



# 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 three 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.

The Green Marine environmental program is intended for:

- Domestic & International Shipowners;
- Port authorities, terminal facilities, and Seaway Corporations;
- 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.

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.

### 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 and government agencies. Green Marine Supporters encourage and support the sustainable development initiative undertaken by the marine industry. More than 50 supporters contribute to shaping and revising the program.

## GREEN MARINE OFFERS:

- Roadmap and action plan to benchmark and improve environmental performance;
- Cost-effective way to implement a third party sustainability initiative;
- National and international recognition and visibility;
- A marine community that shares information;
- Tools to maintain social license to operate;
- Commitment towards sustainability.

## CREDIBILITY AND RELEVANCE

The Green Marine environmental program has been recognized both nationally and internationally for its rigor and the commitment of its participants. Green Marine 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 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);
- To do so, Green Marine provides its participants with a self-evaluation guide easy to use as well as direct support from its staff;
- Each year by April 1st, each participant 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 are required to have their results verified by an independent third party every two years.

### 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 Progress Report, in other publications and on our website.

### 4 - Year-over-year improvement

The participant must achieve, during the first year of participation, level 2 for at least one performance indicator AND, as of 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 constant evolution of the industry's environmental performance. The overall average is on the rise since the first evaluation year.

## 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