

RCC Locomotive Emissions Working Group: Locomotive Emissions Work Plan

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Description:

The coordination between the U.S. and Canada on respective locomotive criteria pollutant emissions regulations having been excellent, using that process as a model for potential future strategies to reduce GHG emissions from locomotives would be beneficial to both countries.

Timelines:

Deliverable outcome	Building on the already extensive collaboration between both governments on locomotive regulations, the two agencies, Transport Canada (TC) and United States Environmental Protection Agency (EPA), will, in the future, use their excellent coordination as a model for developing potential locomotive strategies for reduction of greenhouse gas emissions.	
Action Items	Action Item 1: Engage stakeholders on voluntary targets and operating measures for GHG emissions.	Action Item 2: Work towards a Canada-US Memorandum of Understanding (MOU) on the reduction of GHG emissions from locomotives.
Interim Deliverables		
Three to six months	Initiate discussions with the Railway Association of Canada and the Association of American Railroads, via joint meetings, to develop a list of possible voluntary GHG emission reduction targets, operating measures, technology improvements and fleet change actions. This initiative will build on existing work being done in Canada and the United States.	Conduct a technology and infrastructure scan for reducing GHG emissions. Develop a Canadian MOU with industry on the reduction of GHG emissions, as possible basis for Canada-US MOU.
Six to 12 months	Establish GHG emissions performance targets, operating measures, technology improvements and fleet change actions for the voluntary program with input from stakeholders. Key stakeholders would include the Railway Association of Canada, the Association of American Railroads, engine manufacturers, railways, and other interested parties. A workshop with industry experts could be a useful mechanism to obtain input for the development of the voluntary program.	Initiate discussions on coordinated options for measures to reduce GHG emissions.

12 to 18 months	Announce joint voluntary program to address GHG emissions from the rail sector.	
Beyond 18 months		<p>Work towards developing a Canada-US industry-government MOU on voluntary actions to reduce GHG emissions.</p> <p>Identify and undertake additional coordinated research projects that could identify further GHG emission reduction options.</p> <p>Continue to cooperate and align efforts on an ongoing basis to address locomotive GHG emissions.</p>

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