



# THE FEDERAL SUSTAINABLE DEVELOPMENT STRATEGY



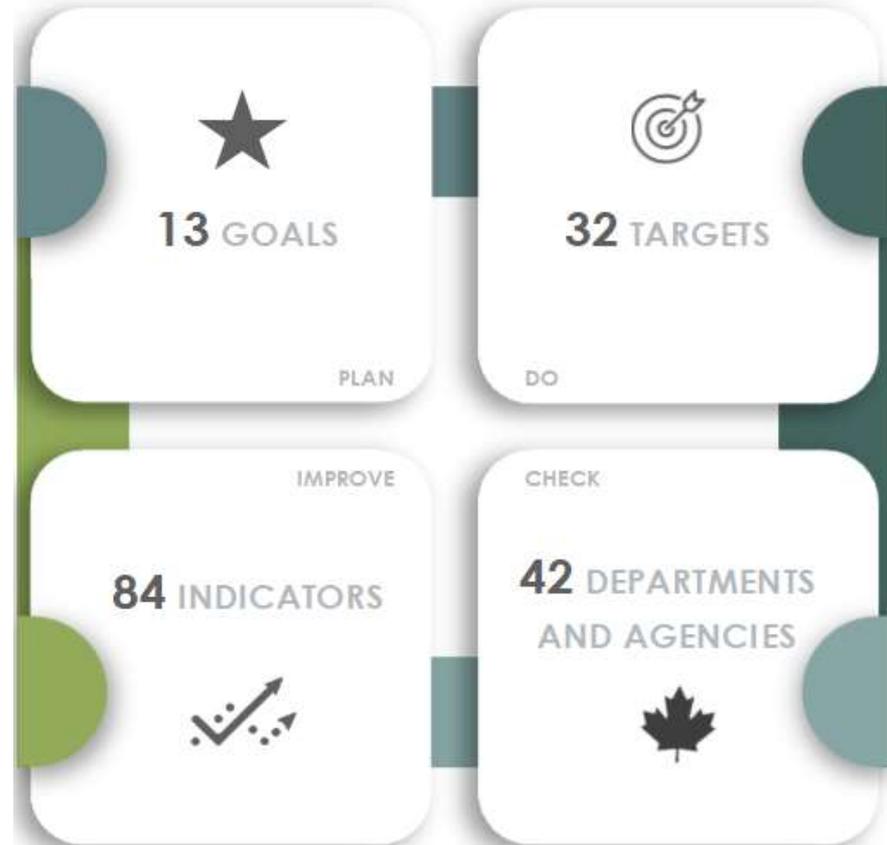
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# About the strategy

- Required by the *Federal Sustainable Development Act*
- Supports transparency and accountability
- Provides a whole-of-government view of environmental sustainability
- Every 3 years, the Minister of Environment and Climate Change must:
  - consult for 120 days
  - table a strategy
  - table a progress report



# The 2019–2022 FSDS

- Maintains the 13 aspirational goals presented in the 2016–2019 FSDS
- Adds targets to reflect new initiatives and public input
- Updates short-term milestones
- Strengthens linkages to the SDGs of the 2030 Agenda
- Maintains a strong focus on the role of partners and Canadians



# The 2019–2022 FSDS



Effective action on climate change



Greening government



Clean growth



Modern and resilient infrastructure



Clean energy



Healthy coasts and oceans



Pristine lakes and rivers



Sustainably managed lands and forests



Healthy wildlife populations



Clean drinking water



Sustainable food



Connecting Canadians with nature



Safe and healthy communities

32<sup>4</sup> Medium term targets

42 Federal organizations

# Factors that shape the strategy

- Public consultations, including comments from:
  - Provincial, territorial, and Indigenous governments
  - Businesses and non-governmental organizations
  - Parliamentary committees
  - The Commissioner of the Environment and Sustainable Development
  - The Sustainable Development Advisory Council
  - Individual Canadians
- Government priorities, including implementing the UN 2030 Agenda on Sustainable Development

FEDERAL SUSTAINABLE DEVELOPMENT STRATEGY  
**PUBLIC CONSULTATION 2018-2019**



**120** DAYS OF CONSULTATION

**250 000+**

PEOPLE

**500** CITIES



**40+** **1 000+**  
ATTENDEES

PRESENTATIONS AND WEBINARS

**WE HEARD FROM**

Provinces, territories & municipalities

Indigenous peoples

Business and industry associations

Environmental NGOs & not-for-profits

Academia

General public



**500+** COMMENTS

**CHANNELS**



e-Strategy

56%



Email

26%



"Get Involved"

16%



Advisory Council

2%

# What we heard: Canadians' sustainable development priorities

- Urgent action on climate change
- Renewable energy with a just transition for workers
- Zero-emission vehicles
- Awareness and education
- Balancing economic growth and ecological protection
- Linking agriculture, land use and human health
- Conserving ecosystems
- Sustainable urban planning
- Water management
- Support for reconciliation
- Advancing the circular economy



# What we heard: suggestions for improvement

- More ambitious targets informed by the principle of intergenerational equity
- Increased coverage of the 2030 Agenda Sustainable Development Goals
- Better address the social and economic dimensions of sustainable development
- Implement amendments to the *Federal Sustainable Development Act*
- Greater transparency and accountability

# What we did

- Added a target on zero-emission vehicles
- Revised our Sustainable Food goal to highlight action on competitiveness and health
- Strengthened targets across the FSDS
- Expanded the suite of indicators and performance measures used to track progress
- Clarified linkages between targets, indicators and action plans



# Supporting the UN 2030 Agenda

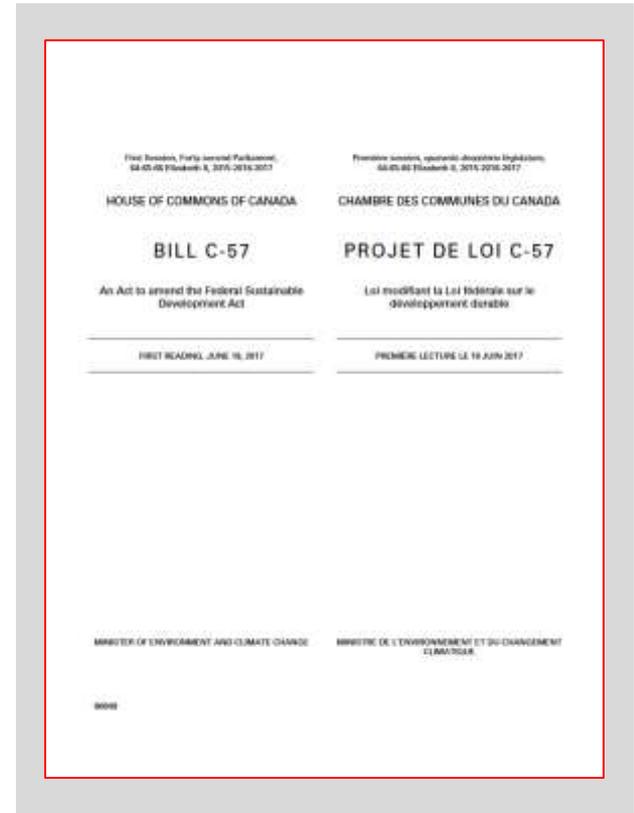
- Canada is committed to implementing the 2030 Agenda for Sustainable Development, including the 17 SDGs
- The 13 FSDS goals are a Canadian reflection of 12 environmentally-focused SDGs



The 2019–2022 FSDS strengthens connection to the 2030 Agenda, including through direct links between FSDS and SDG targets

# Amending the *Federal Sustainable Development Act*

- An Act to Amend the *Federal Sustainable Development Act* comes into force on December 1, 2020. It will:
  - expand the number of federal organizations that prepare sustainable development strategies to more than 90
  - promote close collaboration and coordinated action across government
  - set a higher bar for transparency with improved reporting and oversight
  - support an ongoing conversation with Indigenous peoples and all Canadians, respecting diversity and gender parity



# Measuring progress

an important part of transparency

- Performance measurement is an essential part of our sustainable development approach
  - Expectations for specific, measurable and ambitious targets
    - Ensure indicators are appropriate for determining progress and not just broad performance measures.
    - Include baseline data and trends
  - Indicators used to measure and report on progress are largely drawn from the Canadian Environmental Sustainability Indicators (CESI) program
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# CESI Program

Prime vehicle for informing progress on the FSDS

- Integrated federal reporting vehicle providing indicators and information on key Canadian environmental issues
- Provides information at the national and, where possible, regional, local and international levels
- Information is publicly released on CESI web portal – the lead Government of Canada portal providing environmental indicators and information



## **Environmental indicators**

Environmental indicators on air, climate, water, nature, and human influence.

## **Services and information**

### About environmental indicators

The Canadian Environmental Sustainability Indicators (CESI) program.

### Air indicators

Air quality, air pollutant emissions, harmful substances, impacts to human health caused by pollution.

### Water indicators

Water quality and quantity, pressures on water quality, regional ecosystems.

### Socio-economic indicators

Pollution and waste, natural resource protection and use, human health and the environment.

### Latest environmental indicators

Recent releases by the Canadian Environmental Sustainability Indicators program.

### Climate indicators

Climate change, greenhouse gas emissions.

### Wildlife and habitat indicators

Biodiversity, habitat, ecosystem health, biological resources.

### Indicators supporting the Federal Sustainable Development Strategy

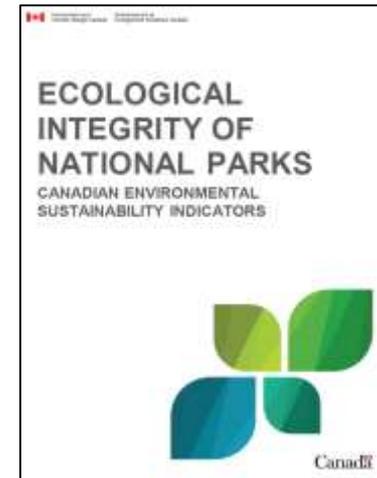
Indicators supporting the 2019 to 2022 Federal Sustainable Development Strategy.

# Transparent methods and results, publicly available

Accessible to the general public



Results and Data sources and methods



Available for download through Open Data

National freshwater quality indicator change between 2003-2005 and 2010-2012, Canada: Historic histograms					
Sampling period	Poor (percentage of sites)	Marginal (percentage of sites)	Fair (percentage of sites)	Good (percentage of sites)	Excellent (percentage of sites)
2003-2005	3	25	38	30	4
2004-2006	4	23	35	32	6
2005-2007	5	20	34	33	8
2006-2008	5	18	35	33	5
2007-2009	5	17	41	29	5
2008-2010	2	18	40	33	7
2009-2011	3	22	32	35	8
2010-2012	3	19	38	33	7

[Download data file \(Excel/CSV\): 7](#)

Interactive maps with local data



# CEI supporting the 2019 to 2022 FSDS

## Effective action on climate change

- Greenhouse gas emissions
- Greenhouse gas intensity
- Greenhouse gas emissions by economic sector
- Progress towards Canada's greenhouse gas emissions reduction target
- Temperature change
- Snow cover
- Arctic sea ice

## Greening government

- Progress towards Canada's greenhouse gas emissions reduction target
- Solid waste diversion and disposal

## Healthy coasts and oceans

- Canada's conserved areas (marine)
- Sustainable fish harvest
- Shellfish harvest area quality
- Status of major fish stocks
- Marine pollution spills
- Monitoring disposal at sea
- Eelgrass sites and trends (in development)

## Pristine lakes and rivers

- Phosphorus loading in Lake Erie (in development)
- Nutrients in Lake Winnipeg
- Phosphorus levels in the offshore waters of the Great Lakes
- Nutrients in the St. Lawrence River
- Restoring the Great Lakes Areas of Concern
- Water quality in Canadian rivers
- Water quantity in Canadian rivers
- Metal mining effluent quality
- Pulp and paper effluent quality

## Sustainably managed lands and forests

- Canada's conserved areas (terrestrial)
- Ecological integrity of national parks
- Sustainability of timber harvest
- Extent of Canada's wetland
- Land use change (in development)

## Healthy wildlife populations

- Species at risk population trends
- Status of wild species
- Population status of Canada's migratory birds
- Changes in the status of wildlife species at risk

## Clean drinking water

- Number of long term drinking water advisories affecting First Nations drinking water systems
- Drinking water advisories in Canada

## Sustainable food

- Management of Canada's aquaculture
- Wildlife habitat capacity on agricultural land

## Safe and healthy communities

- Air pollutant emissions
- Population exposure to outdoor air pollution (in development)
- Air Health Trend Indicator
- Air quality
- Human exposure to harmful substances
- PBDE in fish and sediment
- PFOS in fish and water
- Release of harmful substances to water
- Emissions of harmful substances to air

### **Legend:**

Indicator measuring progress toward the target  
Complementary contextual indicator

# For more information or to contact us

To contact the Sustainable Development Office:  
[ec.bdd-sdo.ec@canada.ca](mailto:ec.bdd-sdo.ec@canada.ca)

- [2019–2022 Federal Sustainable Development Strategy](#)
- [Get involved](#)
- [2018 FSDS Progress Report](#)
- [Canadian Environmental Sustainability Indicators](#)
- [\*The Federal Sustainable Development Act\*](#)
- [\*An Act to amend the Federal Sustainable Development Act\*](#)