“CUARTO TALLER NACIONAL SOBRE EFICIENCIA ENERGÉTICA Y REDUCCIÓN DE EMISIONES DE BUQUES”
13 - 15 de marzo de 2019
Aula Magna del CESNAV, Ciudad de México
IMO’s work to address GHG emissions from ships
Adoption of the Initial IMO Strategy on Reduction of GHG emissions from ships

RESOLUTION MEPC.304(72)

Adopted on 13 April 2018

INITIAL IMO STRATEGY ON REDUCTION OF GHG EMISSIONS FROM SHIPS

THE MARINE ENVIRONMENT PROTECTION COMMITTEE

RECALLING Article 38(e) of the Convention on the International Maritime Organization (the Organization) concerning the functions of the Marine Environment Protection Committee (the Committee) conferred upon it by international conventions for the prevention and control of marine pollution from ships,

ACKNOWLEDGING that work to address greenhouse gas (GHG) emissions from ships has been undertaken by the Organization continuously since 1997, in particular, through adopting global mandatory technical and operational energy efficiency measures for ships under
Adoption of the Initial IMO Strategy on Reduction of GHG emissions from ships

The shipping sector is finally on board in the fight against climate change.

U.N. shipping agency reaches deal to cut CO2 emissions.

Shipping Regulators Reach Deal to Cut Carbon Emissions For The First Time, Maritime Shipping Has A Climate Target.

The shipping industry is finally going to cut its climate change emissions. That's a big deal.

Carbon dioxide from ships at sea to be regulated for first time.

Carbon emissions from global shipping to be halved by 2050, says IMO.

Nations Strike Historic Deal to Curb Shipping Emissions.
Programme of follow-up actions of the Initial Strategy up to 2023

- October 2018, MEPC 73 approved the Programme of follow-up actions of the Initial IMO Strategy on reduction of GHG emissions from ships up to 2023

- This programme of actions identifies several parallel streams of activity:
  - Consideration of concrete proposals for new measures by MEPC 74 (May 2019)
    - the use of speed optimization and speed reduction
    - incentives for first movers to develop and take up new technologies
    - Capacity-building, technical cooperation, R&D
  - Mechanism to assess impacts on States of measures
  - Fourth IMO GHG Study to update estimates and projections
Example of candidate short-term measure: ports

- The Initial IMO Strategy identifies as a candidate short-term measure:

  “Consider and analyse measures to encourage port developments and activities globally to facilitate reduction of GHG emissions from shipping, including provision of ship and shoreside/onshore power supply from renewable sources, infrastructure to support supply of alternative low-carbon and zero-carbon fuels, and to further optimize the logistic chain and its planning, including ports;”
The IMO – EU Global MTCC Network Project (GMN)
AN ESTABLISHED GLOBAL NETWORK TO SUPPORT IMO’s INITIAL GHG STRATEGY THROUGH CAPACITY BUILDING AND TECHNOLOGY TRANSFER IN DEVELOPING REGIONS

MTCC-CARIBBEAN

MTCC-AFRICA

MTCC-ASIA

MTCC-LATIN AMERICA

MTCC-PACIFIC
What has been achieved so far?
Capacity building

- more than 1000 participants from more than 80 countries
- 6 regional
- 7 sub-regional
- 15 national workshops
Technology transfer

• Global exhibition series

Ship speed reduction

Solar power

Air lubrication

Wind power

Diesel-electric propulsion
GHG reductions

Energy efficiency & GHG emissions

Ship Fuel consumption: US$ 100 to 150 Billion / year

Current Emissions: 950 Million T COeq
Further information

• GMN project website: http://gmn.imo.org/

http://www.mtccasia.org
http://mtccafrica.jkuat.ac.ke
https://utt.edu.tt/index.php?wk=68
https://mtcclatinamerica.com
http://mtccpacific.spc.int