

# **Second Coordination Meeting of the Mediterranean Strategy for the Prevention of, Preparedness, and Response to Marine Pollution from Ships (2022-2031)**

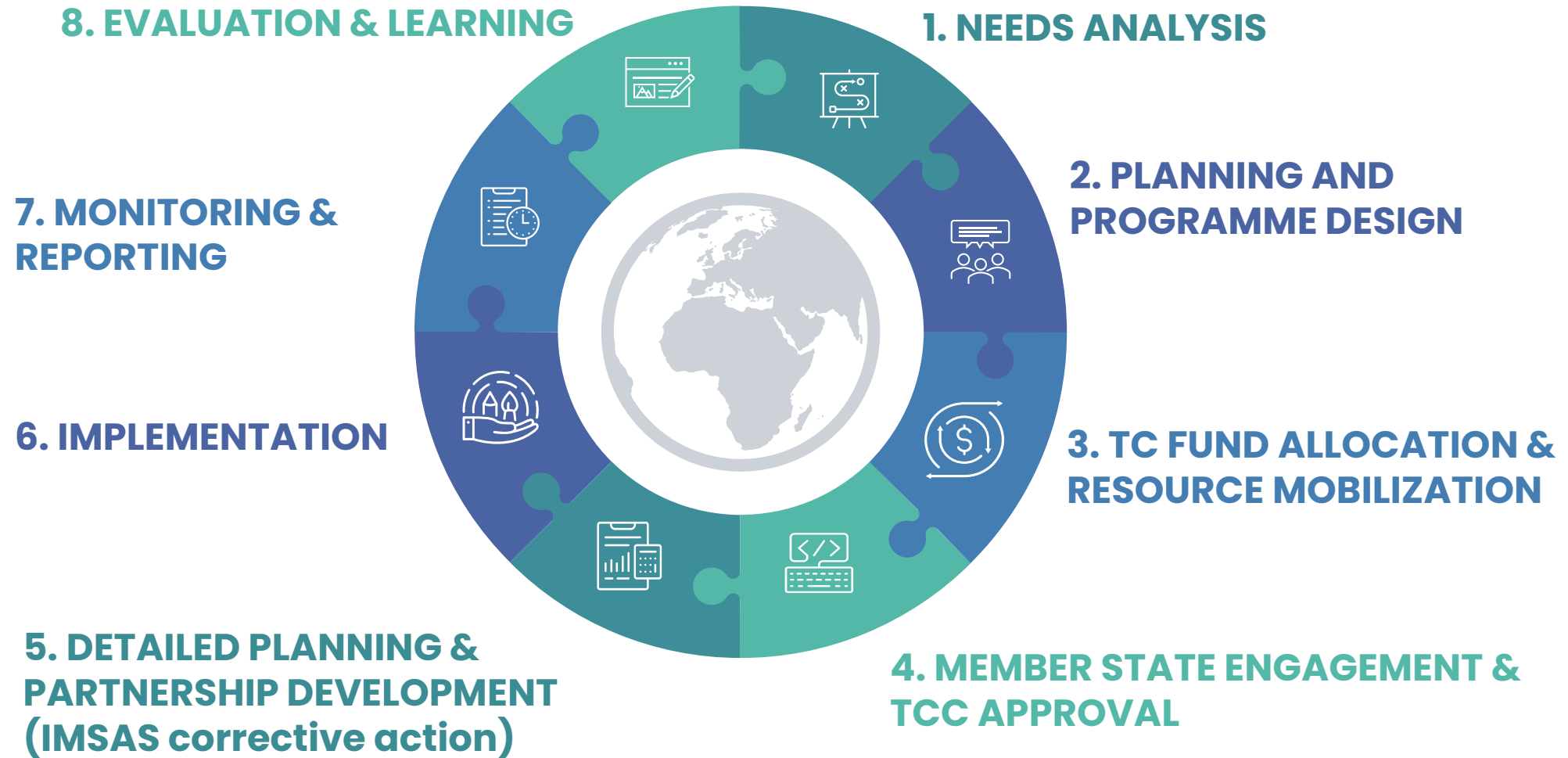
21 November 2024, Malta

**Opportunities to join projects, technical cooperation activities**

# TC Strategic Framework



# TC Planning & Implementation Process



# IMO's environmental ITCP activities in 2024 (11 activities)

Activity	Beneficiaries	Timeline
Workshop on the consistent implementation of IMO 2020 under MARPOL Annex VI and the 0.10% sulphur limit in the Mediterranean Sea Emission Control Area for Sulphur Oxides and Particular Matter (Med SOx ECA)	Bosnia and Herzegovina, Belgium, Croatia, Cyprus, Egypt, France, Greece, Israel, Lebanon, Libya, Malta, Monaco, Morocco, Montenegro, Portugal, Slovenia, Tunisia, Türkiye	May 2024
Subregional workshop on Oil Pollution Preparedness Response and Co-operation	Bulgaria, Georgia, Moldova, Romania, Türkiye, Ukraine	July 2024
National OPRC Level 3 workshop	Lebanon	August 2024
Regional workshop on data sharing, monitoring, and reporting in the field of Marine Oil and HNS pollution (MEDEXPOL 2024)	Bosnia and Herzegovina, Egypt, Libya, Montenegro, Morocco, Tunisia, Türkiye	September 2024
National workshop on ratification and effective implementation of MARPOL Annex VI with specific reference to Med SoX ECA requirements in Alexandria, Egypt	Egypt	26-27 November 2024

# IMO's environmental ITCP activities in 2024

Activity	Beneficiaries	Timeline
7th Conference of the Association of African Maritime Administration (7th AAMA) in Dar es Salaam, United Republic of Tanzania	Whole of Africa - <b>Egypt, Libya, Morocco</b>	30 November-1 December
National workshop on ratification and effective implementation of MARPOL Annex VI in Rabat, Morocco	Morocco	10-11 December 2024
Study on the environmental and legal impacts of the use of exhaust gas cleaning systems in the Mediterranean Sea	Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Monaco, Montenegro, Morocco, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye	Ongoing – Q1 2025
Technical and feasibility study to examine the possibility of designating the Mediterranean Sea Emission Control Area for Nitrogen Oxides (Med NO <sub>x</sub> ECA)	Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Monaco, Morocco, Montenegro, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye	Ongoing – Q3 2025

# IMO's environmental ITCP activities in 2024

Activity	Beneficiaries	Timeline
Study on the readiness of the Mediterranean region to respond to a maritime pollution incident involving low sulphur fuels, including gap analysis	Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Monaco, Montenegro, Morocco, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye	Ongoing – Q1 2025
Development of a manual on MARPOL Annex VI - How to Do It	Global	Ongoing – Q1 2025

# IMO's environmental ITCP activities planned for 2025 (8)

Activity	Beneficiaries	Timeline
Workshop on implementation of the 2023 IMO GHG Strategy and the Green Transition of Shipping in Africa, to be held in Mombasa, Kenya	Whole of Africa – Algeria, Morocco, Egypt	6-7 Feb 2025
Support to the International Oil Spill Forum (INTERSPILL 2025)	TBC	7-10 April 2025
Subregional workshop on oil and HNS preparedness and response in the Red Sea in Djibouti City, Djibouti	Djibouti, Eritrea, Egypt, Jordan, Oman*, Saudi Arabia*, Somalia, Sudan, Yemen	20-23 April 2025
Regional workshop - GHG Strategy implementation in Casablanca, Morocco (dates TBC)	Whole of west and central Africa (FR) - Algeria, Morocco, Tunisia	5-6 May 2025

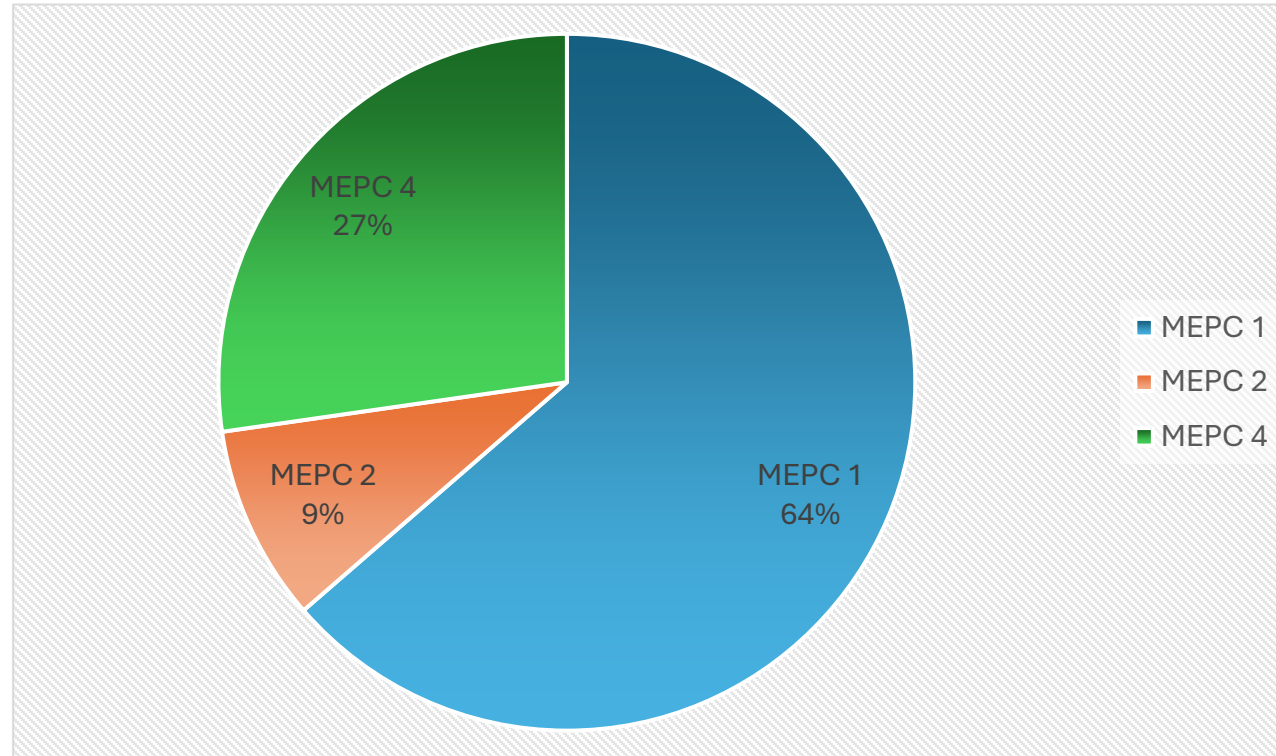


# IMO's environmental ITCP activities planned for 2025

Activity	Beneficiaries	Timeline
Subregional workshop supporting implementation and enforcement of the BWM Convention in the Black Sea region	Bulgaria*, Georgia, Republic of Moldova, Romania*, Türkiye, Ukraine	16-18 June 2025
Workshop on the possible designation of the Mediterranean Sea, as a whole, as an Emission Control Area for Nitrogen Oxides (Med NOx ECA) pursuant to MARPOL Annex VI	Albania, Algeria, Bosnia and Herzegovina, Croatia*, Cyprus*, Egypt, France*, Greece*, Israel*, Italy*, Lebanon, Libya, Malta*, Monaco*, Morocco, Montenegro, Slovenia*, Spain*, Syrian Arab Republic, Tunisia, Türkiye	23- 24 Sept 2025
Subregional workshop on effective implementation of oil spill related and liability and compensation conventions	Albania, Bosnia and Herzegovina, Croatia*, Italy*, Montenegro, Slovenia*	30 Sept-2 Oct 2025



# IMO's environmental ITCP activities planned in 2025



**MEPC 1 - 2023 IMO GHG Strategy/MARPOL Annex VI**

**MEPC 2 - BWM**

**MEPC 4 - OPRC and OPRC-HNS**

# IMO World Maritime theme for 2025

"Our Ocean, Our Obligation, Our Opportunity"






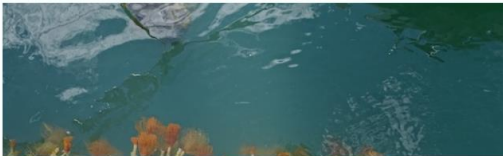












# e-Learning IMO Learning Management System

## <https://lms.imo.org/moodle310/>

### Self-enrolment

<p>Introduction to Oil Pollution Preparedness, Response and Co-operation ▼</p>  <p>Introduction to Oil Pollution Preparedness, Response and Co-operation</p>	<p>Introducción a la cooperación, preparación y lucha contra la contami... ▼</p>  <p>Introducción a la cooperación, preparación y lucha contra la contaminació...</p>	<p>Introduction à la préparation, la lutte et la coopération en matière de ... ▼</p>  <p>Introduction à la préparation, la lutte et la coopération en matière de polluti...</p>	<p>Training course for auditors under the IMO Member State Audit Sche... ▼</p>  <p>Training course for auditors under the IMO Member State Audit Scheme (I...</p>
<p>Introduction to Marine Biofouling: Impacts and Management of Risks ▼</p>  <p>Introduction to Marine Biofouling: Impacts and Management of Risks</p>	<p>Introducción a las incrustaciones biológicas marinas: repercusiones y gesti... ▼</p>  <p>Introducción a las incrustaciones biológicas marinas: repercusiones y gesti...</p>	<p>Introduction to Ballast Water Management and Compliance Monitori... ▼</p>  <p>Introduction to Ballast Water Management and Compliance Monitoring and...</p>	<p>Implementation of the Maritime Single Window ▼</p>  <p>Implementation of the Maritime Single Window</p>
<p>Inducción al Código de Gestión de la Seguridad (Código IGS) ▼</p>  <p>Inducción al Código de Gestión de la Seguridad (Código IGS)</p>	<p>Polar Code Instructor Training ▼</p>  <p>Polar Code Instructor Training</p>	<p>Training courses on domestic ferry safety ▼</p>  <p>Training courses on domestic ferry safety</p>	
<p>Regional training course for auditors under the IMO Member State A... ▼</p>  <p>Regional training course for auditors under the IMO Member State Audit S...</p>	<p>Sub-regional Training Course for Auditors under the IMO Member Sta... ▼</p>  <p>Sub-regional Training Course for Auditors under the IMO Member State Au...</p>	<p>GHG-SMART ▼</p>  <p>GHG-SMART</p>	



# How to request assistance and learn about TC opportunities?

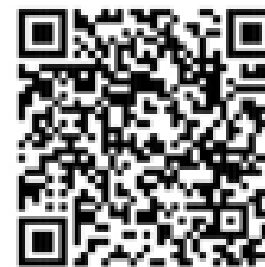
- Send a letter/email to the Head, REMPEC [rempec@rempec.org](mailto:rempec@rempec.org)
- Send a letter/email to the IMO SG [info@imo.org](mailto:info@imo.org)
- Send an email to the Director Technical Cooperation and Implementation Division [TCID@imo.org](mailto:TCID@imo.org)
- New online form coming soon
- Subscribe to IMO Docs notifications and keep an eye out for Circular Letters calling for expressions of interest on TC projects. For example, IMO has no set list of countries but every year we have calls both to support NAP development and feasibility study on alternative fuel potential or tech demo pilot.
- Examples – see "What's New" section on IMO website



IMO Technical Cooperation

# All Hands on Deck

Supporting IMO Member  
States to meet their  
international obligations



Technical  
Cooperation  
at [imo.org](https://imo.org)



# Oceans Projects Portfolio



## OCEANS PROJECTS

### Portfolio



- Builds capacity in 12 Lead Partnering and 14 Partnering Countries to implement the IMO Biofouling Guidelines for the control and management of ships' biofouling to minimise the transfer of invasive aquatic species
- Raises global awareness of invasive aquatic species as one of five most important drivers for biodiversity loss
- Partners with private sector through the Global Industry Alliance (GIA) for Marine Biosafety to increase the uptake of best management practices

GEF funded / Approx. 7 Million USD



preventing and reducing marine plastic litter

- Global project led by IMO in partnership with FAO supporting reduction of sea-based marine plastic litter from shipping and fisheries in 30 countries across 5 regions
- Policy, legislation, and institutional capacity-building in sea-based marine plastic litter (in line with Marpol Annex V, London Convention/Protocol, FAO VGMFG)
- Global Industry Alliance on marine plastic litter

Norway funded, in partnership with Australia, and Kingdom of Saudi Arabia / Approx. 4.5 Million USD



SAFE AND ENVIRONMENTALLY SOUND RECYCLING OF SHIPS

- Advancing sustainable ship recycling in Bangladesh
- Supporting Bangladesh' accession to Hong Kong Convention

Norway funded / Approx. 4 Million USD



- Complementary to the GloFouling Partnerships Project
- Showcases effective approaches to biofouling management through technology demonstration pilots at national and regional level
- Supports beneficiary countries to mitigate risks associated with the transfer of IAS to protect marine biodiversity as well as to reduce GHG emissions

NORAD funded / 4 Million USD

### RegLitter

- Regional Project for Asia led by IMO in partnership with FAO that builds on results of GloLitter to address sea-based marine plastic litter (SBMPL) issues from shipping and fisheries.
- Policy, legislation, and institutional capacity-building in SBMPL (in line with Marpol Annex V, London Convention/Protocol, FAO VGMFG)
- Global Industry Alliance on marine plastic litter
- Research on sea-based marine plastic litter

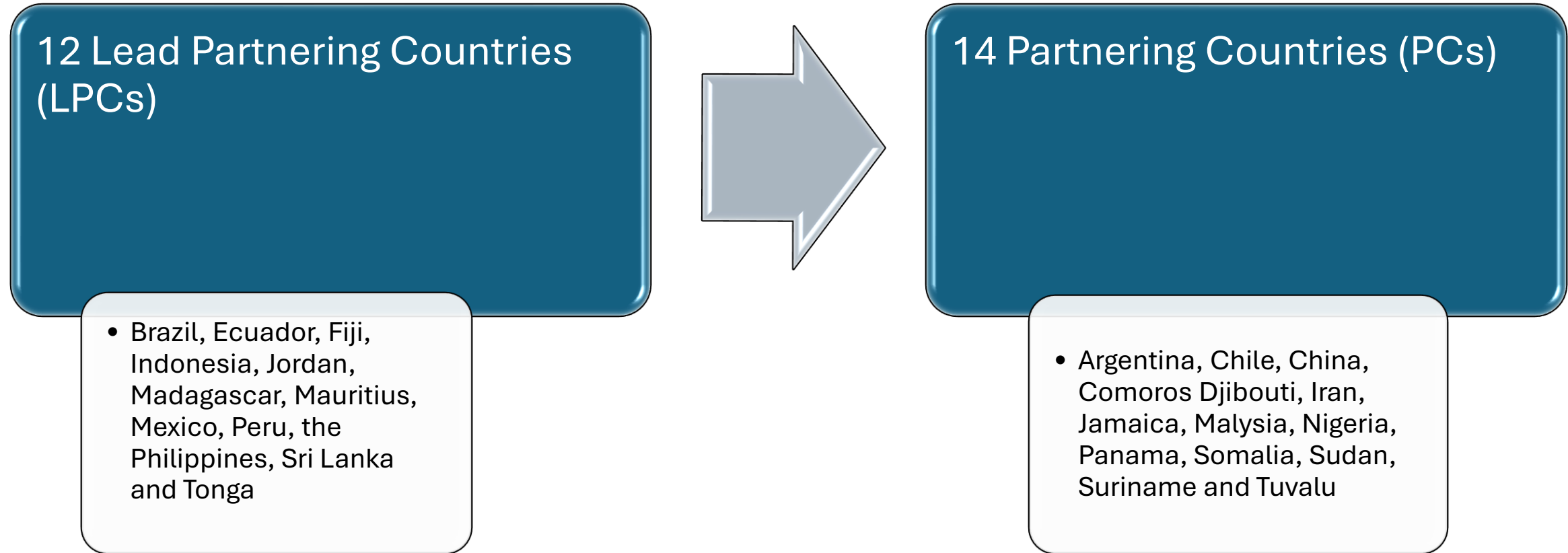
Republic of Korea funded / Approx. 5.5 Million USD



- Assists developing countries in raising awareness, building capacity and collecting information to assist the policy dialogue on anthropogenic underwater noise from shipping.
- Helps drive action on the implementation of IMO's Underwater Noise Guidelines.
- Builds a multi-sectoral Global Strategic Partnership (GSP)

GEF funded / Approx. 2 Million USD

# Biofouling Programme: GloFouling and TEST Biofouling Project



Activities conducted in collaboration with the project's  
implementing partner, the Maritime Technology  
Cooperation Centre (MTCCs)



# Ocean Litter Programme: GloLitter Partnerships and ProSeas

## Litter Programme:

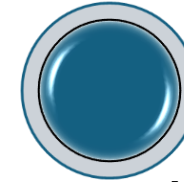
### Preventing and Reducing Marine Plastic Litter from Sea-Based Sources

- National Action Plans development and implementation (LPCs and selected PCs)
- Port waste management plan development (selected LPCs)
- Twinning/regional joint projects implementation (All)
- Support amendment of national legal frameworks (LPCs)
- Small grants for women led initiatives (Kenya)
- Testing fishing gear modifications to reduce ghost gear in selected countries (Kenya)



**Lead PCs** – Brazil, Jamaica, Costa Rica, Kenya, Côte d'Ivoire, Madagascar, India, Nigeria, Indonesia, Vanuatu

**Partner countries** – Argentina, Senegal, Cabo Verde, Solomon islands, Colombia, Sri Lanka, Ecuador, Sudan, The Gambia, United Republic of Tanzania, Mozambique, Thailand, Nicaragua, Timor-Leste, Panama, Togo, Peru, Tonga, the Philippines and Viet Nam



## PRO-SEAS global project

### UPCOMING (2025-2029)

Beneficiary countries globally to receive TA to implement national priorities on marine plastic litter:

Partner countries - Costa Rica, Jamaica, Vanuatu and Kenya with US\$8 million GEF funding, pending approval by the GEF Council.



[glolitter@imo.org](mailto:glolitter@imo.org)  
<https://glolitter.imo.org>

# Marine Noise Programme: GloNoise Partnership Project

**GloNoise Partnership (funded by the GEF, 2024-2026)** Assists developing countries to raise awareness, build capacity, define baselines and promote international policy dialogue on mitigation of URN thereby supporting implementation of the IMO Revised Guidelines for the Reduction of Underwater Noise from commercial shipping to address adverse impacts on marine life (MEPC.1/Circ.906/Rev.1)

## **Components:**

1. Global Toolkit Development and Policy Analyses
2. Capacity Building and Awareness Raising
3. Fostering Partnership on URN from Shipping
4. Monitoring, Learning, Adaptive Feedback and Evaluation

GloNoise: lead pilot countries (with most commitments/work planned) are Argentina, Chile, Costa Rica, India, South Africa and Trinidad Tobago, Twinning countries (best practice/exchange) are Georgia, Madagascar and Malaysia

# SMART-C LC/LP

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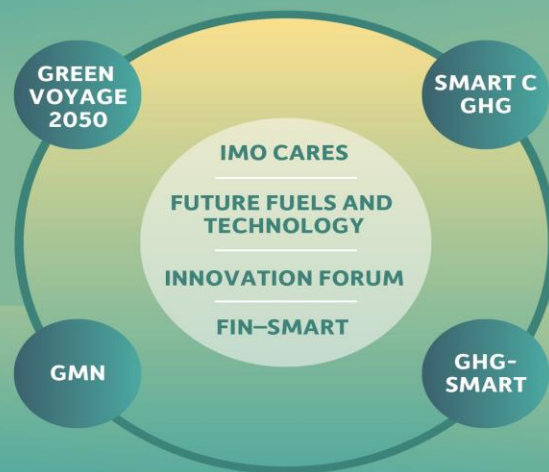
- Education and collaborative research are at the heart of a new 7.8million US dollar project to promote implementation of the London Protocol (LP), which prohibits dumping at sea.
- The SMART-C LC/LP project, funded by the Republic of Korea, will focus on building capacity to implement the London Protocol in Mongolia, the Caribbean region and other Contracting and non-Contracting Parties to the LP. It will run from 2024 to 2029.
- Developing countries, especially LDCs and SIDS, have limited scientific, technical and administrative capacity to implement the Protocol, with few opportunities existing for government officials to train as leading experts on the subject. The project will address this with scientific, technical and administrative-focused training opportunities, which will strengthen the participating countries' ability to apply the provisions of the LP treaty and thereby enhance protection of the marine environment.

# GHG Projects Portfolio



## GREENHOUSE GAS PROJECTS

### Portfolio



- Country specific focus
- Identifying opportunities for potential pilot projects in developing countries
- Through the GreenVoyage2050 Accelerator, help to develop pilot ideas into bankable proposals (e.g through undertaking of feasibility studies)
- Support developing NAPs/ policies for green shipping
- Develop global tools (Online info portals, studies, training etc.)

Finland, Germany, the Netherlands, and Norway funded / Approx. 27.5 Million USD



- Regional Focus
- Providing practical demonstration of energy efficiency technologies in developing regions
- 5 Maritime Technology Cooperation Centres (MTCCs) ensuring close engagement with local stakeholders and regional dissemination of results

European Commission funded / 10 Million EURO



- Annual training programme for least developed countries (LDCs) and small island developing states (SIDS)
- Supports LDCs and SIDS capacities to implement the IMO GHG Strategy
- Individual training support, assignments and follow-ups with participants, alongside online core training and in person practical training with site-visits
- The programme establishes two (2) annual scholarships for an in-person Master of studies at the World Maritime University (WMU) for two (2) participants, one male and one female in line with gender equality

Republic of Korea funded / Approx. 4.5 Million USD



- Connecting national needs to global solutions
- Helping developing countries to identify market ready technology solutions

Kingdom of Saudi Arabia funded / Approx. 1.5 Million USD



- Supports the regulatory decision-making at MEPC on GHG reduction measures by:
  - conducting global studies/research to facilitate evidence-based discussions among IMO Member States
  - providing easy access to the latest information through a dedicated website (<https://futurefuels.imo.org/>); and
  - enhancing stakeholders' engagement, promoting collaboration and knowledge sharing.

Republic of Korea funded



#### INNOVATION FORUM

- Support innovation and R&D development and deployment, with a focus on developing country needs especially LDCs and SIDS
- Showcase innovation models that may support further maritime decarbonization/ sustainable shipping

Norway funded / Approx. 650 Thousand USD

#### FIN – SMART

- Showcase models of successful maritime decarbonization investments
- Support scale-up on IMO major project pilots/enable investment in working pilots
- IMO-World Bank-EBRD FIN-SMART Roundtable of key International Financial Institutions, developing countries participating in current IMO major projects and other interested stakeholder, with aim to propose innovative financial solutions to maritime decarbonization



- Philippines and Viet Nam as pilot countries
- Support development and implementation of national policies and action plans related to maritime GHG reduction regulations
- Improvement in the capacity to collect/monitor GHG emissions in the maritime sector
- Enhanced decision-making, response and readiness to implement the maritime GHG emission regulations
- Empowerment of ship operators and ports to make informed decision on adoption of any appropriate decarbonization technologies

Republic of Korea funded / Approx. 3 Million USD



# GreenVoyage2050 NAP development



Supporting Kenya in the development of a National Action Plan (NAP) for Green Shipping.

In collaboration with Kenya Maritime Authority.

**NOTE: Regular calls/open to all!**  
**Upcoming support: Egypt, Ghana, Nigeria**



# GreenVoyage2050 – South Africa, alternative fuels development/technical assistance

- Supported South Africa in exploring potential for BioLNG production from sea algae on low lying costal desert shores.
- Provided technical assistance for a pre-audit of the GHG emission saving potential to produce Bio-LNG.
- In collaboration with South Africa Ministry of Transport and [SEAH4](#) company.



**NOTE: Regular calls, open to all!**

**Current call for proposals closed, but 2026 to reopen**

# Thank you!

## International Maritime Organization

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