The Port of Montreal applies a sustainable development policy based on nine principles:

THE NINE PRINCIPLES OF SUSTAINABLE DEVELOPMENT THAT THE PORT OF MONTREAL ADOPTED IN 2010

1. Ensure responsible management
2. Increase positive contributions to society
3. Promote responsible communication
4. Engage our stakeholders
5. Provide a stimulating work environment
6. Maintain safety and security as core operating values
7. Reduce our environmental footprint
8. Aim to be an example in areas of sustainable development
9. Ensure the Port of Montreal’s economic mission

The Port has integrated the main environmental and social risks, in addition to financial risks, into its risk management process. **The goal: ensure compliance with its requirements for sustainable development.**

Environmental and social requirements are included in the clauses of tenders and contracts. The Port has integrated criteria that take into account environmental and social dimensions when developing its major projects.
ENVIRONMENT

The ship is the mode of freight transport that consumes the least amount of energy and leaves the smallest environmental footprint.

**DISTANCE A TONNE OF GOODS CAN COVER ON 1 LITRE OF FUEL**

- **TRUCK 28 KM**
- **TRAIN 95 KM**
- **SHIP 241 KM**

Source: Government of Quebec’s Politique de transport maritime et fluvial. Le Saint-Laurent, Le Québec à la barre.

**TO TRANSPORT 62,000 TONNES OF GOODS, IT TAKES:**

- **1 SHIP**
  - 350 METRES LONG

- **564 RAIL CARS**

- **2,340 TRUCKS**
THE PORT OF MONTREAL IS LIMITING ITS GREENHOUSE GAS (GHG) EMISSIONS

**17.3%**
GHG emissions in CO₂ equivalent per tonne of goods handled are down 17.3% compared to 2007.

**150**
trees per year are being planted as of 2015 to offset the increase in GHG emissions resulting from MPA activities.

**39%**
By replacing its vehicles with hybrid vehicles, we are reducing fuel consumption per vehicle by 39%.

**33%**
By replacing its vehicles with hybrid vehicles, we are reducing GHG emissions by 33% compared to 2007.

MORE ENVIRONMENTALLY FRIENDLY EQUIPMENT AND PROCESSES

**45,000 TONNES**
We are encapsulating over 45,000 tonnes of poor load-bearing capacity soil in concrete to strengthen and reuse this soil instead of disposing of it in a landfill site. GHG emissions saved: 170 tonnes.

**100% RECYCLABLE**
We are using railway ties made of steel that include 100% recycled and recyclable materials, with a 50-year life cycle. Over 1,000 ties have been replaced in two years. We are experimenting with composite ties made from old tires and plastic bottles.

**BIODEGRADABLE OIL**
Our use of biodegradable oil at MPA work sites located near the river minimizes impacts in the event of a spill.

The Port of Montreal is one of the founders of Green Marine, which enables its members from the North American marine industry to voluntarily follow an environmental certification program.

In 2013, Montreal earned the best rating in Quebec ports and the third best rating among all the North American member ports of Green Marine.

In 2014, the MPA indexed the Green Marine program in its Environmental Management System (EMS), a first among Green Marine members in North America.
In 2014, this program made it possible to recycle:

- **5,500 litres** of oily water
- **160 tonnes** of metal
- **205 kg** of batteries
- **30 m³** of oil filters, air filters and soiled absorbents
- **1 barrel** of aerosol cans
- **510 bins** of paper
- **6,600 litres** of waste oil
- **6,600 litres** of glycol
- **13,040 litres** of glycol
- **525 garbage bags** of plastic materials
- **110 ink cartridges** given to the MIRA Foundation
- **510 bins** of paper
- **110 ink cartridges** given to the MIRA Foundation
- **71 tires**

In addition, several departments lowered their paper consumption, notably the procurement department due to its switch to electronic tendering.

**Annual reduction in water consumption:**

830,000 m³ or 332 Olympic-size swimming pools

Rehabilitation of the water network to increase its performance.

Result: Reduction of annual water consumption by 800,000 m³ per year.

Optimization of flushing routes.

Result: Annual reduction of 30,000 m³ of water volume.

Installation of a water treatment system at the new mechanical workshop at Maisonneuve Terminal.

Result: A washing slab combined with a separator of oil/grease and suspended materials and a clarifier, catches all the water and cleans it. The water is then reused as wash water.
SOCIAL RESPONSIBILITY

THE PORT IS NEIGHBOURLY!

THE NEIGHBOURS OF THE PORT
Who are the Neighbours of the Port? They are the residents of the Ville-Marie, Mercier-Hochelaga-Maisonneuve and Rivière-des-Prairies-Pointe-aux-Trembles boroughs, Montreal East and residents located approximately 300 metres from the port facilities in Contrecœur.

THE PORT OF MONTREAL AFFIRMS ITS COMMITMENT TO GET CLOSER TO ITS SURROUNDING COMMUNITY AND TO BE A GOOD NEIGHBOUR.
The Port minimizes the inconveniences caused by maintenance work on port facilities. Example: To reduce noise, out of respect for the neighbours, we used the vibro-sinking method instead of the traditional percussion technique to drive piles into the riverbed in Sectors 105 and 106, Montreal East. Fish benefited from this as well.

Five stations measure in real time the quality of the air and noise on port territory.

THE PORT IS LISTENING!

A GOOD NEIGHBOURHOOD COMMITTEE
It brings together 17 partners from the marine transportation industry and social, community and economic organizations. Its purpose is to listen to what its neighbours have to say, inform, discuss, answer questions and help the Port and its neighbours get along more easily.

300 + CITIZENS ATTENDED OPEN HOUSES IN 2014
The Port holds open houses on projects that affect the public. The goal is to present the project and get people’s opinions. Hundreds of people attended the open houses regarding:

THE NEW PASSENGER TERMINAL
The new Iberville Passenger Terminal project, which will give residents a public place and privileged access to the river.

THE NEW CONTAINER TERMINAL
The project to develop a new container terminal at Contrecœur.
PORT IN THE CITY

Port in the City Day is an invitation to discover the Port! Every year, in September, the general public is invited to take a free one-hour cruise on the river to tour port facilities.

FIVE DEPARTURES OVER THE COURSE OF THE DAY

THE PORT SCHOOL

Hundreds of students, mostly studying logistics and transportation, tour the Port every year as part of their course work. They can closely observe port facilities and operations while listening to professionals whose jobs keep them immersed in the action explain how it all works.

THE PORT IS INVOLVED!

The Port has adopted a new community investment policy that is fully aligned with its strategic plan. It is a proud partner of projects intended to help youth and benefit its surrounding community.

HERE ARE THREE MAJOR INITIATIVES:

1. SAMAJAM Through music, song and dance, musicians stimulate young students and create a sense of belonging to their school.

2. ÉCOCARIS During school holidays, young people, including a few recipients of grants from the Port, embark on the Roter Sand sail-training vessel for a week. On the program: teamwork, surpassing oneself and environmental awareness of the St. Lawrence River.

3. VÉLOPOUSSE As a summer job, young adults act as tour guides aboard pedicabs, introducing visitors to their neighbourhood, its history and its social wealth.

The Port sponsors heritage cruises in Pointe-aux-Trembles.
THE PORT IS COMMUNICATING

LOGBOOK

A MAGAZINE FOR THE FRIENDS AND NEIGHBOURS OF THE PORT

Logbook is available free of charge on the Port of Montreal’s website. People sign up to receive an email announcing the release of a new issue. The articles in Logbook relate to port life, the vocations and people who work there. They explain how a port functions. There is a section devoted to The Neighbours of the Port. It keeps people informed about port activities in their sector and gives them a voice.

PORTINFO

A MAGAZINE FOR THE MARINE TRANSPORTATION INDUSTRY

1,200 SUBSCRIBERS RECEIVE PORTINFO

Mail, email and social media

The Port communicates by mail with its Neighbours to inform them about work being carried out in their neighbourhood, and to invite them to Port in the City Day.

The Port also communicates by email with its Friends and Neighbours to announce the latest issues of Logbook and PortInfo magazines, and to organize meetings with the neighbouring community.

The Port is also present on Facebook, Twitter, LinkedIn, YouTube and Instagram to maximize the sources of information that it wants to make available to as many citizens as possible.

DO YOU LIVE NEAR THE PORT? DOES THE PORT INTEREST YOU? SIGN UP HERE: EVENTS.PORT-MONTREAL.COM/VOISINS

YOUR OPINION MATTERS TO US! TAKE PART IN OUR ONLINE SURVEY AT: EVENTS.PORT-MONTREAL.COM/PORTENVILLE