



**M P A**  
S I N G A P O R E

**MARITIME SINGAPORE GREEN INITIATIVE**  
**SEMINAR ON CSR ACTIVITIES FOR THE SHIPPING**  
**INDUSTRY**

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# Introduction

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## Environment Scan

- ❖ Economic growth vs. Environmental protection
- ❖ Drive towards greener shipping
- ❖ Measures developed and implemented through IMO

## Going beyond Mandatory Requirements

- ❖ Facilitating
  - Green thinking
  - Green technologies

## Maritime Singapore Green Initiative

The Maritime Singapore Green Initiative seeks to reduce the environmental impact of shipping and related activities and to promote clean and green shipping.

Up to \$100 million over 5 years.



## Programmes

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# Maritime Singapore Green Initiative

## Programmes

### Comprehensive Initiative

- ❖ Green Ship Programme
- ❖ Green Port Programme
- ❖ Green Technology Programme





## Green Ship Programme

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## Green Ship Programme

### Target

- ❖ Singapore-flagged ships with energy efficient ship designs

### Criterion

- ❖ Exceeding IMO's Energy Efficiency Design Index (EEDI)



## Example: 20,000 DWT Tanker for Green Ship Programme

	Reduction Factors (in %) for EEDI			
	<b>Phase 0</b> 1 Jan 2013 – 31 Dec 2014	<b>Phase 1</b> 1 Jan 2015 – 31 Dec 2019	<b>Phase 2</b> 1 Jan 2020 – 31 Dec 2024	<b>Phase 3</b> 1 Jan 2025 and onwards
IMO mandatory requirements	0	10	20	30
For example, Singapore-registered 20,000-DWT Tanker with 10% EEDI reduction				
Singapore- registered Tanker with 10% reduction	Green Ship until 31 Dec 2014	Not able to enjoy Green Ship incentives, as the ship would have to comply with IMO mandatory requirements by then.		



## Green Ship Programme

### Incentives

- ❖ 50% reduction of Initial Registration Fee
- ❖ 20% rebate on Annual Tonnage Tax
- ❖ “Green” Recognition
  - Green Ship certificates
  - “Green Ship of the Year” award





## Green Port Programme



## Green Port Programme

### Target

- ❖ Ocean-going ships calling at Singapore

### Criteria

- ❖ Burn clean fuels (<1.00% sulphur content) within Port Limits
- ❖ Use of type-approved abatement/scrubber technology

### Incentive

- ❖ 15% port dues concession





## Green Technology Programme

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## Green Technology Programme

### Target

- ❖ Local maritime companies

### Criteria

- ❖ Projects on green technological solutions/systems
  - Verifiable emissions results
  - Not commonly deployed
  - System installation done in Singapore

### Incentive

- ❖ Grant of up to 50% of total qualifying costs capped at \$2mil per project

## Green Pledge

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## Green Pledge

### Commitment by companies

- ❖ Total of 27 signatories
- ❖ Inaugural Maritime Singapore Green Pledge in April 2011
- ❖ 2<sup>nd</sup> Green Pledge in January 2012



MARITIME SINGAPORE  
*Greenpledge*



**Name of Company**

*As a responsible member of the international maritime community, we pledge to support and promote clean and green shipping in Singapore.*

*We call upon the maritime community to join us in protecting and safeguarding our environment.*

“As a responsible member of the international maritime community, we pledge to support and promote clean and green shipping in Singapore.

We call upon the maritime community to join us in protecting and safeguarding our environment. ”

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**Name**  
Designation  
Company

## Conclusion

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## Integrated approach

To promote Green efforts

- ❖ Provide pro-business environment
- ❖ Create spin-offs for R&D and equipment makers of green technologies
- ❖ Promote Corporate Social Responsibility in the maritime industry
- ❖ Profile Singapore's Green Credentials



*Thank You*

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