



Did you know?

Canada has joined over 120 countries to commit to net-zero emissions by 2050. "Net zero" means a balance between emissions that are produced and those that are taken out of the atmosphere.

Under the 2015 Paris Agreement, Canada committed to reducing its greenhouse gas (GHG) emissions by 30% below 2005 levels by 2030.

Bill C-12 (Royal Assent June 29, 2021) sets increased reduction goals of 40-45% below 2005 levels, by 2030.

The SLSMC's GHG reductions:

For 2020, as you will see in the table below, The St. Lawrence Seaway Management Corporation's (SLSMC) GHG emissions show a reduction of 69%, well ahead of the 40-45% mandated reduction imposed by the Federal Government for year 2030.

The St. Lawrence Seaway Management Corporation

Year	SLSMC GHG Emissions (metric ton eq. CO ₂)	% Reduction (versus 2005 levels)
2005	3,751	0% - reference year
2016-2020	Average 1,651	56%
2020	1,169	69%



For over 60 years, The St. Lawrence Seaway Management Corporation (SLSMC) has worked closely with stakeholders to strengthen partnerships, enhance efficiencies and drive sustainability.

Today, the Seaway is a world-class waterway, which is a strong environmental alternative and energy efficient essential transportation corridor for North American goods and services.

What the SLSMC is doing to make a difference:



- Improved fuel efficiency of corporate vehicles, and gradual replacement of gasoline-powered vehicles with electrical powered vehicles. As of December 1, 2021, three electrical vehicles and three plug-in hybrid vehicles are in service in the Montreal/Lake Ontario region.



- Replacement of diesel-powered salamanders with electrical-powered agitators to keep lock structures ice-free, during the closing and opening seasons. Diesel-powered salamanders are still being used, but only in targeted locations.



- Replacement of two diesel-powered compressors with two electrical compressors in the Montreal/Lake Ontario region, for ice control purposes (air curtains) during the closing and opening seasons.



- The Welland Canal portion of the SLSMC produces its own hydroelectric power, which emits ZERO pollutants and ZERO GHG emissions.
- More stringent control of diesel-powered equipment used to keep the locks ice-free.
- Increased energy-efficiency of buildings (heating system improvements, window replacement, improved insulation).