



# ENVIRONMENTAL CERTIFICATION PROGRAM FOR THE MARINE INDUSTRY

## OUR ORGANIZATION



Founded in 2007, Green Marine is the largest voluntary environmental program for the maritime industry in North America.

## MAIN OBJECTIVES

- Reduce the marine industry's environmental footprint and pollution potential
- Strengthen environmental performance through a process of continuous improvement
- Exceed regulatory compliance
- Build strong relations with stakeholders.

## OUR MEMBERS

Green Marine counts more than 270 organizations in four categories of membership: participants, partners, associations and supporters.

### Participants

Green Marine is a transparent and inclusive program that encourages its participants to reduce their environmental footprint by taking concrete actions.

There are currently more than 100 ship owners, port authorities, terminals and shipyards from coast to coast, in Canada and the United States, participating in the program.

The Green Marine environmental certification program is intended for:

- Domestic & International Ship Owners
- Port Authorities & Seaway Corporations
- Terminal Facilities & Shipyards.

Green Marine membership includes different types of cargo ships (bulk carriers, container ships, tankers, etc.), as well as ferries, tugs and barges. On the land side, port authorities and terminal facilities of various size and activities (container and bulk terminals, stevedoring companies, etc.) and shipyards participate in the program.

### Partners

Green Marine partners are suppliers of services, products, technology and/or equipment that offer environmental advantages or opportunities to help Green Marine participants to improve their environmental performance.

### Associations

Associations serve as ambassadors for the environmental program.

### Supporters

The Green Marine program derives its uniqueness from the support it receives from environmental organizations, government agencies and scientific research institutes. More than 50 Green Marine supporters encourage and support the sustainable development initiative. They also contribute to shaping and revising the program.

## GREEN MARINE OFFERS:

- A framework and action plan to benchmark and improve environmental performance
- A cost-effective way to implement a third-party sustainability initiative
- National and international visibility and recognition
- A marine community that shares information
- Tools to assure social license to operate
- A measurable, action-oriented commitment towards sustainability.

## RELEVANCE AND CREDIBILITY

The Green Marine environmental program has been recognized both nationally and internationally for its rigor and the commitment of its participants. Green Marine has received three major awards:

### ENVIRONMENTAL EXCELLENCE LLOYD'S LIST NORTH AMERICAN MARITIME AWARDS

*Houston, February 2015*

### ENVIRONMENT AWARD EXCELLENCE IN TRANSPORTATION AWARDS, AQTR

*Quebec City, June 2012*

### GREEN SHIPPING INITIATIVE OF THE YEAR SUSTAINABLE SHIPPING AWARDS

*London, July 2011*

## GREEN MARINE SECRETARIAT

### Quebec City:

- David Bolduc, Executive Director
- Véronique Nolet, Program Manager (St. Lawrence)
- Manon Lanthier, Communications Manager

### Halifax:

- Thomas Grégoire, Program Manager (Great Lakes & East Coast)

### Seattle:

- Eleanor Kirtley, Program Manager (West Coast)

## CONTACT US

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## CERTIFICATION POLICY

Green Marine's participants are committed to continuously reducing their environmental footprint. Each year, they benchmark their environmental performance through the Green Marine environmental program's detailed framework. The certification process is rigorous and transparent. In order to obtain the Green Marine certification, a company must complete the following steps:



### 1- Evaluation Process

- For each of the applicable environmental issues, the participant must evaluate its company's performance on a five-point scale that ranges from regulatory monitoring (Level 1) to excellence and leadership (Level 5).
- The self-evaluation is done following the easy-to-use guide that Green Marine provides, along with support from its staff as required.
- Each year by April 1st, each participant must submit its self-evaluation report signed by the company's CEO to the Green Marine Secretariat.

#### LEVEL / CRITERIA

LEVEL	CRITERIA
1	Regulatory monitoring
2	Systematic use of a defined number of best practices
3	Integration of best practices into an adopted management plan and quantifiable understanding of environmental impact
4	Introduction of new technologies
5	Excellence and Leadership

### 2- External Verification

All participants must submit their results to third party verification every two years by using a Green Marine accredited verifier.

### 3- Publication of Results

The public has access to each participating company's results. The outcomes of participants' self-evaluations are published in Green Marine's Performance Report, other publications and on our website.

### 4- Year-over-Year Improvement

During the first year of participation, the participant must achieve Level 2 for at least one performance indicator and, during the second year of participation, demonstrate an annual improvement of one level in at least one performance indicator until Level 2 is achieved for all applicable performance indicators.

The annual results of our participants attest to the continual improvement of the industry's environmental performance. The overall average has been on the rise since the first evaluation year in 2008.

## ENVIRONMENTAL ISSUES

Green Marine addresses key environmental issues through its 12 performance indicators:

- Aquatic invasive species
- Dry bulk handling and storage
- Community impacts
- Environmental leadership
- Garbage management (ship owners)
- Greenhouse gas emissions
- Oily water
- Pollutant air emissions (NOx)
- Pollutant air emissions (SOx and PM)
- Prevention of spills and leakages
- Underwater noise
- Waste management (ports & terminals)



@GMarine\_AVerte