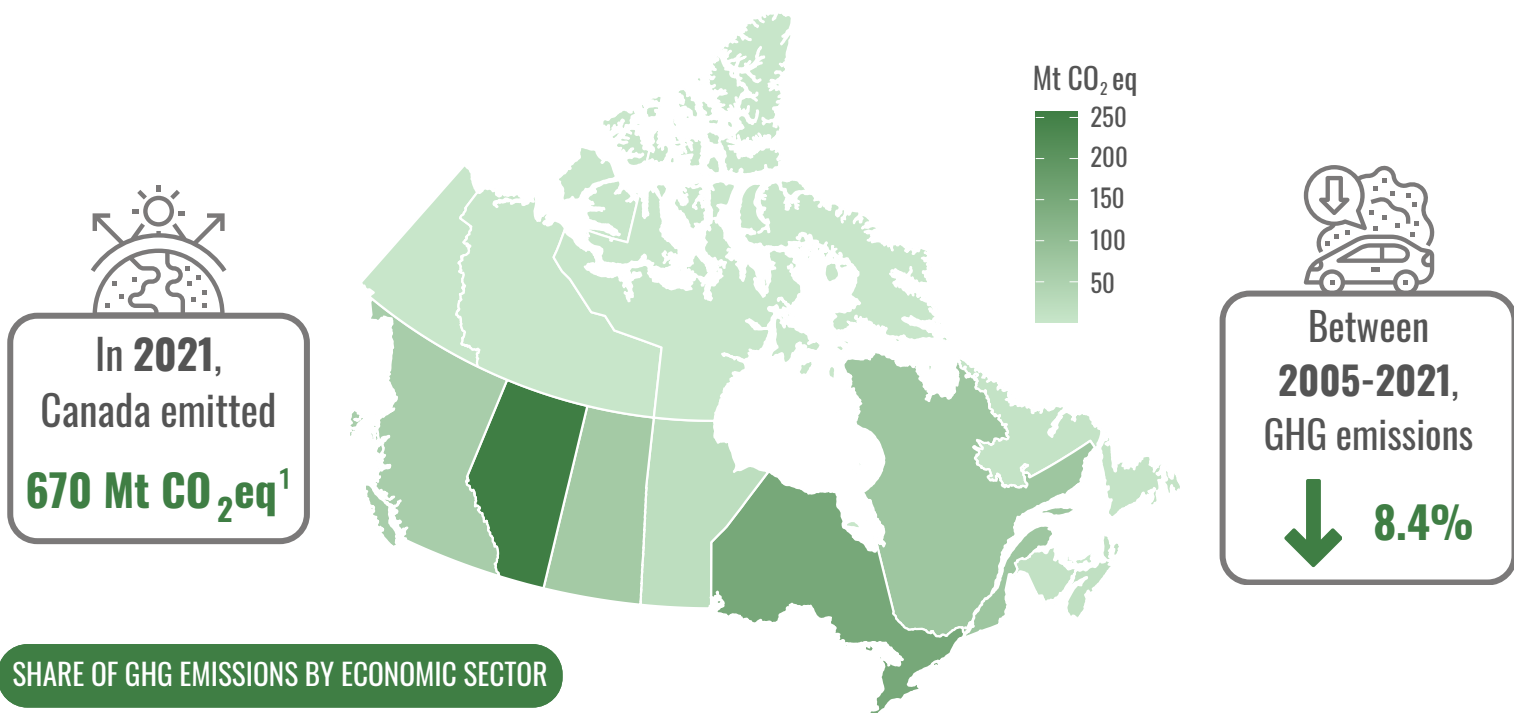


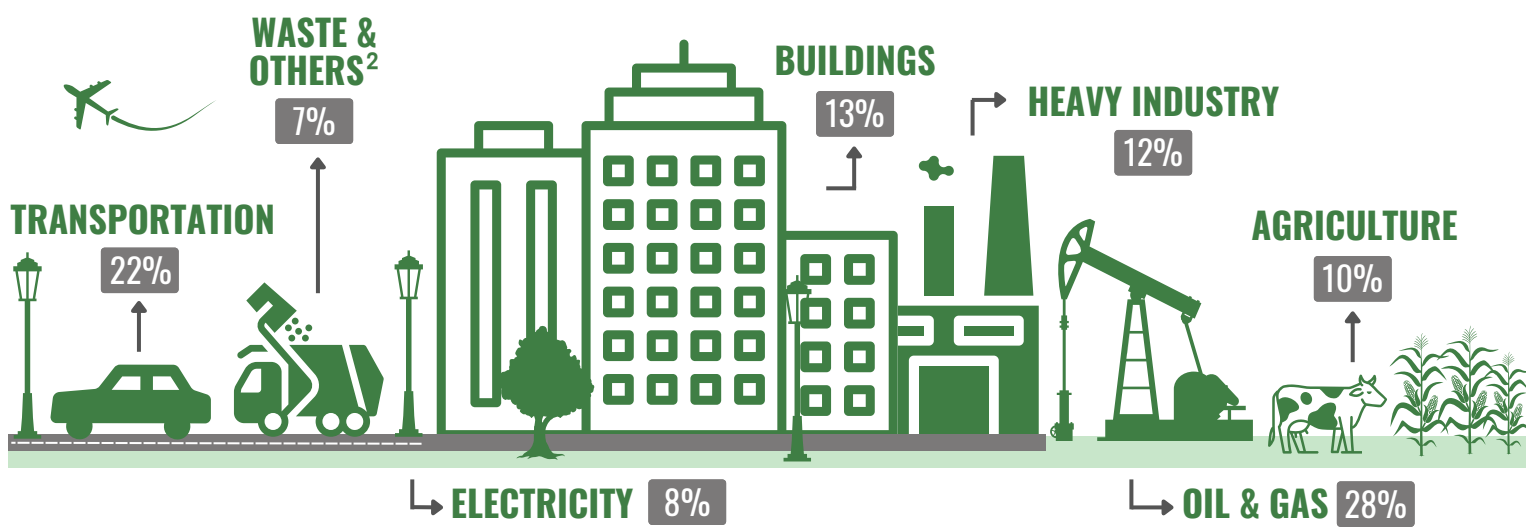


TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

GREENHOUSE GAS (GHG) EMISSIONS IN 2021



SHARE OF GHG EMISSIONS BY ECONOMIC SECTOR



In 2020, almost **60%**



of government organizations factored

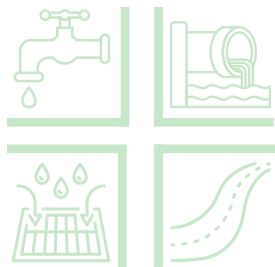
climate change adaptation

into their decision-making process related to

at least

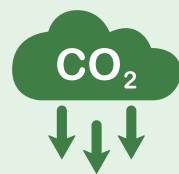
one core public infrastructure

up from 51% in 2018



Between 2005-2021, GHG emissions **per capita decreased 23%** in Canada

22.7 t CO₂ eq/capita [2005]



17.5 t CO₂ eq/capita [2021]

COMMUNITY SPOTLIGHT



FARMERS FOR CLIMATE SOLUTIONS

Farmers for Climate Solutions is a national, **farmer-led** coalition that advances policies and programs to support Canadian farmers to **reduce emissions** and **build resilience** in the face of climate change

Farm Resilience Mentorship Program (FaRM): gives farmers the tools they need to adopt Advanced Nitrogen Management, Cover Cropping, and Advanced Grazing Systems

FaRM has currently trained over **6,715 farmers** across **5.5 million acres**



These practices have an emissions reduction potential of **5 Mt CO₂** by 2030

¹ Megatonnes of carbon dioxide equivalent (Mt CO₂ eq) is used to compare the emissions of various greenhouse gases (CO₂, methane, nitrous oxide, etc.) on the basis of their global-warming potential, by converting amounts of other gases to the equivalent amount of carbon dioxide with the same warming potential. Totals for Canada's GHG emissions by economic sector may not add up due to rounding.

² Waste and others includes solid waste, wastewater, waste incineration, coal production, light manufacturing, construction, and forest resources.

Sources: Environment and Climate Change Canada, Canadian Environmental Sustainability Indicators, Greenhouse gas emissions indicators. Statistics Canada, Canada's Core Public Infrastructure Survey, 2020. Farmers for Climate Solutions, 2023.

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