

## Inspiring leadership: example-setting by the government

By setting an example and encouraging municipalities to adopt their own initiatives, the Government of Québec will plot the course of the energy transition. It will incorporate this transition into each of its actions by giving priority to renewable energy use in its organizational culture and staying on the cutting edge of best energy management practices.

## First Nations

First Nations are mobilized, with all the actors, around energy issues. The master plan lays the foundations for cooperation in implementing measures adapted to their needs and improving the well-being of their communities.

## Effective features of the master plan

Flexible, impactful  
regulation

Leveraged,  
diversified funding

Support for innovation,  
development  
and knowledge  
sharing

Actions to raise  
awareness, promote  
and educate

A structured  
and improved range  
of services

Stronger  
governance and vision

**The energy transition** refers to the gradual abandonment of fossil fuel energy in favour of various forms of renewable energy.

It also refers to changes in behaviour in the interest of eliminating excess energy consumption and waste and creating a culture of energy efficiency.

# 2018-2023 energy transition, innovation and efficiency master plan /overview

**Joining forces for  
a sustainable energy future**

Québec 

[plandirecteur.teq.gouv.qc.ca](http://plandirecteur.teq.gouv.qc.ca)

Legal deposit  
Bibliothèque et Archives nationales du Québec, 2018  
Library and Archives Canada, 2018

ISBN 978-2-550-81328-6 (Print)  
ISBN 978-2-550-81329-3 (PDF)

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on fait avancer le Québec

Québec 

# the future starts here

## Targets for 2023

- > Improve the average energy efficiency of Québec society by 1% per year
- > Reduce total petroleum product consumption by at least 5% compared to the 2013 level

## To achieve this, it will take ...

- > a collective effort by all actors  
TEQ • Ministries and governmental organisations  
Energy distributors • Businesses • Citizens • Institutions  
Municipalities • First Nations
- > 225 measures over five years
- > More than \$6 billion in investments
- > 15 roadmaps to reach the objectives by 2030

## Expected results

- > Improve the average energy efficiency of Québec society by 1.2% per year
- > Reduce total petroleum product consumption by 12% compared to the 2013 level

## Vision 2030

By pursuing its energy transition with ingenuity and responsible behaviour, Québec will reach its goal of meeting the vast majority of its needs with renewable energy in 2030 and be able to provide green energy solutions to other regions of the world that seek them. In doing so, it will also meet the objectives of decarbonizing its economy.

2018/23  
Master Plan 1

2023/28  
Master Plan 2

2028/33  
Master Plan 3

## Reasons why this master plan is unlike any other

- **It is based on the socioeconomic, energy and environmental situation in Québec**  
The plan factors in Québec's huge renewable energy potential and energy-intensive industries. Its aims are not only to improve the quality of life of Québec's citizens and strengthen the protection of the environment, but also to foster optimal socioeconomic development.
- **It lays the foundations for the energy transition**  
The government plots the course and determines the destination for each sector. Its master plan sets the pace with appropriate measures that will enable Québec to achieve its energy targets.
- **It is progressive and prospective**  
During the 2018–2023 period, subsequent master plans will be prepared and innovative solutions will be developed to achieve the next targets.
- **It is irreversible**  
In 2023, for the first time ever, more than half of Québec's energy needs will be met by renewable energy sources. This is a point of no return in Québec's energy transition that should allow us to gradually eliminate oil from our energy balance by 2050.
- **It encourages consensus and draws on combined strengths**  
This plan is the product of cooperation between Transition énergétique Québec, ministries and governmental organisations, and energy distributors, but was also subject to an extensive public consultation, and requires the active participation of all actors involved in the energy transition.

# Areas for action

### Land use planning

- > Create suitable urban structures to develop public transportation and active transportation
- > Internalize development costs for optimal land use

### Public and individual transportation

- > Propose options for replacing solo driving
- > Encourage businesses and institutions to offer sustainable mobility solutions to their employees
- > Focus on economic tools to better manage the demand in the transportation sector
- > Advance the use of energy with a lower carbon footprint and use vehicles more efficiently

### Freight transportation

- > Improve the supply chains for freight transportation and service delivery
- > Advance the use of energy with a lower carbon footprint and use vehicles more efficiently

### Industry

- > Promote the competitiveness of Québec's industrial companies
- > Assist industrial companies with energy management and data analysis
- > Maximize the energy efficiency gains of industrial companies and their use of renewable or other energies that emit less GHGs

### Residential buildings

- > Standardize and regulate the energy efficiency of residential buildings
- > Review and improve the range of services offered in the sector
- > Replace fossil fuels with renewable energies
- > Support innovation in energy efficiency, production and renewable energy consumption
- > Structure the energy transition for the long term

### Commercial and institutional buildings

- > Improve energy management practices in CI buildings
- > Provide a range of programs that meet the needs of the various clients in the sector
- > Standardize and regulate energy efficiency
- > Encourage sustainable building

### Off-the-grid power systems

- > Increase research and development
- > Integrate renewable energy into thermal power plants that produce electricity in off-the-grid systems
- > Step up energy efficiency efforts

### Bioenergy

- > Devise a bioenergy development plan for Québec
- > Continue, adapt and improve support measures to stimulate the various bioenergy chains
- > Promote and increase bioenergy consumption

### Innovation

- > Coordinate the actions of the various actors
- > Maximize the impacts of public and private investments
- > Structure, improve and share knowledge related to the entire innovation chain

## General guidelines for action until 2030

- Recognize energy efficiency as a priority energy source
- Reduce Québec's dependence on petroleum products
- Provide strong support for innovation in the energy sector
- Develop the full potential of renewable energies
- Strengthen the governance and accountability of the government
- Support economic development