Global MTCC Network Project

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The Global MTCC Network (GMN) project is funded by the European Union and implemented by IMO. The views expressed in this presentation cannot in any way be taken to reflect the views of the European Union.
Global MTCC Network (GMN)

**Funding:** Euro 10,000,000  
**Timeline:** January 2016 – December 2019

**Goal**

Establish a Global MTCC Network that will promote energy efficiency technologies and operations in the maritime sector and help navigate shipping into a low-carbon future.

**Objectives**

- Improve capacities
- Implement pilot projects
MTCC Host Institutions

- **MTCC CARIBBEAN**
  - University of Trinidad & Tobago

- **MTCC AFRICA**
  - Jomo Kenyatta University of Agriculture & Technology, Kenya

- **MTCC ASIA**
  - Shanghai Maritime University, China

- **MTCC PACIFIC**
  - Pacific Community (SPC), Fiji

- **MTCC LATIN AMERICA**
  - International Maritime University of Panama, Panama
Expansion of the MTCCs
Expansion of the MTCCs
Global MTCC Network Launched

• The 5 MTCCs signed an MoU to work together to achieve common goals
Capacity building

Training activities delivered: 18

- 18 events – 600 people
- Activities are regional, sub regional and national in their scope
- Participants profile is predominantly from Government, industry and academia
- World coverage – 80 countries
Pilot Projects related to data collection on fuel consumption

• MTCCs tasked with collecting data on fuel consumption from volunteer vessels

• Linked to IMO’s mandatory requirements on fuel consumption data

• MTCCs working with:
  ➢ Maritime authorities
  ➢ Port authorities
  ➢ Ship agents
  ➢ Ship owners
  ➢ Ship crews
Pilot Projects related to data collection on fuel consumption

MTCC-Africa staff receive training on use of data analysis tools

MTCC-Africa installation of data collection equipment

MTCC-Caribbean online data collection form
Implement pilot projects on low carbon technologies

**MTCC Africa**

On-shore power supply at Port of Mombasa (Cold Ironing)
Implement pilot projects on low carbon technologies

MTCC Asia
Update on the ship trim optimization management system

Figure: Concept and definition of trim
Implement pilot projects on low carbon technologies

MTCC Caribbean & MTCC Latin America
Capture the current baseline on the use of ship energy efficiency technologies
Implement pilot projects on low carbon technologies

MTCC Pacific
Conduct energy audits of maritime ports
Overview of GMN activities completed and planned

2016
- Established PCU
- Completed international tender process

2017
- MTCCs established and operational
- Start of capacity building and pilots
- MTCC network established

2018
- Implement pilot projects
- Deliver national and sub-regional workshops
- Develop sustainability plans

2019
- Complete Pilot Projects
- Disseminate results
- Implement sustainability plans
Communication and dissemination of information

http://gmn.imo.org/

26,900 views so far..
GMN is well placed to support the implementation of the IMO GHG strategy
Thank you for your attention!
http://gmn.imo.org/