



Government of Canada

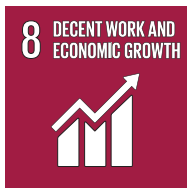
Gouvernement du Canada

SUSTAINABLE DEVELOPMENT GOALS

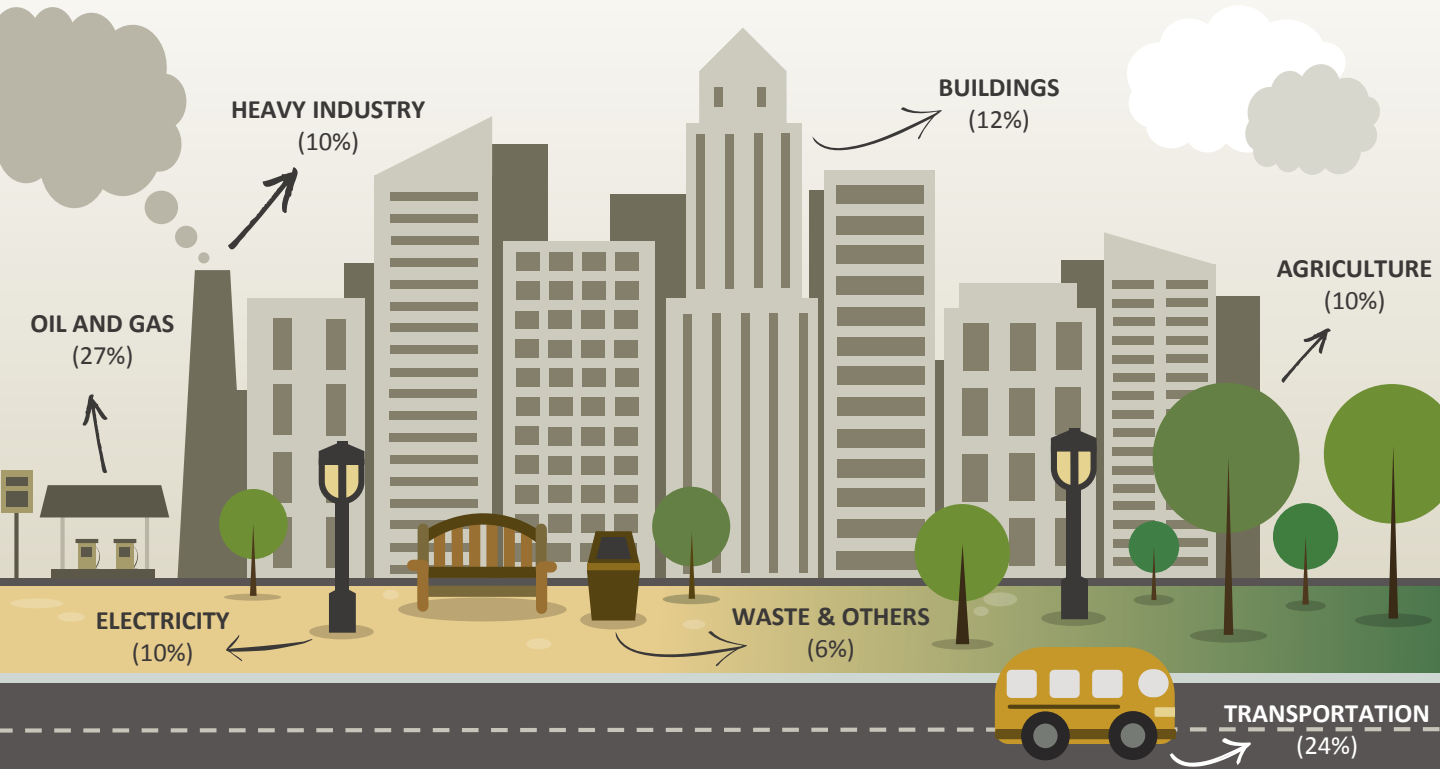
# Agenda 2030 Sustainable Development Goals Report

# 13 CLIMATE ACTION

## GOAL 13 CLIMATE ACTION



## IN 2017, CANADA'S TOTAL GREENHOUSE GAS EMISSIONS WERE 716 MEGATONNES OF CARBON DIOXIDE EQUIVALENT (MT CO<sub>2</sub> EQ)



### CANADA WAS AMONG THE TOP COUNTRIES FOR GHG EMISSIONS INTENSITY AT 19.5 TONNES PER CAPITA IN 2017



THIS IS ENOUGH TO POWER **13 HOMES** WITH ELECTRICITY FOR ONE YEAR



THIS IS THE SAME AS CONSUMING **8,307 LITRES** OF GASOLINE IN ONE YEAR

Note: This measure of emissions per capita includes total GHG emissions in Canada, including GHG emissions related to the production of energy (such as oil) that is exported.

Sources: Environment and Climate Change Canada, *National Inventory Report 1990-2017: Greenhouse Gas Sources and Sink in Canada, Executive Summary 2019* and *Environmental Indicators*; Natural Resources Canada, *Greenhouse Gas Equivalencies Calculator*.

### COMMUNITY SPOTLIGHT

**TREE CANADA** is a non-profit organization dedicated to improving the lives of Canadians by planting and nurturing trees. Through their programs, research and educational efforts, they have helped restore tree cover in areas hit by natural disasters, guided communities in managing their urban forests, helped green 660 schoolyards and organized urban forest conferences. To date, with the community partners and sponsors, they have planted more than 82 million trees.  
Source: <https://www.treecanada.ca/>.

## EFFECTS OF CLIMATE CHANGE IN CANADA



#### TEMPERATURE

SEVEN OF CANADA'S TOP TEN WARMEST YEARS HAVE OCCURRED SINCE 2000



#### PRECIPITATION

ANNUAL RAINFALL HAS INCREASED WITH 2005 BEING CANADA'S WETTEST YEAR ON RECORD



#### SEA ICE AREA

SUMMER SEA ICE IS DECREASING BY NEARLY 7.0% PER DECADE SINCE 1968



#### SNOW COVER

SNOW COVER EXTENT DECREASED AT A RATE OF 5% TO 10% PER DECADE SINCE 1981



#### HEALTH

ANNUAL LYME DISEASES CASES INCREASED BY MORE THAN TEN-FOLD FROM 114 IN 2009 TO 1,638 IN 2017

Sources: Environment and Climate Change Canada, *Environmental Indicators* and *Canada's Changing Climate Report* and Public Health Agency of Canada, *Notifiable Disease Charts – Notifiable Diseases On-Line*.

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## How to obtain more information

For information about this product or the wide range of services and data available from Statistics Canada, visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca).

You can also contact us by

**Email at** [STATCAN.infostats-infostats.STATCAN@canada.ca](mailto:STATCAN.infostats-infostats.STATCAN@canada.ca)

**Telephone**, from Monday to Friday, 8:30 a.m. to 4:30 p.m., at the following numbers:

- |   |                |
|---|----------------|
| • Statistical Information Service                             | 1-800-263-1136 |
| • National telecommunications device for the hearing impaired | 1-800-363-7629 |
| • Fax line  | 1-514-283-9350 |

### Depository Services Program

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|------------------|----------------|
| • Inquiries line | 1-800-635-7943 |
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