

GloMEEP Project: Port Emissions Sub-component

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Global Maritime Energy Efficiency Partnerships (GloMEEP) Project



10 Lead Pilot Countries:

Argentina, China, Georgia, India, Jamaica, Malaysia, Morocco, Panama, Philippines and South Africa

- Approx. \$3 million cash (GEF + GIA + IMO TC + bilateral donors)
- 3 year pilot project (terminates Dec. 2018)



Empowered lives.
Resilient nations.





- Promoting development of international port and maritime industry
- Representing port industry's interests
- Collecting, analyzing, exchanging & distributing information on developing trends
- 200 Regular Members (Ports) in 90 countries
- Handling 7 billion tons of cargo
- 60% of world sea-borne trade
- 90% of world container traffic
- 150 Associate Members
- Offices in Tokyo & Rotterdam



- Specialized agency of the UN
- 173 Member States
- IMO Convention was adopted in 1948 and IMO first met in 1959
- Develop and maintain a comprehensive regulatory framework for shipping
- Developed and adopted > 50 mandatory instruments
- Safety, **environment**, legal matters, technical co-operation, security and the efficiency of shipping

Safe, secure and efficient shipping on cleaner oceans!

Global Maritime Energy Efficiency Partnerships (GloMEEP) Project

Overall objective:

Build capacity in developing countries for implementing technical and operational measures for energy efficient shipping and to catalyze overall reductions in GHG emissions from international shipping.

Three main project components:

**Legal, Policy
and
Institutional
Reforms**

**Capacity-
building and
knowledge
sharing**

**Public-
private
partnerships**

Port emissions sub-component

Strategic partnership agreement between IAPH and IMO
(within the framework of the GloMEEP Project)



Aim of the partnership is to support developing countries in:

- Gaining a better understanding of emissions in their ports
- Developing strategies to address emissions

About Starcrest



- Founded 1997
- Specializing in Maritime Air Quality Services
- Domestic and International Clients
- IMO and IAPH
 - IMO
 - 3rd Greenhouse Gas Study 2014
 - Emission Control and Energy Efficiency Measures for Ships in the Port Area
 - International Emissions Inventory Training
 - IAPH
 - Carbon Footprinting Guidance Document (WPCI)
 - Carbon Calculator

Port emissions sub-component

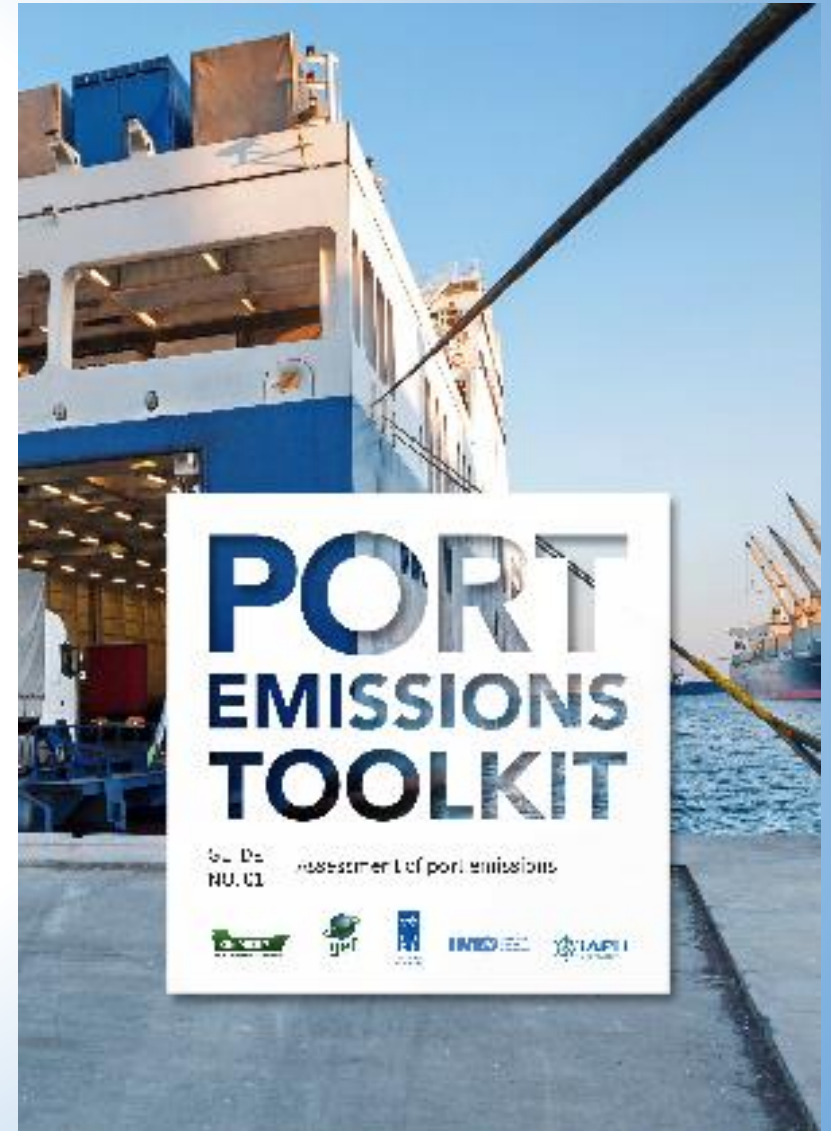
Development of two new port-related guide documents:

- Guide for the Development of Port Emissions Assessments
- Guide for the Development of a Port Emissions Reduction Strategy



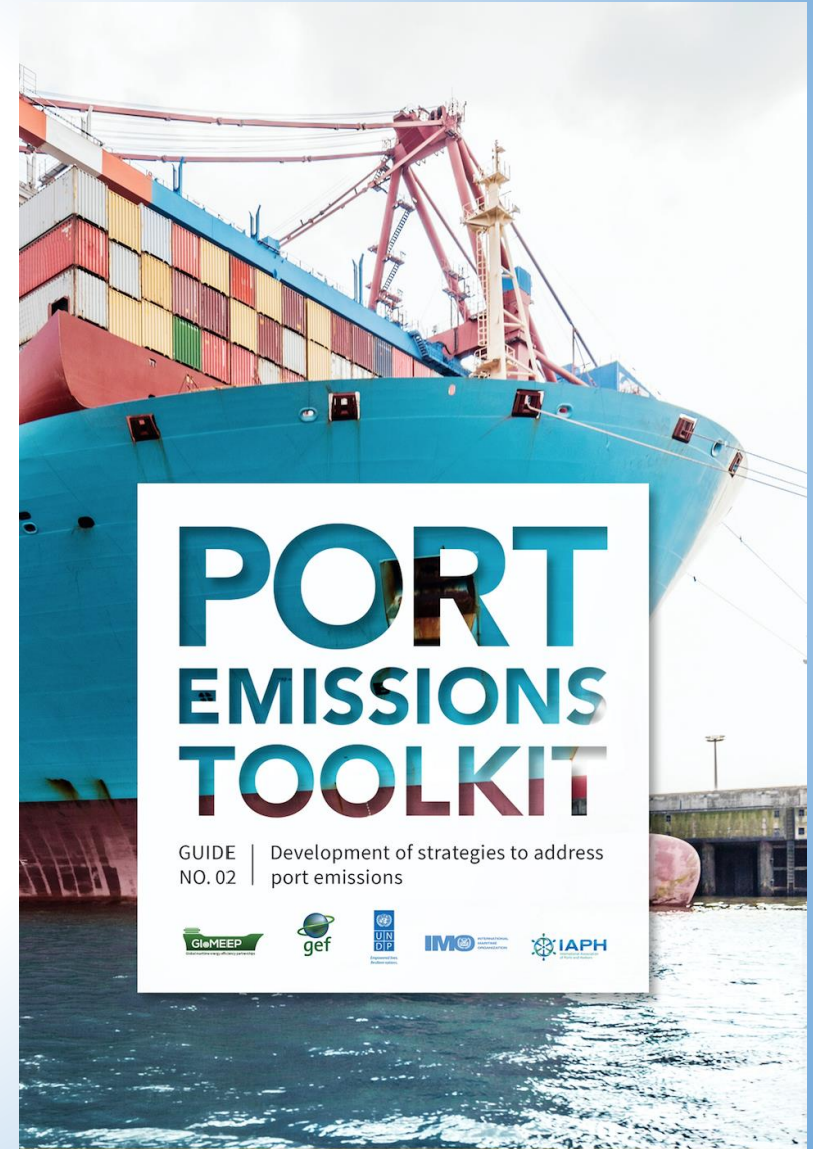
Guide for the Development of Port Emissions Assessments

- Covers critical inventory planning elements
 - Drivers
 - Source categories
 - Geographical & operational domains
 - Air quality pollutants & GHGs
 - Level of detail
 - Data streams
- Port-related sources
- Regulatory frameworks
- Types of assessments
- Methods & approaches
- Assessing tools & use
- Putting results in perspective
- Comparing year over year



Guide for the Development of a Port Emissions Reduction Strategy

- Covers critical strategy planning elements
 - Drivers
 - Challenges & opportunities for viable strategies
 - Pollutant/GHG hierarchy
 - Strategy analysis & evaluation considerations
 - Implementation options & considerations
 - Administration considerations
 - Tracking progress & reporting considerations
- Methods & approaches
- Scenario analysis
- One-off strategy vs. programmatic approaches
- Determining cost effectiveness
- Strategy ranking & selection considerations



Capacity building and knowledge sharing

- Three-day workshop package on the “Prevention and Control of Shipping and Port Air Emissions.” Builds on guides.
- Training sessions are being delivered in all 10 GloMEEP countries (April-September 2018).
- Delivery of IMO-IAPH training is being completed with support of experts from:



Workshop Topics

- Regulatory Overview
- Port Overview
- Emissions Assessment
 - Core elements
 - Planning
 - Methods
- Emission Reduction Strategies
 - Planning
 - Implementation
 - Tracking



The port expert team at training meeting in Los Angeles (March 2018)



Terminal Tour in Jamaica (May 2018)



Recent workshop participants in Buenos Aires, Argentina (July 2018)



Thank you!

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