

Québec and Climate Change, A Challenge for the Future 2006-2012 Action Plan

Sectorial actions to reduce or avoid GHG emissions in Québec

Actions	Total avoidance/reduction potential in 2012
Energy	
1. Implement a financing program aimed at energy efficiency for individuals, industries, institutions, companies and municipalities in Québec	600 kt
2. Amend Québec's building code to improve the energy performance of new buildings and homes built in Québec as of 2008	50 kt
Transportation	
3. Adopt the necessary mechanisms to require manufacturers of light-duty vehicles sold in Québec to meet a GHG emissions standard starting in 2010	1 700 kt
4. Aim to have gas distributors include a minimum 5 % of ethanol in their total fuel sales by 2012	780 kt
5. Encourage Québec's municipalities to adopt legislation between now and 2010 to offset the effects of idling motors	210 kt
6. Encourage the development and use of public transportation	100 kt
7. Encourage the development and use of transportation alternatives	30 kt
8. Encourage implementation of intermodal projects for the transportation of merchandise	80 kt
9. Implement a support program for the marketing of technological innovations in energy efficiency in the transportation sector	900 kt
10. Adopt legislation requiring mandatory use of speed limiting devices on all trucks and setting the maximum speed for these vehicles at 105 km/hr	330 kt
Québec's industrial sector	
11. Negotiate voluntary agreements for the reduction of GHGs in Québec's industrial sector	940 kt
12. Implement the Regulation respecting halocarbons	700 kt

Residual materials	
13. Implement the Regulation respecting the landfilling and incineration of residual materials	500 kt
14. Financial support for the capture of biogas from landfill sites not subject to the Regulation	2 500 kt
Agriculture	
15. Implement an aid program for waste treatment and energy recovery of agricultural biomass	300 kt
Government leadership	
16. By 2010, improve energy efficiency of public buildings by 10 % to 14 % under the 2003 level and reduce the fuel consumption of government departments and public organizations by 20 %	150 kt
17. Require each government department to develop a program by 2008 to reduce GHG emissions generated by employees commuting to work	20 kt
Public awareness	
18. Launch a public awareness campaign for solutions to climate change	100 kt
19. Implement a training program for Québec companies and organizations on the different CO ² credit systems	-
Research, development and deployment of technologies	
20. Implement a program to support technological research and innovation for the reduction and sequestration of GHGs	-
Total :	9 990 kt

Action
Health
21. Introduce mechanisms to allow for preventing and mitigating the impacts of climate change on health
Environment, natural resources and the territory
22. Consolidate the monitoring networks for climate, water resources and underground water
23. Experiment with means to mitigate the impacts of permafrost thawing on transportation infrastructures
24. Determine the vulnerability of Québec's forests and forest industry to climate change and integrate the anticipated impacts into forest management practices