

OIL COMPANIES INTERNATIONAL MARINE FORUM



Environmental Plan

Developed by the OCIMF
Environmental Committee

01 September 2021

Vision: A global marine industry that causes no harm to people or the environment.

Mission: To lead the global marine industry in the promotion of safe and environmentally responsible transportation of crude oil, oil products, petrochemicals and gas, and to drive the same values in the management of related offshore marine operations. We do this by developing best practices in the design, construction and safe operation of tankers, barges and offshore vessels and their interfaces with terminals and considering human factors in everything we do.

1. Purpose

The purpose of this plan is to document the key objectives and actions for the environmental committee, to address key environmental risks, in advance of an overall Strategic Implementation Plan and to guide the efforts of the group whilst transitioning from the old to new ways of working.

2. Scope

The scope of this plan addresses key objectives that:

- spans across all operational activities of tankers, barges, offshore vessels, and their interfaces with terminals
- covers the four strategic priorities of publications, advocacy, programmes and membership collaboration
- includes short, medium and long-term key actions in line with findings from the stakeholder white paper that summarises wider member feedback regarding key environmental risks.

3. Objective

The objective of this plan is to ensure our work is properly prioritized around our highest environmental risks, namely greenhouse gas emissions and air pollution, in accordance with the Strategy.

4. Environmental Committee Function

This committee will function in accordance with Organizational structure as highlighted in Figure 1.

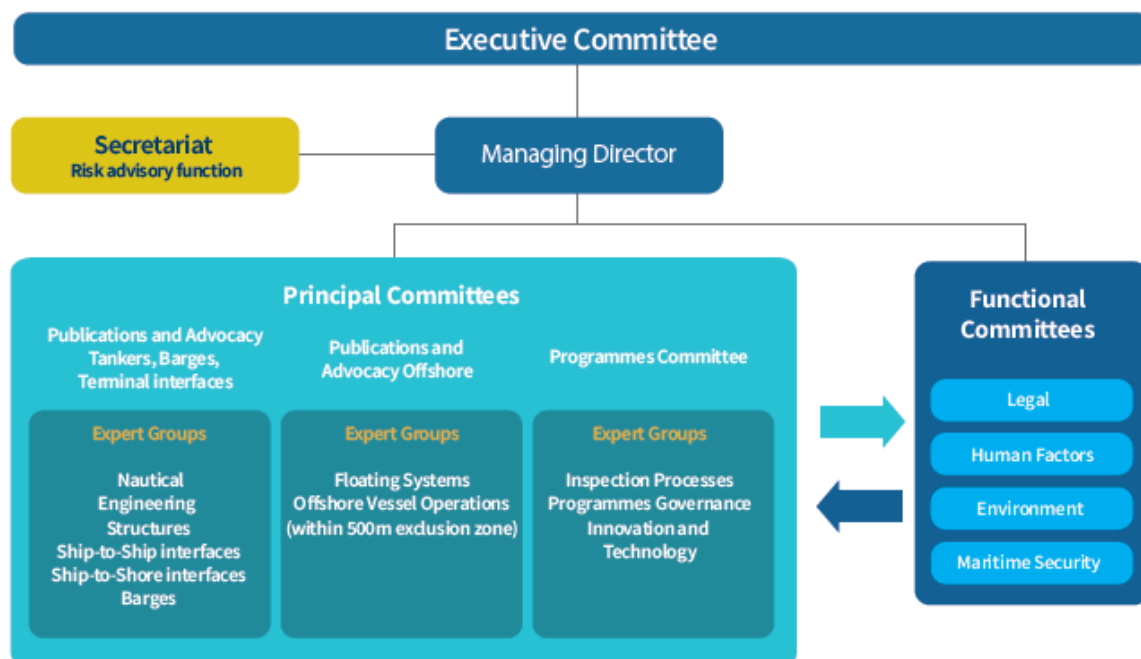


Figure 1

5. Methodology

OCIMF undertook a project to develop a paper that sets out its ambition(s) and action plan on the marine environment that is in line with our Vision, Mission and Strategic Priorities. The plan's development process consisted of three stages: development of a white paper, completion of a stakeholder workshop and delivery of a final plan on the marine environment.

The first stage of developing the white paper consisted of three steps including a desktop review, an online survey and complementary stakeholder consultations. OCIMF completed the members survey and consultations with excellent participation across the range of membership, which helped to build a more complete view of members' collective voice. They then completed analysis of the reviews and drafted a white paper that was shared at a virtual stakeholder workshop.

The purpose of this workshop was to present the white paper and to discuss development of the plan with key stakeholders as well as agree priority areas for action.

The top two areas were greenhouse gas emissions and air pollution which are consistent with previous member survey on the IMO (2018) and results of the Bow Tie and Prioritisation Matrix on the Environment (2020 – present).

Several proposed tactical actions were provided through the survey results and many themes and individual items were in line with a previous member survey on OCIMF Strategy (2019).

Whilst all marine environmental issues are equally important to us, our actions must be prioritised to allow us to address them effectively, so the basis of the key objective's matrix is focussed on the high priority environmental risks of greenhouse gas emissions and air pollution. The Committee agrees that other items are well managed by existing structures and will maintain a watching brief on other items to follow as shown in Figure 2.

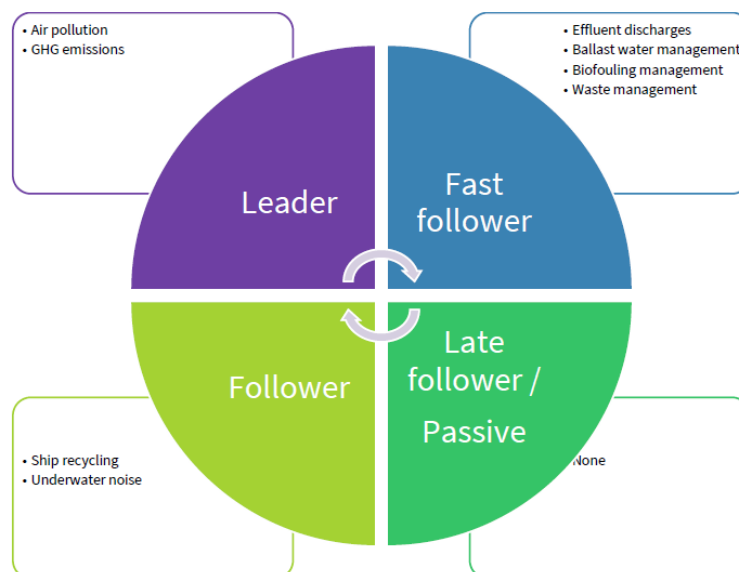


Figure 2

6. Key Objectives Matrix and further information

Appendix A shows the key outputs for environment and is aligned to OCIMF Vision, Mission and Strategic Priorities.

Alignment to this matrix should drive the collective efforts of the committee to include the environment into the existing and future outputs of OCIMF.

The Environmental white paper (Lloyd's Register, 07 August 2020) provides an overview of member's feedback regarding priority environmental risks. It is available upon request.

Appendix A – Key Objectives Matrix

(Primary objectives and critical tasks from OCIMF Strategic Priorities Table)

(Barriers from the current draft working version of Environmental Bow Tie)

Priority Area	Publications	Advocacy	Programmes	Member Collaboration
Primary objective	Prioritise best practices in critical areas of safety, health, maritime security and the environment	Promote best practices and regulatory compliance through collaboration with governments and industry	Develop inspection and self-assessment programmes for promoting best practices and regulatory compliance	Provide a forum for members to learn, share expertise and develop best practices
Critical task	Development and maintenance of up-to date, relevant publications that focus on <u>reducing</u> high impact risk	Effectively promote best practice and regulatory compliance to industry and governments	Effectively provide quality control and quality assurance of inspection and self-assessment programmes	Effective sharing of knowledge and learning
Short term actions (2021-2022)	<ul style="list-style-type: none"> - Review list of OCIMF publications linked to the environment and identify the ones specifically linked to high priority areas. - Review aged publication(s) related to high priority areas and make recommendation to retain, revise, or withdraw existing publications <ul style="list-style-type: none"> o GHG Emission-Mitigating Measures for Oil Tankers (2011) o Virtual Arrival (2011) 	<ul style="list-style-type: none"> - Review scope of IMO reports and upcoming work program and determine value to the members of committee and wider membership focussed on high priority areas. <p style="text-align: center;">Secretariat monitor IMO based upon committee recommendation</p> <ul style="list-style-type: none"> - Participate actively in discussions on new environment regulatory measures, which have been identified by OCIMF as high priority. - Explore possible collaboration with other Industry organisations (Intertanko, IPIECA) high priority environmental barriers relating to GHG and air emissions. <p>For instance:</p> <ul style="list-style-type: none"> - Low-carbon and zero-carbon fuels 	<ul style="list-style-type: none"> - Provide input to review of Vessel Inspection Programme (VIP) Project on high priority environmental barriers relating to GHG and air emissions. 	<ul style="list-style-type: none"> - Review Priority Matrix and Bow Tie as part of Strategy Implementation in Collaboration with EEG AND focus on high priority areas <ul style="list-style-type: none"> o Environmental Priority Matrix o Environmental Bow Tie Priority Threat Lines for GHG Emissions & Air Emissions - SIM leads review of priority matrices and bow ties AND Secretariat support this the initial internal work - Support OCIMF involvement in industry work in Together in Safety Working Group on Safety of Future Fuels - Support OCIMF involvement in industry work on DNV Stakeholder Engagement – Tanker Emission Control Technical Assessment
Medium term actions (2022-2023)	<p>Revise existing publication or produce new publication specifically linked to high priority environmental barriers relating to GHG and air emissions.</p> <p>For instance:</p> <ul style="list-style-type: none"> - Low-carbon and zero-carbon fuels 	<ul style="list-style-type: none"> - Review reports from IMO and upcoming work program and determine impact to existing outputs <ul style="list-style-type: none"> o PPR, MEPC, ISWG-GHG, CCC - Particulates –committee to monitor this item in the medium-term to enhance rules or guidance. 	<ul style="list-style-type: none"> - Provide input to review of Vessel (Tanker & Barge) Inspection Questionnaires (VIQs) and review environmental data from reports - Provide input to review of Offshore Vessel Inspection Questionnaires (OVIQs) and review environmental data from reports 	<ul style="list-style-type: none"> - Review opportunities for possible collaboration with other industry organisations on high priority environmental issues - Communicate the environmental plan and high priority areas across OCIMF groups - Establish Community of Practice (CoP) in Collaboration with EEG

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Critical task	Development and maintenance of up-to date, relevant publications that focus on <u>reducing</u> high impact risk	Effectively promote best practice and regulatory compliance to industry and governments	Effectively provide quality control and quality assurance of inspection and self-assessment programmes	Effective sharing of knowledge and learning
Long term actions (2023 +)		<ul style="list-style-type: none"> - Review reports from IMO and determine impact to new outputs <ul style="list-style-type: none"> o PPR, MEPC, ISWG-GHG, CCC <li style="text-align: center;">Secretariat monitor IMO based upon committee recommendation 	<ul style="list-style-type: none"> - Provide input to the revision of Tanker Management Self-Assessment (MSA) <ul style="list-style-type: none"> o Key Performance Indicators (KPIs) o Best Practice Guidance (BPG) - Provide input to the revision of Offshore Vessel Management Self-Assessment (OVMSA) <ul style="list-style-type: none"> o Key Performance Indicators (KPIs) o Best Practice Guidance (BPG) 	
Barriers	<p>The following barriers are coming from draft environmental bow tie threat lines and may evolve over time.</p> <ul style="list-style-type: none"> - Cleaner Energy – Cleaner fuel, Alternate Technology, Wind, Shore Power etc. - Voyage Management – Virtual arrival, Optimal Speed, Voyage Planning, Performance Monitoring, Weather routing. - Equipment Design – Hull, Pumps, Ventilation, Slide Valves, VOC Equipment, EEDI, EEXI, API, ASTM, IGF Code - Equipment Operation – IGS, Vapor control systems, ODS Equipment, , Engines, Generators, incinerators, Boilers, IMO Regs, OCIMF Guidance - Non-ODS Gas – Montreal protocol, MARPOL Annex 6, - SOx equipment – EGCS, Compliant Fuel, MARPOL Annex 6, ECA’s, MEPC Guidelines, - NOx Equipment – EGR, SGR, MARPOL Annex 6, ECA’s, MEPC Guidelines, NOx Technical Code 			