



# ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL

## CANADIAN ENERGY USE

Energy consumption **increased 3%** between 2020 and 2021

Energy use remains **8% lower** than in 2019, before the COVID-19 pandemic

**20% increase** in savings from 2020/21 due to adoption of energy efficiency practices in 2021/22, bringing Canada to **13%** of the **2030 target**



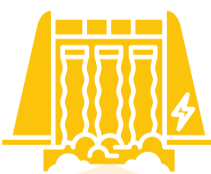
The **main sources of energy consumed** in Canada in 2021 were...



Natural Gas  
**38%**



Refined Petroleum  
**35%**



Hydro & Nuclear  
**24%**

## ELECTRICITY GENERATED BY RENEWABLE OR NON-GHG EMITTING<sup>1</sup> SOURCES IN 2021

**81%** of total electricity generated



**61%** Hydraulic turbines  
**14%** Nuclear steam turbines  
**6%** Wind turbines

Solar and other methods contributed **<1%**



**BC, MB, NL, ON, PE, QC** generated **over 90%** of their electricity from renewable or non-GHG emitting sources

## COMMUNITY SPOTLIGHT envirocentre

**EnviroCentre** works to help the city of Ottawa achieve its climate targets through programs that help individuals, organizations and communities **reduce their energy consumption**.



2015 → 2020

**2,246** home energy assessments

**1,123** homes retrofitted



2015 → 2021

**Let's Bike Ottawa** campaign with **22,702** participants

**2,606,560** kms logged

Averted **509** tonnes of GHG<sup>2</sup>

<sup>1</sup> Renewable or non-greenhouse gas (GHG) emitting electricity includes electricity generated from hydraulic turbines, solar, tidal power turbines, wind power turbines, nuclear steam turbines, and other types of renewable or non-GHG emitting sources. Electricity generated from biomass is not included.

<sup>2</sup> Based on 0.255 kg of GHG emissions per kilometre.

Sources: Statistics Canada, Table 25-10-0029-01, Supply and demand of primary and secondary energy in terajoules, annual. Statistics Canada, Annual Electricity Supply and Disposition Survey, 2021. Natural Resources Canada, Departmental Results Report, 2021-22. Envirocentre, 2022.

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