that could achieve a below 2-degree world. MD Financial Management (MD): Based on its ESG scorecard approach, MD will engage with both investment advisors and companies that appear to be laggards in climate-related matters. MD actively engages with both and gives each an opportunity to explain their positions for further investment. If there is a real commitment or plan for improvement, investment may continue, however MD does not intend to specifically target portfolio holdings or tailor its investment processes to meet specific climate-related targets at this stage.
Investing (Asset owner)	<Not Applicable>	<Not Applicable>
Insurance underwriting (Insurance company)	<Not Applicable>	<Not Applicable>
Other products and services, please specify	Not applicable	Not Applicable

C15. Signoff

C-FI

**(C-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.**

C15.1

**(C15.1) Provide details for the person that has signed off (approved) your CDP climate change response.**

	Job title	Corresponding job category
Row 1	Executive Vice President and General Counsel (reports directly to CEO)	Other C-Suite Officer

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 state the main reason why you are declining to respond to your customers**

Request not received directly from customers

**Please confirm below**

I have read and accept the applicable Terms