

Québec's energy transition

the future starts here

Our role in Québec's energy transition

coordinate the implementation of all the programs and measures required to meet the energy targets set out by the Government of Québec in the 2030 Energy Policy

support, encourage, and promote energy transition, innovation and efficiency

elaborate and implement **energy transition master plans**

general guidelines

- > 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
- > Support economic development
- > Strengthen the governance and accountability of the government

areas for action

- > Public, individual and freight transportation
- > Residential, commercial and institutional buildings
- > Industry
- > Bioenergy
- > Innovation
- > Off-grid power systems
- > Land use

coaching service

Encourage greater participation in the energy transition:

- > Simplify programs and administrative procedures
- > Help customers better understand available programs and assist them with their projects

financing

- > Fonds d'électrification et de changements climatiques
 - Derived from the carbon market, serves to finance GHG emission reduction measures
- > Contribution from utilities
 - Royalties from energy utilities, serve to finance energy efficiency measures
- > Other sources from financial partners

The Energy Transition Master Plan

15 roadmaps
225 measures

+

more than \$6 billion in investments

+

a collective effort by all actors

Energy Transition Programs

- Clientele**
- > All energy consumers in all industry segments
 - > All stakeholders involved in energy transition

CHAUFFEZ VERT

Conversion of heating systems to renewable energy

Fonds vert (Green Fund)

Performance indicators	Cumulative
Residential (2013-2020)	
Number of participants	26,299
GHG emission reduction (CO ₂ tonnes equivalent/year)	199,467
Financial assistance (M\$)	31.2
Commercial, institutional and industrial (2018-2020)	
Number of participants	45
GHG emission reduction (CO ₂ tonnes equivalent/year)	484.3
Financial assistance (\$)	310,538

RÉNOCLIMAT

Home renovations to improve energy performance

Contribution from energy utilities

Performance indicators 2007-2020	Cumulative
Number of participants (achieved visits - E visits)	157,322
Energy savings (GJ/year)	2,540,684
Financial assistance (M\$)	200.3

ÉCONOLOGIS

Free services to improve energy efficiency of homes (low-income households)

Contribution from energy utilities

Performance indicators 2008-2020	Cumulative
Number of participants (sensitization and thermostats)	97,330
Energy savings (GJ/year)	155,326
Financial assistance (M\$)	39.9

BIOMASSE FORESTIÈRE RÉSIDUELLE

Residual forest biomass energy conversion

Fonds vert (Green Fund)

Performance indicators 2013-2020	Cumulative*
Number of participants	203
GHG emission reduction (CO ₂ tonnes equivalent/year)	90,223
Financial assistance (M\$)	53.2

ÉCOPERFORMANCE

Energy efficiency, conversion and process improvement projects

Fonds vert (Green Fund) and contribution from energy utilities

Performance indicators 2013-2020	Cumulative*
Number of participants	1,596
Energy savings (GJ/year)	14,177,610
GHG emission reduction (CO ₂ tonnes equivalent/year)	1,179,571
Financial assistance (M\$)	445.4

NOVOCLIMAT

Construction of new high energy performance homes

Contribution from energy utilities

Performance indicators 2008-2020	Cumulative
Number of residential units	45,679
Energy savings (GJ/year)	731,395
Financial assistance (M\$)	105.5

TECHNOCLIMAT

Support for innovation in energy efficiency and GHG emission reduction

Fonds vert (Green Fund) and contribution from energy utilities

Performance indicators 2013-2020	Cumulative*
Number of participants	61
Financial assistance (M\$)	92.7

* Includes projected and real data of accepted applications.

TRANSPORTEZ VERT

Reduction in fuel consumption and GHG emissions by vehicle fleets

Contribution from energy utilities

Performance indicators 2019-2020	Cumulative
Support for energy management	
Number of applications submitted	2
Number of people trained	29
Technology acquisition	
Number of applications submitted	2
Financial assistance (\$)	30,000
GHG emission reduction (CO ₂ tonnes equivalent/year)	10
Eco-driving training	
People trained	27
Number of eco-driving certified businesses	6

ROULEZ VERT

Rebate for the acquisition of an electric vehicle and at home charging station

Fonds vert (Green Fund)

Performance indicators	Cumulative
New vehicle rebate (2011-2020)	
Number of participants	84,297
Used vehicle rebate (2017-2020)	
Number of participants	2,615
Home charging station rebate (2011-2020)	
Number of charging stations	32,607
Total financial assistance (M\$)	488.6
Total GHG emission reduction (CO ₂ tonnes equivalent/year)	166,780

Charging station at work and multi-unit building charging station rebates

Performance indicators	Cumulative
Charging station at work (2014-2020)	
Number of charging stations	4,516
Multi-unit building charging station rebate (2019-2020)	
Number of charging stations	422
Total financial assistance (M\$)	12.1

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