

THE IMPLEMENTATION PLAN: UNPARALLELED RESOURCES

A 2021-2026 implementation plan with concrete actions and a budget of \$6.7B

Key measures – Transportation electrification

- ▶ Roulez vert Program and charging stations (\$1,306,5M).
- ▶ Electrification of school buses (\$350M), truck, rail and maritime transport (\$265M), city and intercity buses (\$276M) and taxis (\$11.5M).
- ▶ Other support measures for public, active and shared transportation (\$1,383M).

Key measures – Greener and more competitive industries

- ▶ Aid for energy efficiency and conversion (\$629,2M).
- ▶ Call for projects from major emitters (\$90M).
- ▶ GHG reduction and carbon sequestration R&D (\$48.7M).

Key measures – Decarbonizing buildings

- ▶ Conversion of residential buildings (\$134.5M), commercial and institutional buildings (\$113.4M) to electricity.
- ▶ Support for conversion to electricity bi-energy (\$125M).
- ▶ Aid for converting off-grid communities (\$25M).

Key measures – Sector development

- ▶ Natural renewable gas production and distribution (\$212M).
- ▶ Green hydrogen and bioenergy innovation (\$47.9M).
- ▶ Fostering the development of innovative products in the electric vehicle industry (\$30M).
- ▶ Support for the battery recycling (\$20M).

Key measures – Adaptation

- ▶ Greening and other measures to reduce heat islands (\$111,3M).
- ▶ Flood risk prevention (\$120.5M).
- ▶ Reducing the risk of coastal erosion and landslides (\$75.6M).

Additional measures of interest

- ▶ Indigenous community leadership in climate transition (\$19.2M).
- ▶ International mobilization and cooperation.
- ▶ Afforestation and reforestation (\$88.3M).
- ▶ Access to the three-phase grid (\$14,1M).

A WIN-WIN FOR QUÉBEC AND THE PLANET.

2030 Plan for a
Green Economy 

BACKGROUND

Québec has committed to a reduction of its greenhouse gas emissions by 37.5% below 1990 levels by 2030. Yet between 1990 and 2017, Québec's GHG emissions dropped by only 9%.

We have the lowest GHG emission rate per capita among Canadian provinces and U.S. states: 9.5 tonnes per capita. The main GHG-emitting sectors in Québec are transportation, which accounts for 43% of emissions, and industries (31%).

Our electricity production is 99% clean.

There is a social consensus: The vast majority of Quebecers believe that action is urgently needed to deal with the climate crisis, but we must take this opportunity to commit to climate transition and plan a green economic recovery.

VISION

Make the fight against climate change a major lever for economic development and international influence.

2030 PLAN FOR A GREEN ECONOMY

This policy framework will guide our actions to achieve Québec's climate goals and targets over the next 10 years.

1. ELECTRIFY OUR ECONOMY

We intend to gradually replace our consumption of imported fossil fuels with Québec-produced green energy. Let's build on our major strength: hydroelectricity.

2. INNOVATE BY BUILDING THE ECONOMY OF TOMORROW

We want Québec to be the battery of Northeastern America. To achieve this, we will support our industrial sectors, including the battery sector, from lithium mining to battery assembly and including research and development.

3. ADAPT TO CLIMATE CHANGE

Community health, well-being and security, infrastructure resilience and the economy will be the central features of our action to prevent the dangers stemming from climate change. We will also promote sustainable land use in partnership with municipalities.

4. COLLABORATE: WORK TOGETHER TO MAKE OUR CLIMATE TRANSITION A SUCCESS

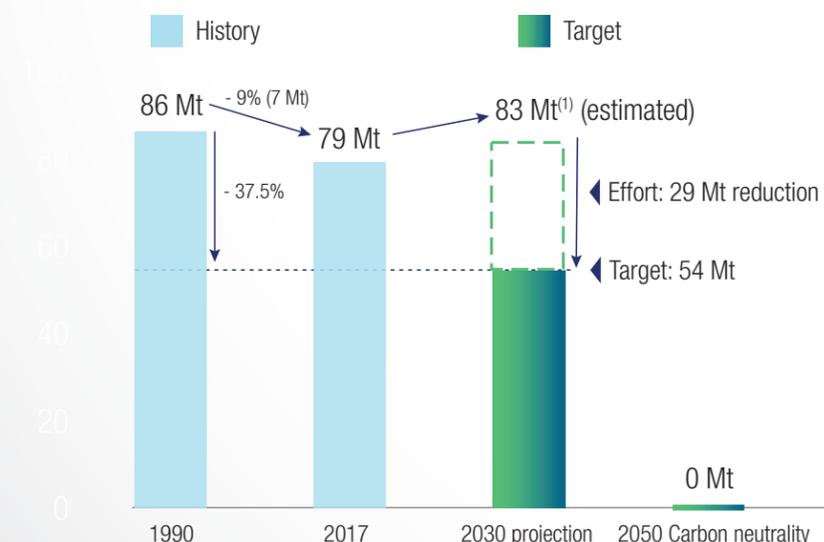
The fight against climate change is a shared responsibility. Governments, businesses, municipalities, Aboriginal communities and citizens must work together if we are to achieve our goal.

LET'S BE THE BATTERY OF NORTHEASTERN AMERICA!

The government has a plan for building the economy of tomorrow: innovative, low-carbon, resilient and competitive. Make Québec a leader in green energy while developing and exporting our know-how and expertise.

THE PLAN'S MAIN NUMERICAL TARGETS

- ▶ Reduce GHG emissions by **37.5%** below 1990 levels by 2030.
- ▶ Achieve **carbon neutrality** by 2050.
- ▶ Have **1.5 million** electric vehicles on the road in Québec by 2030.
- ▶ **No** sales of new gasoline-powered vehicles as of 2035.
- ▶ **55%** of city buses and **65%** of school buses electrified by 2030.
- ▶ **100%** of governmental cars, SUVs, vans and minivans and **25%** of pickup trucks electrified in 2030.
- ▶ **15%** ethanol in gasoline by 2025 and **10 %** in biodiesel by 2030.
- ▶ **50%** reduction of emissions related to heating for buildings by 2030.
- ▶ **60%** reduction in emissions from government buildings by 2030.
- ▶ **10%** renewable natural gas (RNG) in the network in 2030.
- ▶ **50%** increase in bioenergy production by 2030.
- ▶ **70%** of off-grid systems energy supply from renewable sources by 2025.



- ▶ Achieving the 37.5% reduction target thus represents a reduction effort of 29 million tonnes of CO₂ equivalent by 2030.
- ▶ By including the carbon market's impact, the 2021-2026 Implementation Plan could result in reductions of approximately 12 million tonnes of CO₂ equivalent in Québec within this timeframe, i.e., about 42% of the effort required.
- ▶ These reductions do not take into account the initiatives of other stakeholders such as the federal government and municipal sector.
- ▶ Reductions will increase over the years thanks to, among other things, the addition of new actions or the improvement of those already planned, technological developments and changing lifestyles.

Notes: Estimates are based on information available as of February 2020.

For more details on projected emissions in 2030 without additional action, see the booklet published by the Ministère des Finances du Québec entitled *Building a Green Economy—Budget 2020–2021*, p. 11.

(1) This projected greenhouse gas emission scenario is based on true economic data from 2017 to 2019 and the economic forecast for the following years as set out in the 2020–2021 budget. It excludes the effects of the carbon market and measures in the 2021–2026 implementation plan of the **2030 Plan for a Green Economy**. The scenario takes a number of factors into account, including technological advancement, improved energy efficiency and pricing evolution in the economy.

Sources : Ministère de l'Environnement et de la Lutte contre les changements climatiques and Ministère des Finances du Québec.