MARITIME TECHNOLOGY COOPERATION CENTRE AFRICA
(MTCC-Africa)

CAPACITY BUILDING FOR CLIMATE CHANGE IN THE MARITIME SHIPPING INDUSTRY
THE GLOBAL MTCC NETWORK (GMN) PROJECT

Madagascar National Workshop
Calypso Hôtel de luxe à Tamatave
Toamasina, Madagascar
16th to 17th May 2018

This project is financed by the European Union and implemented by the International Maritime Organization
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1 Summary of Report

The International Maritime Organization (IMO) intends to reduce greenhouse gas emissions through improvements in energy efficiency and increased uptake of low-carbon technologies in the Maritime Shipping Industry.

With financial assistance from the European Union, IMO has set up Maritime Technology Cooperation Centres (MTCCs) in Latin America, the Caribbean, Pacific, Asia and Africa. These five MTCCs constitute the Global MTCC Network (GMN), which is implementing this IMO project titled “Capacity Building for Climate Change in the Maritime Shipping Industry”.

The contract for establishment of the Maritime Technology Co-operation Centre Africa (MTCC-Africa) was signed on 2nd February 2017 between IMO and Jomo Kenyatta University of Agriculture and Technology (JKUAT). JKUAT hosts MTCC-Africa in partnership with Kenya Maritime Authority (KMA) and Kenya Ports Authority (KPA).

Under the Project Workplan, MTCC-Africa undertook to hold Four (4) National Workshops and Two (2) Regional Workshops during the project period.

Agence Portuaire, Maritime et Fluviale (APMF), Madagascar’s maritime authority, in collaboration with MTCC-Africa conducted a National Workshop in Toamasina, Madagascar, between 16 and 17 May 2018, at the Calypso Hôtel de luxe à Tamatave.

The delegates who attended the two days workshop were drawn from the Madagascar maritime industry, Government Ministries, climate change focused agencies, and institutions of higher learning.

Under the workshop theme “MTCC Africa, MARPOL Annex VI and Debate on African Ports”, participants were sensitized on the impact of maritime shipping on air quality within ports, effects on climate change and the need for energy efficiency onboard ships. In addition, participants were briefed on international laws governing marine pollution (MARPOL), the time frame within which States are expected to implement various mitigation strategies and the support desired by MTCC-Africa.

MTCC-Africa is therefore grateful for the cooperation received from Agence Portuaire, Maritime et Fluviale (APMF), the financial support from the European Union and technical assistance from IMO.

This Report covers the planning processes and proceedings of the National Workshop held at Calypso Hôtel de luxe à Tamatave, Toamasina, Madagascar, from 16 to 17 May 2018, Madagascar.
Figure 1 – Map of Madagascar showing the various Ports
2 Madagascar National Workshop

Agence Portuaire, Maritime et Fluviale (APMF), Madagascar’s maritime authority, in collaboration with the Maritime Technology Co-operation Centre for Africa Region (MTCC-Africa) conducted a National Workshop in Toamasina, Madagascar, between 16 and 17 May 2018, at the Calypso Hôtel de luxe à Tamatave. It was a capacity building event on climate change, that was made possible with financial support from the European Union and technical oversight by the International Maritime Organization (IMO).

2.1 Workshop Objectives

Under the workshop theme “MTCC Africa, MARPOL Annex VI and Debate on African Ports”, participants were sensitized on the following:

- Global Maritime Technology Cooperation Centers Network (GMN)
- Vision and objectives of MTCC-Africa
- Impact of maritime shipping on air quality within ports
- Effects of fossil fuel emissions on climate change
- Need for energy efficiency onboard ships
- The need to embrace low carbon technologies in maritime shipping industry
- International conventions and laws governing marine pollution (MARPOL)
- Efforts and support from the European Union on climate change
- The need for States to actively participate in IMO activities

2.2 Workshop Outcomes

At the end of the two days workshop, the following was achieved:

a. A memorandum of understanding (MOU) was signed between APMF and MTCC-Africa
b. The participants understood the impact of maritime shipping industry on climate change
c. The contribution of the European Union on climate change mitigation measures was appreciated
d. The role of IMO as a technical resource on maritime pollution was explained
e. Benefits of collaborating with MTCC-Africa and their roles in achieving MTCC-Africa’s objectives was understood.
3 Activities Preceding the Workshop

3.1 Project Steering Committee Meeting

MTCC-Africa Project Steering Committee (PSC) held a Meeting at the Ministry of Transport, Infrastructure, Housing and Urban Development (MOTIHUD), at Transcom House, on 23 February 2018. The meeting was chaired by the Principal Secretary in charge of the State Department for Shipping and Maritime, Mrs. Nancy W. Karigithu, CBS.

Among other agendas, the PSC formed a workshop-coordinating-committee with the MTCC Head as chair. A draft program was drawn that identified relevant topics, which was then sent to IMO-PCU for advice. They also directed that that delegates were to be invited to the workshop using a letter head jointly designed by APMF and MTCC-Africa. Delegates who elected to attend the workshop, were to cater for their travel and accommodation expenses or be sponsored by their nominating institutions.

3.2 Focal Points Role

The outreach mechanism for MTCC-Africa to the rest of the continent is through Focal Points (Champions) from selected countries. MTCC-Africa continues to maintain the coordination role through Ms. Maureen Kitheka while APMF identified Ms. ANDRIA-MANATENA Johanne Francia Anja Harivelso.

The contribution of the two Focal Points in facilitating the signing of the Memorandum of Understanding (MOU) and the overall success of this National Workshop is well appreciated.

3.3 Theme of the Workshop

Africa has fifty-four (54) countries, out of which only nine (9) have ratified MARPOL Annex VI which deals with Prevention of Air Pollution from Ships. The nine countries are: Benin, Congo, Ghana, Kenya (MTCC-Africa Host), Liberia, Nigeria, Sierra Leone, South Africa and Tunisia. It is this low level of ratification that influenced MTCC-Africa to settle on the theme “MTCC Africa, MARPOL Annex VI and Debate on African Ports”.

3.4 Program for the Workshop

Following consultations with IMO-PCU and APMF, the first draft of the program for the Madagascar National Workshop was ready for distribution by March 2018. The structure of the program provided for a high level opening ceremony, signing of a Memorandum of Understanding (MOU), technical topics to be presented over the two days, identification of appropriate speakers and facilitators, the logical order of the topics and the logistics thereof.

The full program is attached to this report as a separate document.
Target Group
The target group for this workshop is mainly Africa’s Ports, Maritime Authorities, Maritime players in private sector (Ship Owners/Agents) and Maritime Training Institutions.

The main Language of Communication will be French. However, English Language Translation will also be provided.

Program Day 1, 16th May 2018

<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>PRESENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Opening Ceremony and Official Launch of Madagascar Workshop</td>
<td>• Mr. AMADE Joseph, the Deputy Director General of Agence Portuaire Maritime et Fluviale (APMF)</td>
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<tr>
<td></td>
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<td>• Eng. Michael MUCHIRI, the Head of the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa)</td>
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<td>• Mr. Landry Michael RAMAROJOHN, the Secretary General at the Ministry of Transport and Meteorology</td>
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<td></td>
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<td>• Signing of MOU between MTCC-Africa and APMF Madagascar</td>
</tr>
</tbody>
</table>

GROUP PHOTOGRAPHS

HEALTH BREAK

Press Interviews of Chief Guests

Figure 2 – Agenda / Programme for Madagascar National Workshop

3.5 Speakers / Resource Persons

Once the program was developed around the selected theme, we identified suitable speakers from the local inventory of technical experts in APMF. However, some of the topics were best handled by expertise from the European Union and the International Maritime Organization (IMO).

MTCC-Africa therefore made a formal request for one resource person from IMO who was graciously availed and facilitated on his traveling and accommodation expenses.

The final program had the following as key resource persons:

- Mr. Landry Michael RAMAROJOHN, the Secretary General at the Ministry of Transport and Meteorology
- Mr. CAMILLE Bourgeon, IMO Technical Expert,
Maritime Technology Cooperation Centre Africa (MTCC - Africa)

- Mr. AMADE Joseph, the Deputy Director General of Agence Portuaire, Maritime et Fluviale (APMF)
- Mr. TAFANGY Adonis, Director of International, Legal and Environmental Affairs at Agence Portuaire, Maritime et Fluviale (APMF)
- ANDRIA-MANATENA Johanne Francia Anja Harivelo the Focal Point for MTCC-Africa in Madagascar
- Michael MBARU, Green-house-Expert (GHG) from the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa)
- Eng. Michael MUCHIRI, the Head of the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa)

Each speaker was informed of their topic(s) early enough and time slot(s) allocated to enable them prepare adequately.

3.6 Venue of the Workshop

The main criteria for selection of a venue was accessibility to public transport, large conference room, well secure and with all standard facilities. APMF conducted a market survey and due diligence in Toamasina, whereby they settled on Calypso Hôtel de luxe à Tamatave to be the venue for the National Workshop. The following was provided:

- Plenary hall for 50 persons
- Branding with conference theme colours
- Furniture – tables and chairs in conference room (classroom style)
- Registration desk for Secretariat Team
- Delegates Stationery (writing pad and pen)
- Mineral water (2 bottles per person per day), glass, mints on the desk
- LCD Projector and Screen
- Public address system with two remote microphones
- Podium / rostrum
- Free Wi-Fi
- Flip chart and appropriate marker pens
- White Board and appropriate marker pens + duster

Lunch and refreshments

- Am/pm tea/coffee with cookies – Located outside but close to conference room
- Buffet Lunch with one juice / soft drink – at Dining Room

In addition to the above standard facilities, APMF provided a translation cubicle and associated equipment (headphone cum microphone) for 50 participants. This enabled us proceed smoothly in either French or the English Language.
3.7 Delegates Information Package

Having settled on the workshop venue to be the Calypso Hôtel de luxe à Tamatave, in Toamasina, APMF prepared a list of other hotels in the neighbourhood where delegates could get accommodation of their choice. In addition, they provided standard information for international guests, basically on how to get to the venue, a simple map of Toamasina Town and the various points of interest, and other information useful to travellers. Short term VISAs to Madagascar were available at a fee from their Immigration Department upon arrival at IVATO International Airport, Antananarivo.

A copy of the Delegates Information Package / Brochure is attached at the end of this report as a separate document.

3.8 Delegates Invitation List

APMF identified local delegates for invitation to the workshop. Outside of Madagascar, they invited neighbouring island states and southern African countries.
The list of invitees comprised actors from the maritime shipping industry, climate change focused agencies, Government Agencies and institutions of higher learning. They were all to cater for their own expenses since MTCC-Africa had a limited budget. For the avoidance of doubt, the following statement was inserted in the invitation letter:

*[Please note that each nominating institution will meet the costs of travel and subsistence related to the attendance of their nominees]*

A sample invitation letter is attached in the appendix as a separate document.

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**Figure 4 – Business Languages of Africa**

### 3.9 Branded Items

APMF and MTCC-Africa jointly designed all communication and visibility items that were to be used at the workshop. These included branded badges, tote bags, document folder, banners (horizontal, pop-ups, and tear-drops), notebooks, pens and delegate registration forms. We also designed certificates that were presented to delegates at the end of the workshop.
Figure 5 – Branded Items

Figure 5 – Branded Items
Figure 5 – Branded Items
Figure 5 – Branded Items
3.10 MTCC-Africa Staff Travelled to Madagascar

MTCC-Africa facilitated two members of staff to travel to the Madagascar National Workshop to participate as resource persons and as a learning experience. These were Ms. Maureen Kitheka, the Focal Points Coordinator and Eng. Michael Muchiri, the Project Head.

Their travel documents (inbound and outbound) are attached to this report in a separate folder.
4 Workshop Proceedings

4.1 Registration of Delegates

Each delegate upon arrival registered their arrival by appended their signature and provided their contacts. They were immediately issued an identification badge complete with a lanyard for ease of interaction with other workshop participants. This badge was also the access pass for the refreshment area and conference lunch.

Once inside the conferencing room, at each sitting position were branded stationeries including a notebook, pen, brochures and a document wallet.

The total number of delegates registered were 45 participants, from 6 Countries; being 3 from Kenya, 1 from Mauritius, 1 from Mozambique, 1 from South Africa, 1 from United Kingdom and the balance of 38 from Madagascar. In terms of gender representation, of the 45 delegates, 38 (84.4%) were male while 7 (15.6%) were female.

The signed registration forms are annexed at the end of this report in a separate folder. The same is reproduced as a list at the end of this document for ease of reference.

![Figure 6 – Registration Desk at the entrance of conferencing room](image-url)
4.2 Opening Ceremony

The program for the Madagascar National Workshop started with an official opening ceremony, which was graced by Chief Guests, participants and media personnel. To accommodate the extra numbers, we had to add extra chairs at the back which were removed in subsequent sessions.

After a round of self-introduction by all participants facilitated by the Master of Ceremony Mr. RAZAFIARISOA Jean Michel, the following delivered opening speeches:

- Mr. AMADE Joseph, the Deputy Director General of Agence Portuaire, Maritime et Fluviale (APMF)
- Eng. Michael MUCHIRI, the Head of the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa)
- Mr. Landry Michael RAMAROJOHN, the Secretary General at the Ministry of Transport and Meteorology, who declared the Madagascar Workshop as officially open.
4.3 Memorandum of Understanding (MOU) Signing

The Memorandum of Understanding (MOU) was a gentleman’s agreement (informal and legally non-binding agreement) between MTCC-Africa and APMF. It was well crafted to ensure it doesn’t violate the laws or regulations of either State.

Its purpose of the MOU was as follows:

- To establish the basis of cooperation between APMF and MTCC-Africa
- To formally enable MTCC-Africa provide support to APMF
- To jointly participate in capacity building activities in the Region

The formal signing of the Memorandum of Understanding (MOU) was done on 16 May 2018, just after the Chief Guests had given their keynote addresses.

A copy of the signed MOU is attached to this report as a separate document.

Figure 8 – Extract from the Memorandum of Understanding (MOU)
Figure 9 - Signing of the Memorandum of Understanding (MOU) between the Maritime Technology Cooperation Centre for Africa Region (MTCC-Africa) and Agence Portuaire, Maritime et Fluviale (APMF) Madagascar’s maritime authority, on 16 May 2018, at Toamasina, Madagascar

Back-Row Mr. Landry Michael RAMAROJOHN, the Secretary General at the Ministry of Transport and Meteorology (Witnessing the signing of MOU)

L-R ANDRIA-MANATENA Johanne Francia Anja Harivelto the Focal Point for MTCC-Africa in Madagascar, Eng. Michael MUCHIRI, the Head of the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa) and Mr. AMADE Joseph, the Deputy Director General of Agence Portuaire, Maritime et Fluviale (APMF)
4.4 Group Photographs

At the end of the official opening ceremony, group photographs were taken to capture the memories. These were archived in the MTCC-Africa website http://mtccafrica.jkuat.ac.ke/

Figure 10 – Group Photograph

L-R Eng. Michael MUCHIRI, the Head of the Maritime Technology Cooperation Centre for the Africa Region (MTCC-Africa), ANDRIA-MANATENA Johanne Francia Anja Hariveloo the Focal Point for MTCC-Africa in Madagascar, Mr. Camille Bourgeon, IMO Technical Expert, Mr. Landry Michael RAMAROJOHN, the Secretary General at the Ministry of Transport and Meteorology, Mr. AMADE Joseph, the Deputy Director General of Agence Portuaire, Maritime et Fluviale (APMF) and Mr. TAFANGY Adonis, Director of International, Legal and Environmental Affairs at Agence Portuaire, Maritime et Fluviale (APMF)
4.5 Presentations from Resource Persons

After the official opening ceremony, group photographs and a health break, technical presentations followed. They were delivered by various experts on climate change and the maritime shipping industry.

Each of the technical presentations was followed by a question and answer session, details of which are provided with this report as a separate document.

At the end of the workshop, all the presentations were compiled into a folder and sent to each participant.

A link was also provided in the MTCC-Africa website (http://mtccafrika.jkuat.ac.ke/) for ease of future retrieval and downloading.
Figure 1 – Mr. Camille Bourgeon, IMO Technical Officer making a presentation

Figure 12 – Mr. Michael Mbaru, MTCC-Africa GHG Expert giving a presentation
Figure 13 – Mr. TAFANGY Adonis, Director of International, Legal and Environmental Affairs at Agence Portuaire, Maritime et Fluviale (APMF) giving a presentation

Figure 14 – Mr. AMADE Joseph explaining to Mr. Camille Bourgeon the achievements of APMF
The full list of Technical Presentations is as shown below:

1. Madagascar as a Focal Point Country for Island States - Michael Muchiri
2. Formation of MTCC Africa - Michael Muchiri
3. Safe Secure Efficient Shipping on Clean Oceans - Michael Muchiri
4. Need for Fuel Consumption Data Collection - Michael Muchiri
5. Support to Emissions Reduction with Conditions - Michael Muchiri
7. Madagascar Procédure de ratification Et De Mise En Oeuvre Des Conventions Maritimes Internationales – TAFANGY Adonis
8. Législations de Madagascar sur la Pollution Marine MARPOL Annexe VI - Johanne
9. Pilot Projects on Emissions Reduction Details - Michael Mbaru
10. L’Union Europeenne et le changement climatique - CAMILLE
11. Le GMN – Global MTCC Network - CAMILLE
12. Le secteur maritime soucieux de l’environnement a travers l’Annexe VI de la Convention MARPOL - CAMILLE
13. Madagascar IMO Conventions Ratified 2018 March 20
14. Madagascar IMO Conventions Ratified MARPOL Only
15. Madagascar IMO Conventions Ratified MARPOL Only
16. Map of Madagascar showing all ports
4.6 Women in the Maritime Sector

Women contribute to the maritime sector in strengthening the development and sustainability of the maritime and ports communities. In this regard, IMO has in recent years encouraged Integration of Women in the Maritime Sector (IWMS) particularly in quality employment and transitioning to management / leadership positions.

Within the Western Indian Ocean Region, one of the active champions for women is the Association of Women Managers in the Maritime Sector in East and Southern Africa (WOMESA), which was established in Kenya in 2007, under the auspices of IMO. Madagascar has been an active participant in WOMESA since its inception, and they formed their National Chapter in 2016. During the Madagascar National Workshop, APMF and MTCC-Africa provided the women who turned up for the training, the necessary space to enable them participate effectively. This was in line with the United Nations Sustainable Development Goals (SDGs), in particular (SDG 5) which aims to “achieve gender equality and empower all women and girls”.

At the end of the workshop, they were all appreciated and encouraged to take up additional and higher roles in the maritime shipping industry.
Figure 17 – Integration of Women in the Madagascar Maritime and Shipping Sector
Way Forward - Agreed Points

Upon completion of technical presentations, APMF and MTCC-Africa arrived at the following consensus:

1. To fast-track the ratification of MARPOL annex VI;
2. To domesticate IMO Conventions into national legislation;
3. To continue collaborating with MTCC-AFRICA on capacity building for climate change in the Region; ship energy efficiency; and adoption of low carbon technologies
4. That APMF continues to actively participate in IMO Assemblies, Meetings, Intersessional Working Groups and the Marine Environment Protection Committees (MEPC) meetings, especially on climate change matters affecting Island States;

4.7 Closing Ceremony

At the end of the second and final day, the workshop was officially closed with a short ceremony where each participant was issued a certificate of attendance.

Figure 18 – Certificate of Attendance
4.8 Tour of Toamasina Port

After the conferencing part of workshop was officially closed on 17 May 2018, delegates whose flights were later that night or on the following day, were taken on a tour of Toamasina Port.

During the guided visit, the following was noted:

- Toamasina is Madagascar's primary cargo port.
- It is an Autonomous Port regulated and governed by a government body called Société de Gestion du Port Autonome de Toamasina (SPAT). SPAT is a private company of which majority shares are owned by the Government. SPAT therefore acts as the port authority on behalf of APMF as provided in statute Law 2003-025.
- The port has been concessioned out to Madagascar International Container Terminal Services (MICTSL), which is a subsidiary of International Container Terminal Services Inc. (ICTSI).

The tour vans passed by the offices of APMF located inside the Port. Delegates were then disembarked and boarded a tug called NOE TOAMASINA, for a one-hour sea ride to the location of the proposed new berths and sea wall.

Figure 19 – Toamasina Port aerial view
4.9 Reception / Cocktail Party

During the evening of the first day of the workshop, the Madagascar Maritime Authority (APMF) sponsored a reception / cocktail party, which was a social gathering for all the participants. It had drinks, light refreshments and musical entertainment.

Participants had the opportunity to of knowing each other better and had one to one conversations in a relaxed environment. Business cards were exchanged, there was interaction, networking, socializing, and generally celebrating the success of the Madagascar National Workshop.

5 Media Coverage of the Event

APMF had designed a Press Release for issue to the media practitioners at the end of the opening session. The Chief Guests were also interviewed by electronic media which ensured coverage in print media, television, radio, internet and even social media.

Our own social media account of twitter (https://twitter.com/mtcc_africa) was also actively tweeting and retweeting. The various sites that covered us are listed below, while the actual articles are attached as an appendix at the end of this report.

Maritime Technology Cooperation Centre Africa (MTCC - Africa)

https://www.facebook.com/MTMMadagascar/posts/2017300805249939

Figure 21 – Print Media

**Coopération technique.** Notons que chaque MTCC est un centre d’excellence régional et regroupe les pays de la région. Il s’attèle ainsi à la coopération technique, au renforcement de capacité et aux transferts de technologie des pays membres. Madagascar fait partie des 42 pays qui tombent sous la coordination du MTCC Afrique dont le centre d’excellence est l’Université d’Agriculture et de Technologie Jomo Kenyatta. Les autorités maritimes et portuaires, les écoles de formation maritime, les compagnies maritimes et les autorités en charge de la protection de l’environnement, ainsi que des représentants des autorités maritimes et portuaires des pays voisins comme l’Afrique du Sud, Maurice et Mozambique et les membres du MTCC Kenya ont participé à cet atelier national. Le thème est axé sur “MTCC-Afrique, débat sur les ports africains et la mise en œuvre de l’annexe VI de MARPOL”

**Convention.** Par ailleurs, des formations suivant des thèmes particuliers dont entre autres, le changement climatique, sont organisées à l’endroit des participants dans le cadre de cet événement. Cela a été suivi par la signature d’une convention de partenariat sur la préservation de l’environnement maritime entre l’APMF représenté par le directeur général adjoint Ahmad Joseph, et le MTCC-Afrique représenté par le directeur général, Muphini Michael. Il faut savoir également que Madagascar a déjà participé à la 72e réunion du comité de l’environnement marin au sein de POMI (MEPC). C’était une étape historique pour l’industrie maritime, avec l’adoption de la stratégie pour la réduction des émissions de gaz à effet de serre provenant des navires en avril dernier. Cette stratégie initiale servira ainsi de cadre à tous les États Membres de POMI, a-t-on conclu.

_Navalona R._

**Figure 21 – Print Media**
Figure 22 – Internet Media
The Maritime Technology Cooperation Centre is a project of the IMO which aims to reduce Green House Gas emissions by increasing energy efficiency in the Maritime Shipping Industry. As such it has, established MTCC centres in Africa, Asia, the Pacific, Latin America and the Caribbean. MTCC Africa is headed by Engineer Michael Muchiri. It recently held a National maritime workshop in Toamasina, Madagascar from 16th to 17th May under the theme "MTCC Africa, MARPOL Annex VI, Debate on African ports". Below are some photos from the event.

Figure 23 – Coverage on Facebook
Figure 24 – Coverage on Twitter
6 Lessons Learnt

6.1 Airline Flights Limitations

Flights to Antananarivo the capital city of Madagascar were readily available. However, flights out of Antananarivo to the workshop venue at Toamasina were erratic. As a result, participants whose last mile travel was by air missed the first day of the workshop. This was however compensated with a recap of DAY ONE at the beginning of DAY TWO.

The lesson learnt is that in future, for capacity building workshops located in remote locations, both resource persons and delegates should endeavor to travel at least half a day earlier.

6.2 Legal Experts Input Needed

IMO uses Legal Instruments to implement and maintain standards in areas of maritime safety, prevention of marine pollution, and shipping navigation and trade. These Instruments are Conventions (and their annexes), Protocols, Amendments, Recommendations, Codes, Guidelines, Circulars and Resolutions. Some are classified as mandatory and others as non-mandatory.

The Contracting Governments on their part give effect to the provisions of the Instruments by promulgating policies, laws (statutes), decrees, orders, publications (Gazettes) and regulations and to take all other steps which may be necessary to give them full and complete effect.

Some of these Instruments being very technical, ordinarily require Interpretation by persons well versed in Maritime Law. MTCC-Africa therefore proposes that future capacity building workshops, in addition to Climate Change experts, they should be buttressed by practitioners in MARPOL Annex VI or better still, maritime lawyers.

6.3 Evaluation / Feedback Forms

The essence of feedback from workshop participants is to measure the success of the training delivered. This is best done on the last day of the workshop by participants who had an overall view of the process. IMO-PCU provided feedback forms which were distributed to all participants.

All the feedback / evaluation forms received have been analyzed. The positive evaluations will be embraced as an appreciation of our efforts, while their recommendations will be incorporated into future training programs.

Some of the feedback forms were noted to be filled in part. This may be due to French language speakers being unable to provide accurate feedback for lack of translation services. In future, either the feedback form should have a translated version or alternatively the exercise be explained at plenary, with translation provided one question at a time.
From the above chart, out of 45 participants who registered on the first day of the workshop, we received 32 evaluation / feedback forms at the close of the workshop. Those who failed to return the feedback forms largely came to the opening ceremony only.

From the above chart, the facilitators were rated above 67% on all aspects. Participants desired to have more time devoted to answering their questions and providing solutions relevant to Madagascar.
From the above chart, the classwork was more important than the field trips. This is because majority of participants were already familiar with their own port of Toamasina.

From the above chart, the 32 participants scored the overall usefulness of the training and their level of satisfaction above 85%.

Greater emphasis should be placed on answering participants questions. However, for a two-day workshop availability of time remains a major constraint.

The need for small improvements on the workshop logistics is noted and will be addressed in future workshops.
7 Post Workshop Wrap-up

The day after the workshop was closed, APMF and MTCC-Africa went back to the venue and undertook the following:

- Evacuation of all workshop materials and equipment
- Settlement of bills required to be paid in cash and Collection of Invoices
- Hosting of workshop press releases on our website http://mtccafrica.jkuat.ac.ke/
- Circulated the following documents to all participants:
  - Programme (actual)
  - Group Photos
  - Technical Presentations

At the end of the exercise, we had a debriefing meeting where we took stock of our achievements, obstacles, challenges, insights and inspirations which will enable us host better events in future.

8 Attendance List

<table>
<thead>
<tr>
<th>Name</th>
<th>Gender</th>
<th>Job Title</th>
<th>Company / Organization</th>
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9 Appendices

The following documents are attachments to the Workshop Report, as separate DOCUMENTS.

i. Madagascar Workshop Request Letter from MTCC-Africa to APMF
ii. Madagascar Workshop Letter of Acceptance from APMF
iii. Madagascar Workshop Agenda / Program
iv. Delegates Invitation Letter
v. Delegate Data Form
vi. Delegates Information Package / Brochure
vii. Technical Presentations - Summary of contents
viii. Evaluation / Feedback forms Analysis of responses received

The following documents are attachments to the Workshop Report, as separate FOLDERS
ix. Attendance Signature lists
x. Presentations
xi. Branding Materials
xii. Media Coverage
xiii. Workshop Evaluation / Feedback Forms
xiv. Travel Documents (inbound and outbound) for MTCC-Africa Staff - Maureen Kitheka and Michael Muchiri

Links to the INTERNET

xv. Social media activities – https://twitter.com/mtcc_africa
xvi. Photos from the event - http://mtccafrica.jkuat.ac.ke/
xvii. Presentations and other workshop materials - http://mtccafrica.jkuat.ac.ke/
xviii. Press releases - http://mtccafrica.jkuat.ac.ke/
THANK YOU!