



Port Stakeholders and Environmental Certification Programs

AAPA Conference, Jersey City
June 8th, 2016

www.green-marine.org



ECOPOINTS



PRESENTATION OUTLINE

1. Green Marine: Who we are
2. What does it take to make an environmental certification matter?
3. Different stakeholders, different expectations
4. Measuring your engagement with local communities

GREEN MARINE IS...



A **voluntary certification program** to reduce environmental footprint of marine operations by

- exceeding regulatory compliance
- promoting a culture of continuous improvement

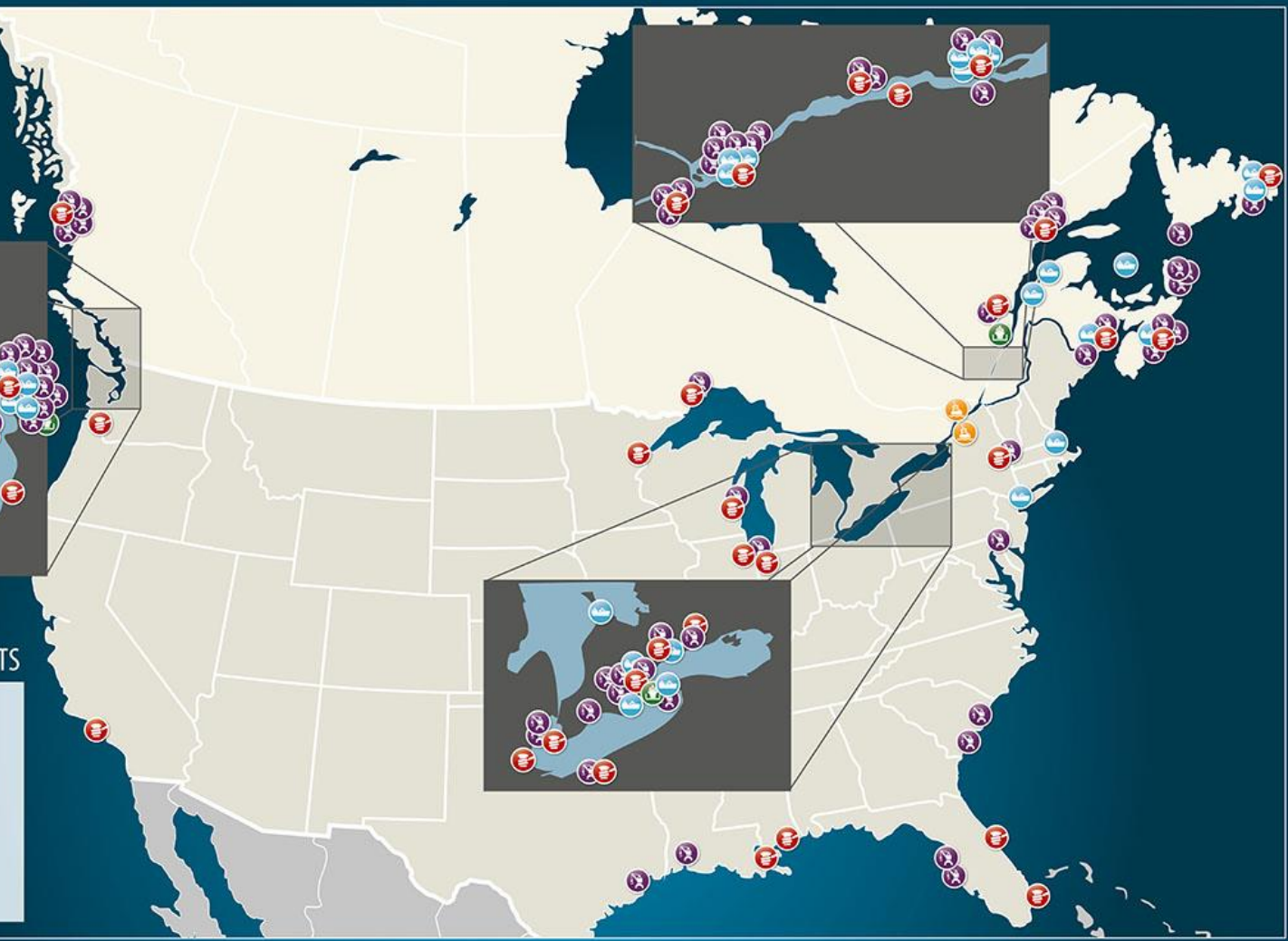
A **benchmarking tool** to measure performance

A **partnership** initiative involving stakeholders



THE PARTICIPANTS

	
SHIP OWNERS	PORTS
	
TERMINALS	SHIPIARDS
	
ST. LAWRENCE SEAWAY	



PORTS (35)



Canadian Great Lakes &

St Lawrence Seaway

Hamilton Port Authority

Montreal Port Authority

Port of Valleyfield

Quebec Port Authority

Saguenay Port Authority

Sept-Îles Port Authority

Thunder Bay Port Authority

Toronto Port Authority

Trois-Rivières Port Authority

Windsor Port Authority

Port of Bécancour

Oshawa Port Authority

Atlantic Canada

Halifax Port Authority

Saint John Port Authority

St. John's Port Authority

US Great Lakes

Duluth Seaway Port Authority

Illinois International Port District

Ports of Indiana – Burns Harbor

Cleveland-Cuyahoga County Port Authority

Port of Milwaukee

Port of Monroe, Michigan

US Gulf Coast & Florida

Port of Gulfport

Port Everglades

Port of New Orleans

Port Canaveral

US East Coast

Port of Albany

US West Coast

Port of Seattle

Port of Longview

Port of Hueneme

Northwest Seaport Alliance

Canadian West Coast

Greater Victoria Harbour Authority

Nanaimo Port Authority

Port Metro Vancouver

Prince Rupert Port Authority

Port Alberni Port Authority

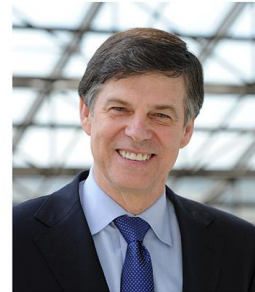


LEADERSHIP & GOVERNANCE



2016 Board of Directors

- **Terence Bowles, President & CEO (Treasurer)**
St. Lawrence Seaway Management Corporation
- **Brandy Christian, COO**
Port of New Orleans
- **Stephen Edwards, CEO**
Global Container Terminals, Inc
- **William D. Friedman, President & CEO**
Cleveland-Cuyahoga County Port Authority
- **Paul Gourdeau, President (Chair)**
Federal Marine Terminals
- **Don Krusel, President & CEO (Vice-Chair)**
Prince Rupert Port Authority
- **Allister Paterson, President**
Canada Steamship Lines
- **Jim Quinn, President & CEO**
Saint John Port Authority
- **Ron Tursi, President**
Roymar Ship Management



ENVIRONMENTAL PROGRAM 2016



Performance Indicators	Ship owners	Ports & Term's
Invasive species	1	0
Air emissions (SOx and PM)	2	-
Air emissions (NOx)	3	-
Greenhouse gases (GHG) & Air Pollutants	4	1
Oily water	5	-
Garbage management	6	2
Prevention of spills and leakages	-	3
Dry bulk handling and storage	-	4
Community impacts	-	5
Environmental leadership	-	6
Underwater Noise – New!	7	7



PERFORMANCE INDICATOR



- 1 • Regulation monitoring process in place
- 2 • Systematic use of a defined number of best practices
- 3 • Integrated management systems & quantifiable understanding of environmental impacts
- 4 • Introduction of new technologies
- 5 • Excellence and leadership

CERTIFICATION PROCESS



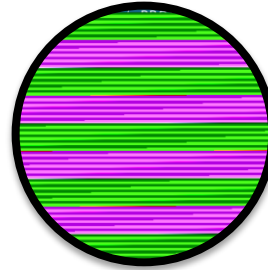
Self Evaluation

- Annual self-evaluation requiring CEO sign-off
- Due April 1



External Verification

- Third party verification every two years
- Due mid-May



Results Publication

- Produced by Green Marine staff
- Released at annual conference



Certification Ceremony

- At annual conference

What does it take to make an environmental certification matter?

- ✓ Solid metrics and tool to measure and benchmark performance
- ✓ Transparency
- ✓ Input and participation from stakeholders

CONDITION 1: MEASURING PERFORMANCE



CONDITION 2: TRANSPARENCY



- ✓ Full disclosure of program requirements
- ✓ Full disclosure of individual company results

SELF EVALUATION GUIDE



Form area 1: A large empty rectangular box for self-evaluation notes.

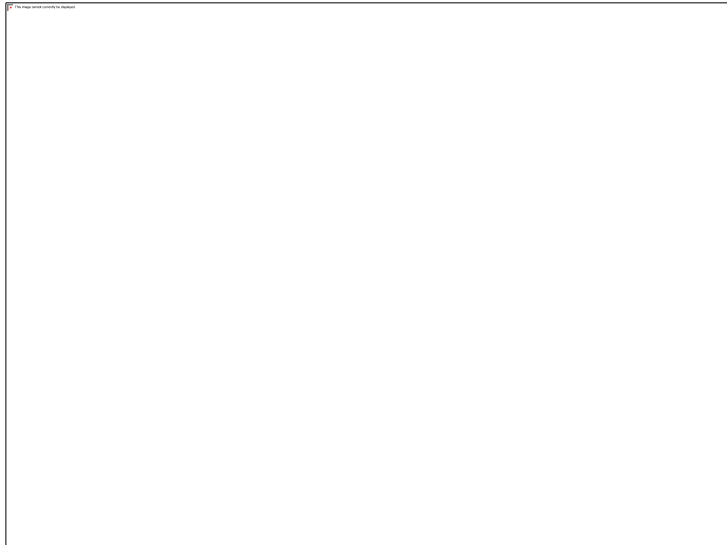
Form area 2: A large empty rectangular box for self-evaluation notes.

PUBLICATION OF RESULTS



[2015 Performance Report](#) is online

CONDITION 3: INPUT AND PARTICIPATION



Advisory Committees:

- Include ports, terminals, shipowners, government, NGOs, academia
- Mandate: advise on program revision and development

SUPPORTERS (58) encourage and support Green Marine's sustainable development initiative undertaken by the maritime industry. **Associations (19)** serve as ambassadors for the program and promote its continued growth.



Transport
Canada



Environment
Canada

Stakeholders: who are we talking about?

Regional/national

- Government agencies
- Major NGOs

Local

- Community groups
- Municipal government
- Local environmental groups

Regional/national stakeholders



- Interested in the big picture
- Want to get involved
- Well organized, ready to invest time in long-term dialogue

Local Stakeholders

- Focused on local issues
- More passionate, more involved personally
- Higher initial skepticism towards environmental certifications
- Reassured by other NGOs endorsements

PERFORMANCE INDICATOR ON COMMUNITY IMPACTS



COMMUNITY IMPACTS

Objective

Reduce the amount of noise, dust, odor and light to which people residing close to port facilities are exposed.

NUISANCE MITIGATION

Implementation of operational measures

COMMUNITY RELATIONS

Establishment of community relations based on trust in order to build, maintain and/or increase the port's social acceptability

To be further expanded in 2016

-
NEW WORK GROUP

COMMUNITY IMPACTS

Current criteria related to community relations



- Monitoring of regulation



- Make available/**post a telephone number** for receiving complaints related to port activities.
- Once a complaint has been made, move swiftly to ensure that **corrective measures** are taken.



- Adoption of a plan for managing community issues and a **procedure for handling complaints**.
- **Evaluation of environmental and social aspects of new projects** (activities or operations) that are not subject to an environmental assessment under existing regulation.

COMMUNITY IMPACTS

Current criteria related to community relations



- **Active involvement in local community organizations** (e.g. watershed committee, local NGOs, etc.).
- Implementation of **permanent communication channels** to inform the community, on a regular basis, on major projects and construction work, their impacts and mitigation measures taken.
- Adoption of a documented and communicated **procedure to consult the community** (e.g. public information session) before implementing new projects that can have an impact on the environment and/or the community.



- Leading of a **permanent consultative committee** which is open to citizens.



www.green-marine.org

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