



Crown-Indigenous Relations and Northern Affairs Canada

Departmental Sustainable Development Strategy 2020-2023



October 2020

Canada

Executive Summary

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) is progressing in its mandate to advance meaningful reconciliation and renew the Crown's relationship with Indigenous governments and communities, while also working with partners—including the provinces, territories, Indigenous peoples, and Northerners—to sustain the development of a vibrant, prosperous and sustainable country, and support ongoing development in the Arctic and Northern region. In doing so, the Department is committed to advancing progress in Canada's whole-of-government sustainable development objectives. This includes taking action against climate change, facilitating access to sustainable food and agriculture, and advancing reconciliation, as laid out in the 2019 to 2022 Federal Sustainable Development Strategy (FSDS), and in coordination with Canada's efforts to implement the United Nations 2030 Agenda on the Sustainable Development Goals (SDGs).

Adopted by Canada and all United Nations Member States in 2015, the 2030 Agenda for Sustainable Development is a shared blueprint for partnership, peace and prosperity for all people and the planet, now and into the future. At the heart of this agenda lie the 17 SDGs that aim to address today's social, economic and environmental challenges. These goals recognize that ending poverty must go hand in hand with strategies that improve health and education, reduce inequality and spur economic growth—all while tackling climate change and working to protect and preserve the environment.

Both the Federal Sustainable Development Strategy and CIRNAC's supporting Departmental Sustainable Development Strategy supports the Government of Canada's commitment to the implementation of these goals. As outlined in Canada's interim plan, *Towards Canada's 2030 Agenda National Strategy*, the national strategy will seek to develop long-term inclusive engagement plans with Indigenous partners and communities, National Indigenous Organizations, Modern Treaty organizations and self-governing Indigenous groups. It will further seek to identify opportunities for collaboration and for integrating Indigenous perspectives, priorities and ways of knowing into the SDGs, support capacity building, and increase awareness about the 2030 Agenda.

As the work on the Agenda 2030 National Strategy unfolds, with completion targeted by the end of 2020, it will be crucial for the FSDS process to identify linkages to Canada's 2030 National Strategy, which offers complementary and enhanced sustainable development implementation and reporting coverage as a means to build a more equitable and environmentally sustainable future with Indigenous partners and communities.

On a whole-of-government level, the FSDS is prepared every three years and is the federal government's primary vehicle for sustainable development planning and reporting. The 2019 to 2022 FSDS includes 13 aspirational goals that represent Canada's commitment to the environment and sustainable development. To align with this overarching strategy, and as required under the *Federal Sustainable Development Act*, CIRNAC is responsible for preparing its own Departmental Sustainable Development Strategy (DSDS) that aligns with the FSDS. The Department's DSDS describes the activities that CIRNAC has committed to undertaking over the next three years to advance the broader goals outlined in the FSDS. Collaboration with other federal departments and agencies, provinces and territories, Indigenous peoples, industry, communities and individual Canadians are essential components to achieving these goals. The Department will continue to work with partners to advance sustainability priorities and integrate environmental and sustainable development considerations into policies, plans, and programs for the benefit of all Canadians.

CIRNAC supports and leads a wealth of activities which contribute to reconciliation between the Crown and Indigenous peoples, as well as the development of Northern and Arctic communities. However, some of the activities that the Department supports can have collateral impacts on the environment. As acknowledged in the Arctic and Northern Policy Framework, climate considerations are of particular importance to Indigenous partners, as represented by National Indigenous Organizations, but also to communities, Northern residents, and territorial governments who are witnessing the effects of climate change at a substantially accelerated rate as compared to the rest of Canadians. Research suggests that the climate is warming three times faster in the North than it is in southern regions of Canada, and consequently, the issue of climate change is of particular concern for CIRNAC and its partners for whom the consequences of climate change will exacerbate existing issues in health, high living costs, energy, and sustainable development.

With a view to contributing to Canada's, Indigenous peoples', territorial governments', and Northerners' environmental priorities, this Strategy will reflect the Department's participation in whole-of-government sustainable development efforts. In particular, Section 3 of this Strategy details how the Department is engaging in actions to reduce environmental impacts and working with partners to meet federal sustainable development goals that have been identified by the FSDS and also the United Nations' SDGs. This includes the Department's alignment with the Policy on Green Procurement, which supports the Government of Canada's effort to promote environmental stewardship by integrating environmental performance considerations into the procurement decision-making process. Beyond this, CIRNAC has developed a set of programs targeted specifically to the

issues and realities of living in the North, such as the Nutrition North Canada Program which provides Northern and isolated communities with improved access to nutritious perishable food, or the Northern Contaminated Sites program, which works to reduce or eliminate, where possible, risks to human and environmental health caused by contaminated sites.

Section 1: Introduction to the Departmental Sustainable Development Strategy

The *Federal Sustainable Development Act* provides the legal framework for developing and implementing a FSDS that will make environmental decision-making more transparent and accountable to Parliament. The 2019 to 2022 FSDS presents the Government of Canada's sustainable development goals and targets, as required by the *Federal Sustainable Development Act*. To align with the objectives of the *Act* to integrate environmental, social and economic considerations into decision-making, and make such decisions more transparent and accountable to Parliament, CIRNAC supports reaching goals outlined in the FSDS through the activities described in this DSDS.

Section 2: Sustainable Development Vision and Context in Crown-Indigenous Relations and Northern Affairs Canada

CIRNAC is responsible for advancing Canada's efforts to work towards meaningful reconciliation and accelerating the renewal of the Crown's relationship with Indigenous peoples based on the recognition of rights, respect, co-operation and partnership. In addition, following the November 2019 creation of the new position of Minister of Northern Affairs, the Department has underscored its commitment to creating lasting and impactful changes and working towards a vibrant, prosperous and sustainable Arctic and Northern region.

As part of the Department's effort to fulfill this mandate, CIRNAC is committed to working with partners towards self-determination and to support northern, territorial, and Indigenous partners to sustainably develop Indigenous and Northern communities. As part of CIRNAC's effort to advance this vision, the Department has identified key performance indicators that serve to contribute to goals and targets identified in the 2019 to 2022 FSDS.

The Department's DSDS aligns with five of the thirteen goals as outlined in the 2019 to 2022 FSDS:

1. Greening Government: The Government of Canada will transition to low-carbon, climate-resilient, and green operations.
2. Effective Action on Climate Change: A low-carbon economy contributes to limiting global average temperature rise to well below 2 degrees Celsius and supports efforts to limit the increase to 1.5 degrees Celsius.
3. Clean Energy: All Canadians have access to affordable, reliable and sustainable energy.
4. Sustainable Food: Innovation and ingenuity contribute to a world-leading agricultural sector and food economy for the benefit of all Canadians.
5. Safe and Healthy Communities: All Canadians live in clean, sustainable communities that contribute to their health and well-being.

FSDS Goal: Greening Government – CIRNAC is the custodian of buildings, leases space in facilities across the country, manages a fleet of vehicles, and procures goods and services in order to serve Canadians. The commitments under the Greening Government goal outline the areas CIRNAC plans to focus on to continue to reduce the environmental effects associated with the Department's physical operations and procurement decisions. Specifically, CIRNAC will continue to take steps to 'green' its buildings, support the reduction of energy use in the Department's fleet, and better integrate environmental performance considerations into all aspects of the departmental procurement process. Furthermore, since renewing the relationship between Indigenous Peoples and the Government of Canada requires that meaningful consultation and engagement opportunities occur frequently and over time, the Department will make feasible and fiscally responsible efforts to reduce its carbon emissions and footprint by making eco-conscious decisions with regards to travel and combining trips to achieve multiple goals where possible.

FSDS Goal: Effective action on climate change – As acknowledged in the Government of Canada's Arctic and Northern Policy Framework, climate change is a critical global problem that is proving to affect Northern and Indigenous communities at an accelerated rate as compared to the rest of Canada. As part of the Department's commitment to addressing climate change with territorial, Indigenous, and Northern partners, CIRNAC is continuing to advance meaningful change through its suite of climate change programs designed to support effective action on climate change through both mitigation and adaptation. CIRNAC's Northern REACHE (Responsible Energy Approach for Community Heating and Electricity) program provides funding for planning and implementing of renewable energy and energy efficiency projects, and related capacity building and planning in the Yukon, Northwest Territories, Nunavut, Nunavik, and Nunatsiavut regions. Increasing energy

efficiency and the use of renewable energy sources will result in environmental, social, and economic benefits to support developing healthier, more sustainable Northern communities. Adaptation, a key factor in addressing climate change, is about making smart, informed, forward-looking decisions. CIRNAC's First Nation Adapt, Climate Change Preparedness in the North and new Indigenous Climate Community-Based Monitoring programs focus on developing information and tools to support Indigenous and Northern communities to identify climate change impacts and adaptation measures. The long-term outcome of these programs is to increase resilience to climate change impacts by implementing adaptation measures. Beyond these measures, CIRNAC is continuing to work in partnership with territorial, Indigenous, and other Northern partners to ensure that actions can collectively be taken to advance shared priorities related to sustainable development.

FSDS Goal: Clean Energy – CIRNAC seeks to ensure that all Canadians have access to affordable, reliable and sustainable energy by working with territorial governments, Indigenous organizations and communities, and other federal departments to develop a plan and timeline for deploying innovative renewable energy and efficiency alternatives to diesel. The Department also continues to work with other governments and the private sector to improve the development of clean and renewable energy sources, including through the Northern REACHE (Responsible Energy Approach for Community Heating and Electricity) program. Furthermore, CIRNAC is also supporting territorial governments to invest in clean energy sources, as demonstrated by the recent investments made toward the Government of Northwest Territories; Taltson Hydroelectricity Expansion Project. Such investments support the Department's commitment to working in partnership with territorial and Indigenous partners by supporting their transition towards sustainable and clean energy sources that contribute to Canada's sustainable development objectives.

FSDS Goal: Sustainable Food – CIRNAC contributes to creating a world-leading agricultural sector and food economy for the benefit of all Canadians through its Nutrition North Canada Program. CIRNAC provides a retail-based subsidy on nutritious, perishable food that must be transported by air to northern communities without year-round surface access to ensure these foods are more accessible and affordable for residents of isolated northern communities in Canada. In addition, the Harvesters Support Grant, developed with Indigenous partners, provides Northern and remote communities with the ability to increase their access to traditional foods by reducing the high costs associated with traditional hunting and harvesting.

FSDS Goal: Safe and Healthy Communities – CIRNAC will ensure that all Canadians live in clean, sustainable communities that contribute to their health and well-being by managing contaminated sites to reduce risk to human and environmental health and safety. Starting in 2020, the Department will implement the Northern Abandoned Mine Reclamation Program, which will manage the clean-up of the eight largest abandoned mine sites located in the Northwest Territories and Yukon. CIRNAC will also continue work under the Federal Contaminated Sites Action Plan to address high priority sites.

Section 3: Commitments for Crown-Indigenous Relations and Northern Affairs Canada



Greening Government: The Government of Canada will transition to low-carbon, climate resilient, and green operations

Responsible Minister: All ministers

This goal captures commitments from the Greening Government Strategy, as well as reporting requirements under the Policy on Green Procurement.

Greening Government Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
Reduce Greenhouse Gas (GHG) emissions from federal government facilities and fleets by 40% below 2005 levels by 2030 (with an aspiration to achieve this target by 2025) and 80% below 2005 levels by 2050 (with an aspiration to be carbon neutral)	All new buildings and major building retrofits will prioritize low-carbon investments based on integrated design principles, and life-cycle and total-cost-of-ownership assessments which incorporate shadow carbon pricing	<ul style="list-style-type: none"> Undertake a strategic evaluation of the department's real property portfolio to determine the most cost-effective pathway to achieve low-carbon operations. All new federal buildings (including build-to-lease and public-private partnerships), starting at the latest in 2022, should be constructed to be net-zero carbon unless a lifecycle cost benefit analysis indicates net-zero carbon ready construction. 	<p>Actions that reduce the demand for energy or switch to lower carbon sources of energy will lead to reductions in GHGs from building operations.</p> <p>These actions contribute to SDG 9 (Industry, Innovation, and Infrastructure) and SDG 12 (Responsible Consumption and Production).</p>	<p><u>Buildings</u></p> <p>Starting Point:</p> <p>CIRNAC started tracking facility emissions in fiscal year 2017-18.</p> <p>Performance Indicators:</p> <ul style="list-style-type: none"> GHG emissions from facilities in fiscal year 2017–18 (base year): = 1.8 ktCO₂e GHG emissions from facilities in current reporting fiscal year (2018-19) = 2.3 ktCO₂e Percentage (%) change in GHG emissions from facilities from fiscal year 2017-18 to current reporting fiscal year = 28 % 	Internal Services
	Departments will adopt and deploy clean technologies and implement procedures to manage building operations and take advantage of programs to improve the environmental performance of their buildings	<ul style="list-style-type: none"> Internal collaboration to identify and progress on opportunities for clean technologies, building operations, and building environmental performance during fiscal year 2020-21. Establishment of departmental green procurement targets to prioritize zero carbon real property by fiscal year 2020-21. 	Understanding the range of applications for clean technology in building operations, and identifying what clean technology is purchased by Departments for what purposes will raise awareness about clean technology opportunities in the built environment and ultimately reduce greenhouse gas emissions and support		Internal Services

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			<p>more efficient production and consumption.</p> <p>This action supports SDGs 11 (Sustainable Cities and Communities) and 12 (Responsible Consumption and Production).</p>	<p><u>Fleet</u></p> <p>Starting Point (under development):</p> <p>CIRNAC is currently in the process of determining baseline measures for this indicator. CIRNAC's adjusted fleet base year emissions will be finalized during fiscal year 2020-21.¹</p>	
	<p>Fleet management will be optimized by including applying telematics to collect and analyze vehicle usage data on vehicles scheduled to be replaced</p>	<ul style="list-style-type: none"> 75% of new light-duty unmodified administrative fleet vehicle purchases will be zero-emission vehicles or hybrids. All new executive vehicle purchases will be zero-emission vehicles or hybrids. 	<p>Rationalization of fleets via retirement of emitting vehicles can reduce GHG emissions.</p> <p>CIRNAC's fleet GHG base year is being adjusted to reflect the transfer of vehicles and a significant corresponding portion of departmental annual fuel consumption to the new department of Indigenous Services Canada (ISC).</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by reducing fuel consumption.</p>	<p>Performance Indicators:</p> <ul style="list-style-type: none"> GHG emissions from fleet in fiscal year 2005-06 (adjusted base year): = 0.085 ktCO₂e (estimated) GHG emissions from fleet in fiscal year 2018-19 = 0.087 ktCO₂e Percentage (%) change in GHG emissions from fleet from fiscal year 2005-06 to current reporting fiscal year = +2.3% Overall fuel consumption (Gasoline Litres Equivalent) in fiscal year 2005-06: 35,465 Overall fuel consumption (Gasoline Litres Equivalent) in fiscal year 2018-19: 37,664 	<p>Internal Services</p>

¹ Note that, due to the global pandemic, finalizing these results have been delayed, but it is expected that baseline measures will be established by fiscal year 2020-21.

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				<ul style="list-style-type: none"> Fuel/GHG data for the 2019-20 fiscal year will be available by September 2020. Percentage change in GHG emissions from fleet will be calculated from the above baseline. 	
Divert at least 75% (by weight) of non-hazardous operational waste from landfills by 2030	Other	<ul style="list-style-type: none"> Track and disclose waste diversion rates by 2022. Engage employees on waste diversion initiatives. Report building energy and water usage and waste generated using ENERGY STAR Portfolio Manager in all new domestic office leases and lease renewals for space more than 500 square metres. 	<p>Actions that reduce the generation of non-hazardous operational waste will help to reduce Scope 3 emissions for the production, transport and disposal of material. Diverting waste from landfill reduces landfill gas and transport hauling emissions. Material recovery via recycling reduces emissions for the extraction and production of virgin materials.</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by promoting sustainable waste management.</p>	<p>Starting Point (under development):</p> <p>CIRNAC's baseline data for non-hazardous operational waste is under development and expected to be released by fiscal year 2021-22.²</p> <p>Performance Indicators:</p> <p>CIRNAC will begin reporting the following indicators by fiscal year 2021-22:</p> <ul style="list-style-type: none"> Mass of non-hazardous operational waste generated in the year = [X] tonnes/year Mass of non-hazardous operational waste diverted in the year = [Y] tonnes/year Percentage (%) of non-hazardous operational waste diverted = [Y/X] % 	Internal Services Northern Affairs Organization

² Note that, due to the global pandemic, finalizing these results may be delayed, but it is expected that baseline measures will be established by fiscal year 2021-22.

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Divert at least 75% (by weight) of plastic waste from landfills by 2030	Other	<ul style="list-style-type: none"> Eliminate the unnecessary use of single-use plastics in government operations, events and meetings. Develop departmental policy instruments to mandate and support the elimination of unnecessary single-use plastics. When procuring products that contain plastics, CIRNAC will promote the procurement of sustainable plastic products and the reduction of associated plastic packaging waste. Track and disclose departmental waste diversion rates by 2022. 	<p>Actions that reduce the generation of plastic waste will help to reduce Scope 3 emissions for the production, transport and disposal of material. Diverting waste from landfill reduces landfill gas and transport waste hauling emissions. Material recovery via recycling reduces emissions for the extraction and production of virgin materials.</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by reducing the generation of plastic waste.</p>	<p>Starting Point (under development):</p> <p>CIRNAC's baseline data for the diversion of single-use plastic is under development and expected to be released by fiscal year 2021-22.³</p> <p>Performance Indicators: CIRNAC will establish baseline levels for the following indicators by fiscal year 2021-22:</p> <ul style="list-style-type: none"> Mass of plastic waste generated in the year = [X] tonnes/year Mass of plastic waste diverted in the year = [Y] tonnes/year Percentage (%) of plastic waste diverted = [Y/X] % 	Internal Services
Divert at least 90% (by weight) of all construction and demolition waste from landfills (striving to achieve 100% by 2030)	Other	<ul style="list-style-type: none"> Track and disclose departmental waste diversion rates by 2022. Establish departmental green procurement targets to require the diversion of waste from construction and demolition projects. 	<p>Actions that reduce the generation of construction and demolition waste will help to reduce Scope 3 emissions for the production, transport and disposal of material. Diverting waste from landfill reduces landfill gas and transport waste hauling emissions. Material recovery via recycling reduces</p>	<p>Starting Point (under development):</p> <p>CIRNAC's baseline data for departmental construction and demolition waste is under development and expected to be released by fiscal year 2021-22.⁴</p>	Internal Services

³ Note that, due to the global pandemic, finalizing these results may be delayed, but it is expected that baseline measures will be established by fiscal year 2021-22.

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			<p>emissions for the extraction and production of virgin materials.</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by reducing landfill waste generated by construction and demolition projects.</p>	<p>Performance Indicators:</p> <p>CIRNAC will begin reporting the following indicators by fiscal year 2021-22:</p> <ul style="list-style-type: none"> • Mass of construction and demolition waste generated in the year = [X] tonnes/year • Mass of construction and demolition waste diverted in the year = [Y] tonnes/year • Percentage (%) of construction and demolition waste diverted = [Y/X] % 	
<p>By 2030, 75% of domestic office lease transactions must be carbon neutral in situations where the federal government represents 75% or greater of the occupied space (square metres), market conditions permit and a competitive environment exists</p>	<p>In all new domestic office leases and lease renewals for space more than 500 square metres, landlords must report building energy and water usage and waste generated using ENERGY STAR Portfolio Manager</p>	<ul style="list-style-type: none"> • All new domestic office leases and lease renewals awarded after April 1, 2025, where the federal government is the majority tenant, market conditions permit and a competitive environment exists, preference will be given to buildings with the highest available ENERGY STAR Portfolio Manager score. 	<p>Higher performing buildings with the highest scores will generally minimize energy use and therefore GHG emissions from heating and electricity (where applicable).</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by minimizing energy consumption and promoting demand for carbon neutral office space.</p>	<p>Starting Point:</p> <p>CIRNAC leases real property in Cambridge Bay, Nunavut to support the Canadian High Arctic Research Station, and these leases are planned for transfer to Polar Knowledge Canada by fiscal year 2020-21. All other facilities used by CIRNAC for operational purposes are department-owned or provided by Public Services and Procurement Canada (PSPC).⁵</p>	<p>Internal Services</p>

⁵ Note that, due to the global pandemic, finalizing these results may be delayed, but it is expected that baseline measures will be established by fiscal year 2020-21.

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				<p>Performance Indicators:</p> <p>CIRNAC will begin reporting the following indicators by fiscal year 2021-22:</p> <ul style="list-style-type: none"> • % of domestic office lease transactions that are carbon neutral • % domestic office leases and lease renewals awarded having the highest available ENERGY STAR Portfolio Manager score • Average ENERGY STAR Portfolio Manager score of new domestic office leases and lease renewal buildings 	
<p>Our administrative fleet will be comprised of at least 80% zero-emission vehicles by 2030</p>	<p>Fleet management will be optimized including by applying telematics to collect and analyze vehicle usage data on vehicles scheduled to be replaced</p>	<ul style="list-style-type: none"> • 75% of new light-duty unmodified administrative fleet vehicle purchases will be zero-emission vehicles or hybrids. • All new executive vehicle purchases will be zero-emission vehicles or hybrids. 	<p>As conventional vehicles are replaced over their lifetimes with ZEVs, and/or the size of the fleet is reduced, a greater proportion of the fleet will be ZEV.</p> <p>CIRNAC faces challenges in complying with this target as most departmental vehicles are required to operate in remote and extremely cold Northern locations where service support for zero-emission vehicles is not readily</p>	<p>Starting Point:</p> <ul style="list-style-type: none"> • Percentage of ZEV in administrative fleet = 0% (fiscal year 2018-19) <p>Performance Indicators:</p> <ul style="list-style-type: none"> • Total number of vehicles in administrative fleet = 46 (fiscal year 2019-20) • Percentage of annual administrative fleet purchases that are ZEV or hybrid = 0% (fiscal year 2019-20) 	<p>Internal Services</p>

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			<p>available. CIRNAC is updating its departmental policies and procedures for fleet purchases to require completion of “right-sizing” charts for new vehicles</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by supporting the procurement and operation of zero-emission vehicles</p>	<ul style="list-style-type: none"> Percentage of ZEV in administrative fleet = 0% (fiscal year 2019-20) Executive vehicle hybrid or ZEV purchases = 2 (fiscal year 2019-20) 	
<p>By 2022, departments have developed measures to reduce climate change risks to assets, services and operations</p>	<p>Increase training and support on assessing climate change impacts, undertaking climate change risk assessments and developing adaptation actions to public service employees, and facilitate sharing of best practices and lessons learned</p>	<ul style="list-style-type: none"> By 2021, CIRNAC will take action to understand the wide range of climate change impacts that could potentially affect federal assets, services and operations across the country. 	<p>Factoring climate variability and change into policy, programs, and operations is one of the most important ways the government can adapt to a changing climate and is consistent with the government’s risk management approach of enhancing the protection of public assets and resources and strengthening planning and decision-making.</p> <p>This action supports SDG 13 (Climate Action) by mandating consideration of climate risks and the development of commensurate plans and mitigation measures.</p>	<p>Starting Point: CIRNAC has completed extensive work to date on assessing climate change impacts for departmental program activities and Northern stakeholders. Assessment of climate change risks for departmental custodial assets remains to be completed.</p> <p>Performance Indicator:</p> <ul style="list-style-type: none"> CIRNAC will complete a departmental climate risk assessment for departmental assets, services, and operations by fiscal year 2021-22. 	<p>Internal Services</p>
	<p>By 2021, adopt climate-resilient building codes being developed by</p>	<ul style="list-style-type: none"> All major real property projects will integrate climate change adaptation 	<p>Early adoption of the code in the construction of buildings</p>	<p>Starting Point (under development):</p>	<p>Internal Services</p>

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	National Research Council Canada	<p>into the design, construction and operation aspects.</p> <ul style="list-style-type: none"> Climate change adaptation will be included in the design, construction and operation aspects of real property or engineered asset projects. Construct buildings conforming to the NRC code. 	<p>demonstrates federal leadership in climate resilient buildings.</p> <p>This action supports SDG 11 (Sustainable Cities and Communities) by ensuring that real property projects will remain resilient against identified climate change impacts and risks.</p>	<p>CIRNAC's real property sustainability framework is planned for development during fiscal year 2020-21. This framework will mandate integration of climate change adaptation in all real property projects.⁶</p> <p>Performance Indicator:</p> <ul style="list-style-type: none"> CIRNAC will report the Percentage of buildings constructed in the reporting year that conform to the NRC climate-resilient building codes starting in fiscal year 2020-21. 	
Use 100% clean electricity by 2025	Other	<ul style="list-style-type: none"> In regions with carbon emitting electricity generation, organizations will at a minimum produce or purchase megawatt hours of renewable electricity equivalent to that produced by the high-carbon portion of the electricity grid. This includes the use of renewable electricity generated on-site or purchased off-site. There is a preference, but not a requirement, to buy electricity in the 	<p>The use of clean electricity eliminates GHG emissions in jurisdictions with emitting generation sources.</p> <p>This action supports SDG 7 (Affordable and Clean Energy) by stimulating demand for clean electricity in areas with operational facilities managed by CIRNAC.</p>	<p>Starting Point (under development):</p> <p>CIRNAC only purchases electricity for department-owned operational facilities located in Nunavut. Electricity for all other departmental facilities is provided through PSPC. CIRNAC is currently in the process of determining a baseline measure for this indicator.⁷</p>	Internal Services

⁶ Note that, due to the global pandemic, finalizing these results may be delayed, but it is expected that the sustainability framework will be developed by 2020-21.

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		province or territory in which it is consumed.		Performance Indicators: CIRNAC will begin reporting the following indicators by the end of fiscal year 2020-21: <ul style="list-style-type: none"> • Electricity consumption in the year = [X] kWh/year • Electricity consumption from non-emitting sources (including renewable energy certificates) in the year = [Y] kWh/year • Percentage (%) of clean electricity = [Y/X] % 	
Actions supporting the Goal: Greening Government	Minimize embodied carbon and the use of harmful materials in construction and renovation	<ul style="list-style-type: none"> • Specification of low embodied carbon materials in construction and construction contracts • Substitution of low embodied carbon materials in construction and renovation projects. 	The use of low embodied carbon materials expands the market and encourages industry to adopt low carbon extraction, production and disposal practices. This will reduce Scope 3 emissions and other harmful environmental impacts. This action supports SDG 12 (Responsible Consumption and Production) by minimizing emissions resulting from construction and renovation projects.	Starting Point (under development): CIRNAC's real property sustainability framework is planned for development during fiscal year 2020-21. This framework will mandate integration of climate change adaptation in all real property projects. ⁸ Performance Indicator: CIRNAC will begin reporting the following indicator by the end of fiscal year 2020-21:	Internal Services

⁸ Note that, due to the global pandemic, finalizing these results may be delayed, but it is expected that the sustainability framework will be developed by 2020-21.

Greening Government Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
	<p>Departments will use environmental criteria to reduce the environmental impact and ensure best value in government procurement decisions</p>	<ul style="list-style-type: none"> • Include criteria that address carbon reduction, sustainable plastics and broader environmental benefits into procurements for goods and services that have a high environmental impact. • Integrate environmental considerations into procurement management processes and controls. • Incorporate environmental considerations into the development of any common-use procurement instruments. • Ensure key officials include contribution to and support for the Policy on Green Procurement objectives in their performance evaluations. • Set departmental targets to reduce the environmental impact of specific goods or services. 	<p>Green procurement incorporates environmental considerations into purchasing decisions and is expected to motivate suppliers to reduce the environmental impact of the goods and services they deliver, and their supply chains.</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by mandating the consideration of environmental performance in procurement decisions.</p>	<ul style="list-style-type: none"> • Percentage of major construction projects in which embodied carbon in building materials was minimized. <p>Starting Point:</p> <p>The new <i>CIRNAC Directive on Green Procurement</i> and twelve departmental green procurement targets were endorsed by the department's Senior Policy Circle in 2019 and are planned for approval and implementation during fiscal year 2020-21. CIRNAC's new departmental green procurement targets will be reflected in the next update to this strategy.</p> <ul style="list-style-type: none"> • Volume of expenditure through Standing Offers and Supply Arrangements (SOSAs) that include environmental criteria in 2018-19: 100% • Inclusion of environmental considerations (e.g. reduce, reuse, or include environmental criteria) in new common-use procurement instruments in 2018-19: 100% • Inclusion of environmental considerations (e.g. 	<p>Internal Services</p>

Greening Government Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
				<p>reduce, reuse, or include environmental criteria) in procurements valued over \$2 million in 2018-19: Not available</p> <p>Performance Indicators:</p> <ul style="list-style-type: none"> • Volume of expenditure through Standing Offers and Supply Arrangements (SOSAs) that include environmental criteria in 2019-20: 100% • Inclusion of environmental considerations (e.g. reduce, reuse, or include environmental criteria) in new common-use procurement instruments in 2019-20: 100% • Inclusion of environmental considerations (e.g. reduce, reuse, or include environmental criteria) in procurements valued over \$2 million in 2019-20: Not available 	
	<p>Departments will adopt clean technology and undertake clean technology demonstration projects</p>	<ul style="list-style-type: none"> • Undertake or commission research and development for innovative clean technologies. • Address specific departmental needs or increase operational efficiency by testing state-of-the-art 	<p>Actions by individual departments that incent, support, or procure state-of-the-art innovative clean technologies that lower the environmental footprint of government operations while contributing to the success of</p>	<p>Starting Point:</p> <p>CIRNAC's greening priorities in recent years have focused on complying with mandatory requirements and the ongoing transformation of the former Indigenous and Northern</p>	<p>Internal Services</p>

Greening Government Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
		<p>innovations not yet available in the marketplace.</p> <ul style="list-style-type: none"> • Lead by example as an early adopter of clean technology innovations • Develop operational innovation proposals for the Greening Government Fund. • Create departmental set-asides or targets for procurement of clean technology goods and services • Incorporate life-cycle assessments and outcomes-based approaches into procurement practices to ensure innovative approaches are considered. 	<p>clean-tech businesses in Canada.</p> <p>This action supports SDG 9 (Industry, Innovation, and Infrastructure) by fostering the adoption and demonstration of emerging clean technologies and leading by example.</p>	<p>Affairs Canada has impeded the department from progressing on projects to adopt new clean technologies. The department's forthcoming real property sustainability framework and <i>Sustainable Workplace Operations Approach</i> will provide opportunities to deploy clean technologies.</p> <p>Performance Indicator:</p> <ul style="list-style-type: none"> • CIRNAC will identify and report projects that adopt clean technology by the end of fiscal year 2020-21. 	
	<p>Support for green procurement will be strengthened, including guidance, tools and training for public service employees</p>	<p>Ensure decisions makers, material management and specialists in procurement have the necessary training and awareness to support green procurement.</p>	<p>Green procurement incorporates environmental considerations into purchasing decisions and is expected to motivate suppliers to green their goods, services and supply chain.</p> <p>This action supports SDG 12 (Responsible Consumption and Production) by mandating the consideration of environmental performance in procurement decisions.</p>	<p>Starting Point:</p> <p>Departmental specialists in procurement and material management are required to complete the Canada School of Public Service online course on Green Procurement. Completion rate for this course was determined to be 95% in 2017 (21 of 22 employees), but has not been verified since then due to insignificant organizational changes resulting from the transformation of the former department of Indigenous and</p>	<p>Internal Services</p>

Greening Government Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
				<p>Northern Affairs Canada (INAC) into CIRNAC and ISC.</p> <p>CIRNAC has developed updated training for departmental procurement officers on how to record green procurement details in the financial information system that is currently planned for delivery during the 2020-21 fiscal year.</p> <p>Performance Indicators:</p> <ul style="list-style-type: none"> • Percentage of specialists in procurement and materiel management who have completed the Canada School of Public Service training course on green procurement is to be validated and reported annually starting fiscal year 2020-21. • Percentage of specialists in procurement who have completed departmental training on recording green procurement in the financial information system is to be reported starting in fiscal year 2020-21. 	



Effective Action on Climate Change: A low-carbon economy contributes to limiting global average temperature rise to well below two degrees Celsius and supports efforts to limit the increase to 1.5 degrees Celsius

Responsible Minister: Minister of Environment and Climate Change; supported by a whole-of-government approach to implementation

Effective Action on Climate Change FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
<p>Actions supporting the Goal: Effective Action on Climate Change</p> <p><i>This section is for actions that support the Effective Action on Climate Change Goal but do not directly support a FSDS target</i></p>	<p>Provide support and funding for climate resilience</p>	<p>Provide funding to First Nations communities to assess climate change risks, develop adaptation plans and develop flood plain maps.</p>	<p>FSDS: The First Nation Adapt (FNA) program supports community driven projects that allow First Nations south of the 60th parallel to take action on climate change. \$9,000,000 in funding is available annually to support projects such as: climate change risk assessments; integration of climate change risks into community planning documents; identification of adaptation measures to reduce climate change impacts; collection of Indigenous Knowledge regarding community-based local knowledge of past climate events and trends, floodplain mapping to assess current and future projected flood risks to community infrastructure.</p> <p>SDG 13: Climate Action</p>	<p>Starting point: The FNA program was established in 2016-17. As of March 2019, the program has funded 108 projects for over \$18 million.</p> <p>Performance indicator: Amount of FNA project funds invested annually.</p> <p>Target: \$9 million annually</p>	<p>Climate Change and Clean Energy</p>
		<p>Provides funding to Northern and Indigenous communities to assess climate change risks, develop adaptation plans and implement adaptation actions.</p>	<p>FSDS: The Climate Change Preparedness in the North (CCPN) program supports community-driven projects that allow Northern and Indigenous Communities in northern Canada to take action on climate change. \$8,800,000 is available annually to support climate change projects such as: climate change risk assessments, development of hazard maps and adaptation plans, development of adaptation options and the</p>	<p>Starting point: The CCPN program was established in 2016-17. As of March 2019, the program has funded 135 projects for over \$19 million</p>	<p>Climate Change and Clean Energy</p>

			<p>implementation of structural and non-structural adaptation measures.</p> <p>SDG 13: Climate Action</p>	<p>Performance indicator: Amount of CCPN project funds invested annually.</p> <p>Target: \$8.8 million March 2021</p>	
		<p>Provides funding to help Indigenous Peoples monitor climate and environmental changes in their communities/traditional lands.</p>	<p>FSDS: The <u>Indigenous Community-Based Climate Monitoring program (ICBCM)</u> supports Indigenous People to monitor climate and climate change impacts for use in decision-making using both Indigenous Knowledge and science. Annually, \$6,000,000 is allocated to support projects which may include: training and hiring of community members; developing monitoring plans, monitoring key climate indicators; assessing and managing data; communicating results; networking and community engagement.</p> <p>SDG 13: Climate Action</p>	<p>Starting point: The ICBCM program was established in 2017-18. As of March 2019, the program has funded 101 projects for over \$9 million</p> <p>Performance indicator: Amount of ICBCM project funds invested annually</p> <p>Target: \$6 million annually</p>	<p>Climate Change and Clean Energy</p>
	<p>Work with partners on climate change</p>	<p>Support capacity building and engagement and support the distinctions-based bilateral Pan-Canadian Framework (PCF) tables with First Nations, Inuit, and the Métis Nation</p>	<p>FSDS: The Engaging Indigenous Peoples in Climate Policy program (EIPICP) builds capacity in National and Regional Indigenous Organizations by providing funding for Indigenous climate change positions, holding climate change events and engagement sessions such as the PCF tables. Building climate change capacity in Indigenous organizations allows Indigenous peoples to take a leadership role in actions on climate change within their communities and regions.</p> <p>SDG 13: Climate Action</p>	<p>Starting point: The Engaging Indigenous Peoples in Climate Policy Program began in 2017. The program invested \$5M in 2017-18.</p> <p>Performance indicator: Amount of EIPICP funds invested in capacity building and engagement projects.</p> <p>Target: \$5,000,000 annually</p>	<p>Climate Change and Clean Energy</p>



Clean Energy: All Canadians have access to affordable, reliable and sustainable energy

Responsible Minister: Minister of Natural Resources

Clean Energy FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
<p>By 2030, 90% and in the long term, 100% of Canada's electricity is generated from renewable and non-emitting sources</p>	<p>Promote collaboration and work with partners on clean energy infrastructure</p>	<p>Support Northern communities, governments, and organizations to plan and construct renewable energy and energy efficiency projects that reduce diesel use for electricity and heating.</p>	<p>FSDS: The Northern Responsible Energy Approach for Community Heat and Electricity (REACHE) program aims to reduce northern communities' reliance on diesel fuel for electricity and heating. By funding clean energy and energy efficiency projects the program will reduce the use of diesel, contributing to reduced GHG emissions. Over 30 projects are funded annually with \$3,750,000. These projects focus on proven technologies such as: solar, wind, energy storage, hydro, biomass heating, residual heat recovery and LED</p> <p>https://www.aadnc-aandc.gc.ca/eng/1481305379258/1481305405115</p> <p>SDG 7: Affordable and Clean Energy</p> <p>7.2 By 2030, increase substantially the share of renewable energy in the global energy mix</p>	<p>Starting point:</p> <p>Northern REACHE program was launched in 2016–17. As of March 31, 2019, 93 projects across the north were funded. The consumption of diesel was reduced by 263,000 litres which represents a reduction of over 739,000 kilograms of CO₂.</p> <p>Performance indicator: Reduction (in litres) in the consumption of diesel fuel for electricity and heating in northern communities resulting from renewable energy and energy efficiency projects</p> <p>Target:</p> <p>12.5 million litres of diesel fuel reduced (or 0.035 Megatonnes of greenhouse gas emissions reduced) by 2028.</p>	<p>Climate Change and Clean Energy</p>



Sustainable Food: Innovation and ingenuity contribute to a world-leading agricultural sector and food economy for the benefit of all Canadians
 Responsible Minister: Minister of Agriculture and Agri-Food; Minister of Fisheries, Oceans and the Canadian Coast Guard

Sustainable Food FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
<p>Actions supporting the Goal: Sustainable Food</p> <p><i>This section is for actions that support Sustainable Food Goal but do not directly support a FSDS target</i></p>	<p>Sustainable Food</p>	<p>Residents in eligible communities have access to nutritious, perishable foods at a subsidized rate</p> <p>Provide a subsidy for staple goods (non-perishables and other non-food/essential items shipped by surface transportation.</p> <p>Isolated northern communities' nutritional choices and community health are strengthened</p>	<p>FSDS: Sustainable Food</p> <p>SDG 11: Sustainable Food</p> <p>Nutrition North Canada is one program in the Government of Canada that helps support sustainable foods and food security systems for Northerners.</p> <p>Nutrition North Canada's food subsidy helps improve the availability and access of nutritious food for Northern residents, which contributes to healthy diets and food choices.</p> <p>Beyond access to nutrition and healthy foods, Nutrition North Canada is addressing issues of food security through policies that promote healthy and sustainable foods and food security systems in the North. These are composed of three critical elements that need to be addressed together: 1) affordable market food, 2) country /traditional food and, 3) locally produced food.</p> <p>To help improve food security for Northern residents in isolated communities, Nutrition</p>	<p>Starting point: 0% (2010-2011)</p> <p>Performance indicator: % of annual compliance/audit reports demonstrating that subsidies have been fully passed onto consumers by March 31, 2021.</p> <p>Target: 100%</p> <p>Starting point: 20,458,417 kg in 2010-2011</p> <p>Performance indicator: Quantity of subsidized foods (kg) per capita by subsidized food categories</p> <p>Target: Stable or increasing from the 2011 baseline year (20,458,417 kg in 2010-2011)</p> <p>Starting point: The average Revised Northern Food Basket cost in March 2010-2011 (\$426.48).</p>	<p>Nutrition North Canada</p>

Sustainable Food FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
			<p>North Canada has developed the Harvesters Support Grant in collaboration with Indigenous partners, which supports access to country food through hunting, harvesting and food sharing.</p> <p>Nutrition North Canada continues to subsidize market foods while supplementing the food system with traditional foods to enhance sustainable food and food systems in the North</p>	<p>Performance Indicator: Annual average cost of the Revised Northern Food Basket</p> <p>Target: At or below the baseline for the food basket, adjusted for inflation rate for food purchased in stores (Statistics Canada).</p>	
	Sustainable Food	Deliver the Harvesters Support Grant to eligible communities so that they can equip themselves for the harvesting of country foods in support of food sharing activities.	<p>FSDS: Sustainable Food - Harvesting and sharing of country foods in isolated communities is strengthened</p> <p>SDG 11: Sustainable Food</p>	<p>Starting point: 0 (March 2020)</p> <p>Performance indicator: Percentage of Nutrition North Canada communities with access to harvesting supports.</p> <p>Target 1: 70% of eligible communities have access to harvesting support by March 2020.</p> <p>Target 2: 100% of Land Claim Organizations and Self-Government Entities in receipt of grants by March 2020.</p>	Nutrition North Canada



Safe and Healthy Communities: All Canadians live in clean, sustainable communities that contribute to their health and well-being

Responsible Minister: Minister of Environment and Climate Change; Minister of Health

Safe and Healthy Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
<p>Actions supporting the Goal:</p> <p>Safe and Healthy Communities</p>	<p>Demonstrate leadership on assessing and remediating contaminated sites</p>	<ul style="list-style-type: none"> - Initiate the Northern Abandoned Mine Reclamation Program to manage eight abandoned mines in the Yukon and Northwest Territories - Manage the Department's portfolio of contaminated sites under the Federal Contaminated Sites Action Plan 	<p>FSDS: The management of contaminated sites will allow the Department to reduce or eliminate risks to human health and the environment.</p>	<p>Starting point: Actively managed sites includes sites undergoing planning, remediation or long-term monitoring activities. In a given year, the Northern Contaminated Sites Program is able to actively manage the majority of CIRNAC's high priority contaminated sites.</p> <p>Performance indicator: Percentage of high-priority contaminated sites that are actively managed.</p> <p>Target: 80%</p>	<p>Northern Contaminated Sites Program</p>
	<p>Provide information to inform action and decision-making</p>	<p>Continue research and monitoring related to contaminant levels and their effects in wildlife and people in the Canadian North as part of the Northern Contaminants Program efforts to reduce and, wherever possible, eliminate contaminants in traditionally harvested foods, while providing information that assists</p>	<p>FSDS: The data generated by the Northern Contaminants Program (NCP) is used to assess ecosystem and human health, and the findings of these assessments inform policy, resulting in action to eliminate contaminants from long-range sources. Specifically, this information supports action and decision-making by Northern health authorities, and under processes of the Arctic Council, the Minamata Convention on</p>	<p>Starting point: Publications, data models, reports and advice</p> <p>Performance indicator: Percentage of research, results and information that are made accessible annually.</p> <p>Target: 100%</p>	<p>The Northern Contaminants Program (NCP)</p> <p>Northern and Arctic Environmental Sustainability (NAES)</p>

Safe and Healthy Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
		individuals and communities to make informed decisions about their food use.	Mercury and the Stockholm Convention on Persistent Organic Pollutants. SDG: SDG 12: Responsible consumption and production Target 12.4		
	Better understand air pollutants and harmful substances	Continue research and monitoring related to contaminant levels and their effects in wildlife and people in the Canadian North as part of the Northern Contaminants Program efforts to reduce and, wherever possible, eliminate contaminants in traditionally harvested foods, while providing information that assists individuals and communities to make informed decisions about their food use.	FSDS: The Northern Contaminants Program (NCP) plays a particularly important role in generating scientific information on contaminants in the Arctic. NCP research results help in the development of associated long-term global monitoring and research programs. The NCP and its researchers work in an interdisciplinary approach and include natural and social sciences as well as community-based monitoring and Indigenous knowledge. NCP has been cultivating links with other Canadian Arctic science programs such as ArcticNet and Polar Knowledge Canada to promote coordination and cooperation. The NCP works with the northern regions through five Regional Contaminants Committees, and four Inuit Research Advisors to lead and participate in NCP-	Starting point: Monitoring systems in place to address priority issues in the North. Performance indicator: Percentage of long-term contaminant monitoring datasets maintained. Target: 100%	The Northern Contaminants Program (NCP) Northern and Arctic Environmental Sustainability (NAES)

Safe and Healthy Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
			funded research and communications initiatives. SDG: SDG 12: Responsible Consumption and Production Target 12.4		
	Take a leading role in international agreements and collaboration on chemicals management and transboundary air pollution	Continue, through the Northern Contaminants Program, to contribute data, information, leadership and expertise in support of international initiatives under the Arctic Council (e.g. the Arctic Monitoring and Assessment Programme), international agreements and their effectiveness evaluation (e.g. the Stockholm Convention on Persistent Organic Pollutants, the Minamata Convention on Mercury), and other initiatives aimed at efforts to reduce and, wherever possible, eliminate transboundary contaminants that make their way into northern food chains that include traditionally harvested foods.	FSDS: The Northern Contaminants Program (NCP) contributes scientific data to contaminants-related international agreements and assessments, helping to position Canada as an international leader in Arctic science. The data generated by the Northern Contaminants Program is used to assess ecosystem and human health, and the findings of these assessments inform policy, resulting in action to eliminate contaminants from long-range sources. Specifically, this information supports action and decision-making by Northern health authorities, and under processes of the Arctic Council, the Minamata Convention on Mercury and the Stockholm Convention on Persistent Organic Pollutants. SDG: SDG 12: Responsible consumption and production Target 12.4	Starting point: Efficient and effective monitoring systems in the North. Performance indicator: Percentage of data/information collected that is connected to broader, relevant observation systems. Target: 80%	The Northern Contaminants Program (NCP) Northern and Arctic Environmental Sustainability (NAES)

Safe and Healthy Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
	Safe and Healthy Communities	Identify priority science needs to improve the detection, sampling and analysis of plastics and microplastics in Arctic and Northern ecosystems, and establish baselines for long-term monitoring of trends, through the Northern Contaminants Program (NCP). These research and monitoring activities will contribute to Canada's Plastics Science Agenda (CaPSA), furthering our understanding of how plastics and microplastics are distributed and move through Arctic ecosystems. As plastics science advances, it will better inform policy development and improve the ability to track the effectiveness of actions taken.	<p>FSDS: Found in even the most remote environments, plastic and microplastic pollution is a global concern, although there is currently very limited Arctic data. The Northern Contaminants Program (NCP) has identified priority science needs to improve the detection, sampling and analysis of plastics in Arctic and Northern atmospheric, terrestrial, freshwater, and marine environments and wildlife. These research and monitoring activities will contribute to Canada's Plastics Science Agenda (CaPSA), furthering our understanding of how plastics and microplastics are distributed and move through Arctic ecosystems. As plastics science advances, it will better inform policy development and improve the ability to track the effectiveness of actions taken.</p> <p>SDG: SDG 12: Responsible consumption and production Target 12.4</p> <p>SDG 14: Conserve and sustainably use the oceans, seas and marine resources</p>	<p>Starting point: This is a new indicator, consistent with Canada's Plastics Science Agenda.</p> <p>Performance indicator: # of datasets established as baselines for long-term monitoring of plastic pollution in the North</p> <p>Target: 10</p>	<p>The Northern Contaminants Program (NCP)</p> <p>Northern and Arctic Environmental Sustainability (NAES)</p>

Safe and Healthy Communities FSDS target(s)	FSDS contributing action(s)	Corresponding departmental action(s)	Contribution by each departmental action to the FSDS goal and target	Starting point(s) Performance indicator(s) Target(s)	Program(s) in which the departmental actions will occur
			Target 14.1		

Section 4. Integrating sustainable development

As part of CIRNAC's effort to contribute to Canada's FSDS, the Department has established goals and targets and is identifying actions to support sustainable development priorities, which have been identified on national and international levels. Part of this effort includes CIRNAC's consideration of sustainable development and environmental risks in the development of policies, programs, plans and reports. The commitments made in this strategy align with the Departmental Plan and will be aligned to the upcoming Departmental Results Report and Program Information Profiles.

CIRNAC will continue to ensure that its decision-making process includes consideration of FSDS goals and targets through the Strategic Environmental Assessment (SEA) process. In accordance with the Cabinet Directive on Environmental Assessment of Policy, Plan and Program Proposals, the Department will continue to ensure that all proposals submitted to the Department for approval include a preliminary scan and, if required, a SEA. A SEA for policy, plan or program proposals includes an analysis of the impacts of the given proposal on the environment, including on FSDS goals and targets.

Presently, CIRNAC provides guidance to the proposal leads about the application of the SEA process and requirements of the Cabinet Directive on the Environmental Assessment of Policy, Plan and Program Proposals, and further efforts are being taken to strengthen and enhance this function within the Department to support the success of the 2020-2023 DSFS. CIRNAC defines a proposal as a memorandum to Cabinet, a Treasury Board Submission, a regulatory proposal, memoranda to the Minister that are seeking concurrence and any other strategic document seeking Ministerial or Cabinet approval.

Statements on the results of CIRNAC's assessments are made public when an initiative has undergone a detailed SEA (see [here](#)). The purpose of the public statement is to demonstrate that the environmental effects, including the impacts on achieving the FSDS goals and targets, of the approved policy, plan or program have been considered during proposal development and decision-making.