The launch event of MTCC-Asia on 15th May 2017 in Shanghai Maritime University, China.

About 80-100 participants from the world, mainly the stakeholders and partners from Asian countries, to witness the inauguration event.
Kitack Lim, IMO Secretary General
“It is a great honor to be at SMU to open the MTCC-Asia. I would like to show my appreciation to the hard work you have done to make the MTCC-Asia possible.”

Ms. Vicky Pollard, representative of the European Union Delegation to China and Mongolia
“We are delighted to be supporting the IMO to set up this new Maritime Technology Cooperation Centre in Shanghai, so that together we can support Least Developed Countries in the region to limit greenhouse gas emissions from their maritime shipping sector, and to reap the wider benefits this will bring in terms of reduced costs, jobs and sustainable development.”

He Jianzhong, vice Minister of Transportation Ministry of China
“Shanghai Maritime University won the bidding of MTCC-Asia among many other bidder and the establishment of MTCC-Asia in Shanghai will bring new opportunities and tremendous vitality to China’s green shipping development and the Shanghai International Shipping Center.”

Chen Yin, vice Mayor of the Shanghai Municipal Government
“I hope IMO will work together with Shanghai to build MTCC-Asia into a center that is outstanding among the 5 MTCCs. Shanghai will continue to support IMO to designate more functional institutions to Shanghai.”

Mr. Huang Youfang, President of Shanghai Maritime University

Zhang Lin, Vice Director General of Shanghai Municipal Transportation Commission

Xu Ruqing, Director General of MSA China
MTCC Events and Activities

Shanghai Mayor Met IMO General Secretary

The establishment of MTCC-Asia in Shanghai under IMO will further improve the building of In Shanghai International Shipping Center and the maritime service system."

MTCC-Asia Chairman Jin met WMU President

Xie Feng, Director General of Shanghai Municipal Transportation Commission exchanged views on the role of MTCC-Asia.

Seminar on Uptaking of Ship Energy Efficient Technologies and Operations

A two days seminar, from 22th to 23th June 2017, was held in the city office of MTCC-Asia in Shanghai with the stakeholders from maritime industries.

Seminar on Fuel Consumption Data Collecting and Reporting

A two days seminar, from 24th to 25th June 2017, was held in the city office of MTCC-Asia in Shanghai with experts and professionals from maritime administrations and the shipping industry.
MTCC Initiatives

The International Maritime Organization (IMO) and the European Commission (EC) reached an agreement in December 2015 to establish and seed-fund a global network of five Maritime Technology Cooperation Centres (MTCCs) in developing countries in the framework of the “Capacity Building for Climate Mitigation in the Maritime Shipping Industry” Project, with a €10 million funding contribution from the European Union (EU).

The MTCCs will be established by the selected Host Institutions (HIs), to build regional capacity and uptake of low carbon technologies and operations in the shipping sector. The four-year project will target five regions – Africa, Asia, the Caribbean, Latin America and the Pacific. These regions have been chosen mainly for their significant number of LDCs and SIDS.

The concept of establishing a global network of MTCCs to accelerate capacity building and technology transfer in the maritime field arose in response to a resolution (MEPC.229(65)) adopted by IMO in 2013, on “Promotion of Technical Co-operation and Transfer of Technology relating to the Improvement of Energy Efficiency of Ships”. It is based on the negotiations at IMO and the United Nations Framework Convention on Climate Change (UNFCCC), and also on contacts with beneficiary countries. This project targets at the maritime shipping industry, a sector with rapidly growing greenhouse gas (GHG) emissions.

The overall objective of the Project is to support selected developing countries in limiting and reducing GHG emissions from their shipping sector through technical assistance/capacity-building to promote shipping low carbon and energy efficient technologies and operations.

Maritime Profile in Asia

With 14 percent of the world coastline, Asia is the habitat of as much as 60% of the world population. According to the statistics, it produces 35% of the world GDP annually. Shipping in Asia plays an important role in the world shipping industry. 24% IMO members come from Asia. Asia loads 41% while unloads 60% of world seaborne trade each year. It owns 30% of the national flagged fleet and 47% of the fleet ownership in the world as well. In addition, 15 out of the top 20 top ports are located in Asia. 17 of the top 20 container ports are in Asia whose annual throughput capacity reaches up to 60% of the world. In terms of ship building and ship scrapping capacity, Asia is rated at 95% and 90% of the world respectively.

IMO Members in Asia

Global MTCC Network

Maritime Profile in Asia

(1) Members of the IMO
24.00%

(2) Population of the world
57.94%

(3) GDP of the world
34.87%

(4) Merchandise exports of the world
33.00%

(5) Merchandise imports of the world
35.47%

(6) Loaded seaborne trade of the world
40.00%

(7) Unloaded seaborne trade of the world
60.00%

(8) Coastline of the world
13.75%

(9) National flagged fleet of the world
20.03%

(10) Fleet ownership of the world
47.07%

(11) Container port throughput of the world
60.73%

(12) 20 top ports of the world
85.00%

(13) Ship building of the world
75.60%

(14) Ship scrapping of the world
59.55%
In April 2016, IMO issued the bidding invitation for the host institution of MTCC in the world. In December 2016, Shanghai Maritime University (SMU) was selected by IMO to host MTCC-Asia.

**Vision**

- **SHARE** of the successful experience and reliable results within regional maritime administrations, port authorities, other relevant government departments and related shipping stakeholders via effective communication and visibility actions in the pursuit of the implementation with the IMO Instruments such as MARPOL Convention.

- **SUSTAINABLE** development of shipping industry in maritime sector through dissemination, workshop, MET and technology cooperation.

**Mission**

- assess the condition of GHG mitigation and energy efficiency for ships operating in the Asian region by cooperating with all the Asian stakeholders, so as to enforce the respective and effective implementation of the MTCC-Asia work plan

- improve the communication between Asian countries and maritime industries to accelerate the implementation of the green shipping strategies as well as the advanced technologies within the Asian region

- transfer the GHG mitigation and energy efficiency technologies as well as practices of management to enhance the capacity building for the maritime specialists in the Asian region

- cooperate with other MTCCs under the guidance of IMO so as to accomplish the designated tasks

**MTCC-Asia**

In April 2016, IMO issued the bidding invitation for the host institution of MTCC in the world. In December 2016, Shanghai Maritime University (SMU) was selected by IMO to host MTCC-Asia.
Organizational Structure

Roadmaps for Pilot Projects

Pilot Project 1: uptaking of ship energy efficient technologies and operations

Pilot Project 2: fuel consumption data collecting and reporting
Function of Branch Offices

- facilitating the coordination and organization of relevant workshops, conferences, researches and training courses in Cambodia, Bangladesh and Myanmar respectively;
- assisting in disseminating the information such as newsletters and new technology publications from the MTCC; encouraging the more partnership for project implementation.

Each Office is planned to designate a part-time contact person under the guidance the local partners.

Messages from Kitack Lim, Secretary General of IMO

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Chairman of International Maritime Lecturers Association
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