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TECHNICAL COOPERATION PLANNING AND REPORTING

(a) Annual Report for 2022

Note by the Secretariat

SUMMARY

Executive summary: This document provides the annual report on the technical cooperation activities implemented under the Integrated Technical Cooperation Programme and information on the implementation of thematic long-term projects during 2022.

Strategic direction, if applicable: 1 and 8

Output: 1.1, 1.6, 1.8, 1.9, 1.10, 8.3, 8.4, 8.5 and 8.7

Action to be taken: Paragraph 3

Related documents: TC 71/3(b); TC 73/4(b) and TC 73/4(c)

1 In accordance with the reporting requirements approved by the Committee (TCC), at its sixty-second session in June 2012, the Secretariat submits an annual report on the Organization's Integrated Technical Cooperation Programme (ITCP). Thus, this annual report for 2022 records the results of ITCP implementation in 2022, the first year of the 2022-2023 biennium as well as information on the implementation of thematic long-term projects during 2022.

2 The annual report is structured in two annexes which distinguish between the implementation results in the field and the financial delivery outcomes, and a third annex with a glossary of terms. The complete annual report for 2022, therefore, comprises the three segments under the annexes listed below:

- .1 annex 1 – a synopsis of ITCP achievements and thematic long-term projects in 2022, with summaries and statistics of the ITCP activities delivered, including an appendix detailing the individual activity results of ITCP regional and global programmes;
- .2 annex 2 – an overview of the financial resource delivery of the ITCP and thematic long-term projects supported by statistical analysis, which displays long-term delivery trends, a profile of donor contributions to report the

resources expended,* as well as resource and expenditure data illustrated by region and maritime discipline. The appendix to annex 2 provides a list of expenditure against each programme delivered in 2022; and

.3 annex 3 – a glossary of terms.

Action requested of the Committee

3 The Committee is invited to note the attached Annual Report for 2022 and make such comments and decisions as it deems appropriate, which will be taken into account in the further development of technical cooperation activities.

* For the purposes of budgeting and implementation of TC activities, the TC Fund is considered a "donor entity" within the TC programme management framework.

ANNEX 1

TECHNICAL COOPERATION PLANNING AND REPORTING

Annual Report for 2022 Overview of ITCP and thematic long-term projects' delivery in 2022

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INTRODUCTION

1 IMO technical cooperation activities, including the Integrated Technical Cooperation Programme (ITCP), are designed to assist developing countries¹ to effectively implement international maritime rules and standards in a harmonized manner and in accordance with IMO's global mandate "to promote safe, secure, environmentally sound, efficient and sustainable shipping through cooperation". Thus, the ITCP is developed in response to the technical assistance needs of Member States and its implementation addresses IMO's technical cooperation objectives of strengthening regional maritime capability and promoting maritime development across the globe.

2 The ITCP structure is an integrated framework of regional and global programmes, which is planned and presented to the Technical Cooperation Committee (TCC) for approval each biennium. The annual programmes are planned through Programme Implementation Documents (PIDs) and are ready for delivery at the beginning of each calendar year. Methodical planning ensures the relevance, transparency, effectiveness and efficiency of the technical assistance provided.

3 In addition to the ITCP, IMO also provides technical assistance through thematic long-term projects, which are delivered using external funds obtained under IMO's resource mobilization strategy. These projects address global challenges, such as the reduction of greenhouse gas emissions and the enhancement of maritime security and safety, and are delivered with the support of national, regional and global stakeholders and strategic partners.

4 The year 2022 marked a gradual but steady return to pre-COVID-19 pandemic technical cooperation implementation levels. Although the pandemic continued to impact the technical cooperation work of the Organization during the early part of the year, near normal implementation levels were recorded in the later part of the year. As such, technical cooperation activities were delivered as a combination of both remote and physical forms during 2022.

5 The results of the ITCP delivery in 2022 represent the collective effort of some 35 IMO implementing officers and their support staff at the Headquarters in London and in the Regional Presence Offices, together with external partners and regional organizations.

6 While this report provides particulars of the activities delivered under the ITCP and thematic long-term projects, further operational details on specific elements of technical cooperation are submitted to TCC for consideration under separate agenda items. Where relevant, reference to such documents is made throughout the text of this report.

7 In the interests of clarity, the information in this report addresses expenditure on IMO's technical cooperation activities only. Full financial information is available in Council document C 129/5(b) – Financial report and audited financial statements for the financial period ended 31 December 2022 and the report of the IMO External Auditor.

¹ The designations "developing countries" and "developing regions" are intended for statistical convenience and do not express a judgement about the stage reached by a particular country or area in the development process.

PROGRAMME OVERVIEW AND EXECUTION

Overview of ITCP delivery in 2022

8 ITCP activities delivered in 2022 covered a wide range of subject matters under the maritime disciplines of maritime safety, security, facilitation, legislation, marine environment protection, Member State audit, maritime training and general maritime sector.

9 The ITCP considered the objectives of the approved strategic directions and outputs of the *Revised Strategic Plan for the Organization for the six-year period 2018 to 2023* (A.1149(32)), as well as the Secretary-General's vision and policy directions on technical cooperation matters. Due regard was also given to the United Nations (UN) 2030 Agenda for Sustainable Development (2030 Agenda), regional and subregional strategies and the findings of the IMO Member State Audit Scheme (IMSAS) audits. In this respect, particular emphasis was placed on strengthening institutional capacities and human resource development in the regions.

10 To supplement the regional programmes, the global programmes are focused on addressing specific technical and emerging issues at a global level. This flexible structure of the ITCP provides a mechanism for funds to be targeted across a spectrum of subject matters. Member States gain from the symbiosis of regional and global programmes, which allows activities to be delivered to those countries which need them most, and also impacts positively on the sustainable development of the maritime community as a whole.

11 IMO's ability to deliver technical assistance was enhanced through formal partnership agreements with many of its Member States and various international and regional organizations (see document TC 73/4(b)). This demonstrates the value of continuing to develop formal partnerships to promote IMO's technical cooperation agenda.

12 A summary of all deliverables carried out under the programmes is presented in the tables and charts at the end of each regional and the global overview section. Further details on the implemented activities, including outputs and participating countries, are presented in the appendix to this annex.

13 Details on the deliverables carried out under the thematic long-term projects in 2022 can be found in paragraphs 96 to 127.

Aggregates for 2022

14 Although IMO endeavours to deliver all activities programmed each year, it is inevitable that circumstances arise which necessitate the cancellation or postponement of activities. Reasons include requests by a host country, security concerns, the political situation, weather events, epidemic, etc. For this reason, the delivery of programmed activities is unlikely to reach 100% in any given year.

15 Despite the fact that the early part of 2022 was still impacted by the COVID-19 pandemic, 181 activities were delivered out of a total of 258 programmed activities, a delivery rate of 70%. This is a 20% increase in the number of activities delivered in 2021 (102 activities were delivered out of 202 programmed), which was a delivery rate of 50%. In addition to the 181 activities completed in 2022, another 18 activities commenced late in 2022 and will be completed in 2023. While these activities are not included in the 2022 figures for this annual report, they represent the actual work effort of the Secretariat in the 2022 calendar year and are worth noting.

16 Of the 181 activities delivered in 2022, 8 were advisory and needs assessment missions, and 87 were national, regional and global training courses, an increase from 39 in 2021. Eighty-six other activities were also delivered during 2022, including development and translation of training materials; meetings of heads of maritime administrations; conferences and other technical assistance, compared to 50 similar activities carried out during 2021.

17 IMO sponsored a total of 243 fellowships in the maritime sector in 2022. This is higher than the 216 recorded in 2021. This increase is mainly due to the fact that three editions of the Institut Portuaire d'Enseignement et de Recherche du Havre (IPER) Advanced Course on Port Operations and Management were completed in 2022 to make up for the restrictions during COVID-19. Thirty-two of the 243 fellows qualified through the two IMO global maritime training institutions – the World Maritime University (WMU) and the IMO International Maritime Law Institute (IMLI) – while 211 were sponsored by both IMO and donors to participate in courses delivered by other maritime training institutions, such as the IPER in Le Havre, France, and the International Maritime Safety Security and Environment Academy (IMSSEA) in Italy.

18 Additionally, approximately 2028² persons worldwide were trained through attendance at national and regional training workshops and seminars, a considerable increase from the 1,592 trained in 2021, due to the increased accessibility to training, both remotely and in person. A further 472 senior officials attended events in 2022 aimed at developing and harmonizing regional strategies on maritime technical issues.

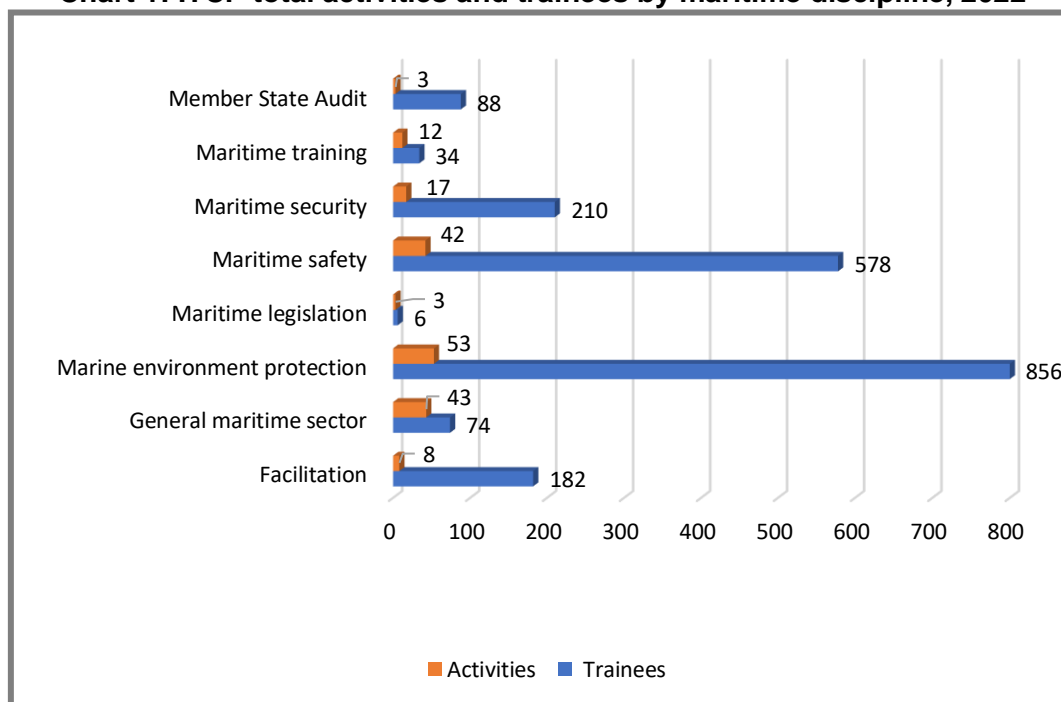
19 Table 1 displays the number of different types of ITCP activities delivered, as well as the number of trainees and fellows during 2022, while chart 1 indicates the number of activities and trainees (excluding fellows) by maritime discipline.

Table 1: Summary of ITCP activities delivered, 2022

Activities	2022
Advisory/assessment missions	8
National training events	47
Regional training events	36
Global training events	4
Other activities	86
Total activities	181
Fellows	
Fellows (funded by IMO, in IMO global maritime training institutions)	32
Other fellows (funded by IMO and donors to other maritime training institutions)	211
Subtotal fellows	243
Trainees	
Trainees in IMO-sponsored training events	2,028
Total fellows and trainees	2,271
Other	
Strategy officials	472

² Please note these figures are indicative, and a number of officials may have attended two or more of the training workshops and seminars which took place on various issues.

Chart 1: ITCP total activities and trainees by maritime discipline, 2022



Gender reporting for 2022

20 The IMO Women in Maritime (WIM) programme has promoted opportunities for women in the maritime sector for more than three decades. Document TC 73/9 reports in more detail on this programme, but in an effort to mainstream gender equality, gender statistics of ITCP activities are now also included in the Annual Report. In this regard, since 2018, participants at IMO-sponsored trainings and workshops have been asked to include their gender when they register, with the options of "male", "female" and "not reported". This enables the Organization to compile data related to gender and, over time, to build a picture of the "gender participation" trends within IMO's technical cooperation work.

21 As per chart 2 below, 32% of ITCP participants were female, which is consistent with the 34% recorded in 2021. As can be seen from the further breakdown in chart 3, whilst females continue to represent a positive percentage of 57% in the fellows category, the percentage of female strategy officials has notably decreased compared to the 63% of 2021. The percentage of female trainees has, however, slightly increased from the 24% recorded in 2021.

Chart 2: 2022 ITCP participants by gender

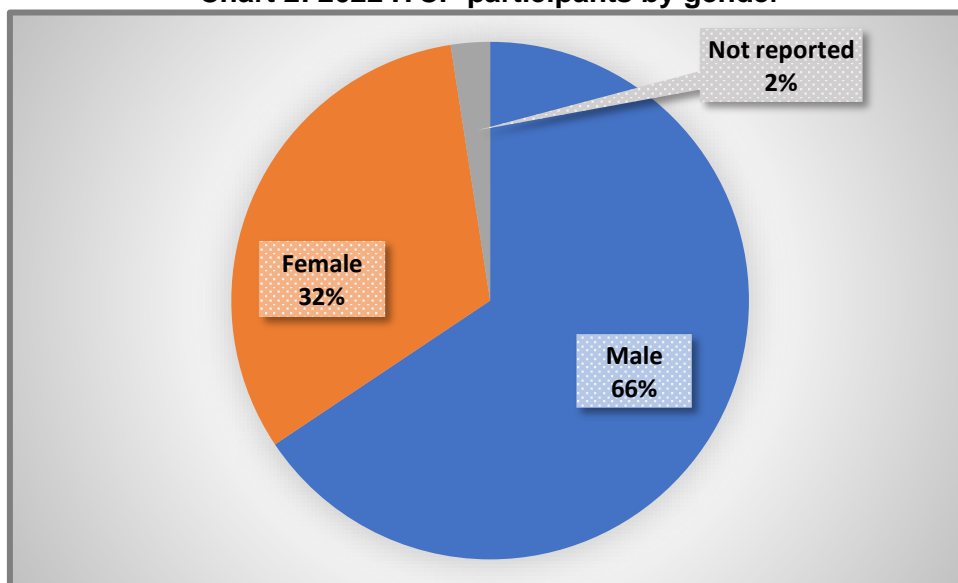
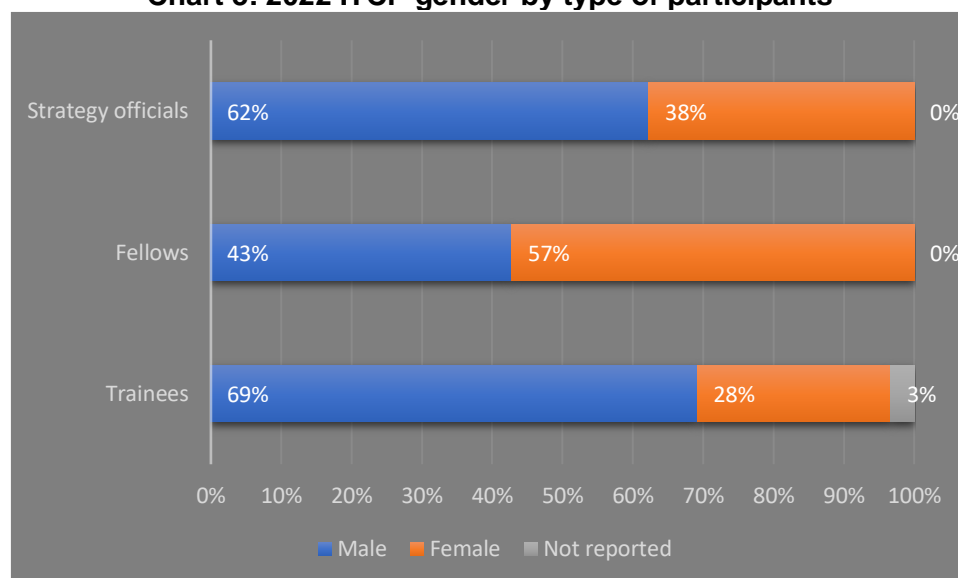


Chart 3: 2022 ITCP gender by type of participants



E-LEARNING

22 During 2022, the Secretariat enhanced its efforts to develop IMO's e-learning capability, expanding the reach to Member States and offering increased access to up-to-date electronic training material. The aim is to complement the delivery of in person technical cooperation activities. The development of e-learning courses is being carried out and funded within the framework of the ITCP, in response to Member States' requests to the Secretariat to develop e-learning courses to facilitate the delivery of technical assistance, which were supported by relevant recommendations contained in the ITCP evaluation reports for the periods 2012-2015 and 2016-2019. This work is also in line with the findings and recommendations of the 2020 IMO Digital Review, which earmarked the development of e-learning as a priority item. IMO e-learning courses are available on the Organization's Learning Management System (LMS) platform accessible through the IMO website. Detailed information on the e-learning courses developed by IMO can be found in document TC 73/3(a)/1.

OVERVIEW OF REGIONAL PROGRAMMES FOR 2022

Africa: regional overview 2022

23 IMO continues to pay particular attention to the special shipping needs of the 37 IMO Member States in the Africa region, with 16% of them categorised as a small island developing State (SIDS) and 60% as least developed countries (LDCs). A critical mechanism to achieve this is the three IMO Regional Presence Offices (RPO) located in Abidjan, Cote d'Ivoire; Accra, Ghana; and Nairobi, Kenya, which continued to support the implementation of the ITCP in the Africa region. The Regional Coordinators contribute to the long-term goal of enhancing institutional and human capacities in Africa for the effective administration and oversight of the continent's maritime and port sectors in ensuring compliance with relevant IMO instruments as well as maintain high delivery and quality standards.

24 The repression of piracy and armed robbery against ships in the western Indian Ocean and the Gulf of Aden continued to receive much-needed attention through the delivery of activities under the IMO Maritime Security Project. In addition, similar collaborative efforts were initiated and strengthened in the West and Central African region for the Gulf of Guinea.

25 The Global Search and Rescue (SAR) Plan continued to receive support through collaboration with the International Maritime Rescue Federation (IMRF). Nine activities were delivered virtually for On Scene Coordinators (IAMSAR Vol. III) as well as on SAR Administration and Management (IAMSAR Vol. I). In addition, a regional training on SAR Management and Administration was delivered in Casablanca, Morocco, in December 2022. IMO also provided funding to IMRF to start the development of an international SAR training e-learning platform which will allow learners to undertake self-paced learning as a complement to the current training delivery models.

26 Furthermore, the Africa region benefitted from a range of capacity-building activities which included facilitation of maritime traffic, port State control, marine casualty and incident investigation, assessment and examination for instructors, assessors and administrators based on the 1978 Standards of Training, Certification and Watchkeeping for Seafarers (STCW) Convention, as amended, and the carriage and handling of dangerous goods (IMDG and IMSBC Codes). In addition, IMO facilitated a regional meeting for Heads of Maritime Administrations of the Memorandum of Understanding on Port State Control for West and Central Africa region (Abuja MoU), held in Lagos, Nigeria.

27 On the facilitation of international maritime traffic, IMO, in collaboration with Singapore, has been supporting the implementation of the Single Window for Facilitation of Trade (SWiFT) Project in the Port of Lobito, Angola, as a pilot project. When successfully implemented, the SwiFT Project will serve as a template for other ports which may require such a project. In this regard, the ITCP regional programme for Africa funded the recruitment of a consultant to assist Angola with the implementation of this project.

28 Under the same subject matter of facilitation of trade, IMO also facilitated a baseline study for the establishment of a Port Community System for Nigerian ports. The project, which is ongoing, is in its third phase of implementation.

29 Workshops and training activities on marine environmental sustainability were carried out in the region to increase awareness on the implementation of the Ballast Water Management Convention; the development of oil spill contingency plans; and the MARPOL Convention. In this regard, considering the importance of Green House Gas (GHG) emissions from ships, a regional workshop on the ratification and effective implementation of MARPOL Annex VI and IMO data collection system for fuel consumption was held in

Abidjan, Côte d'Ivoire, in October 2022. Some 29 participants from Benin, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mauritania, Senegal and Togo were familiarized with all relevant aspects of MARPOL Annex VI, including the IMO data collection system for fuel oil consumption of ships. The workshop initiated the process for countries to ratify, implement and/or enforce MARPOL Annex VI.

30 In the spirit of partnership development, IMO and IPIECA, under the GI WACAF initiative, continued to strengthen the oil spill response capacity and capabilities of countries in West and Central Africa at the regional level, through the conduct of a regional conference in Accra, Ghana, in November 2022.

31 As part of IMO's support to maritime development in Africa, the Organization participated in and sponsored African delegates to participate in the fifth Conference of the Association of African Maritime Administrations (AAMA), held in Durban, South Africa, in the margins of the World Maritime Day Parallel event, which was hosted by the Republic of South Africa.

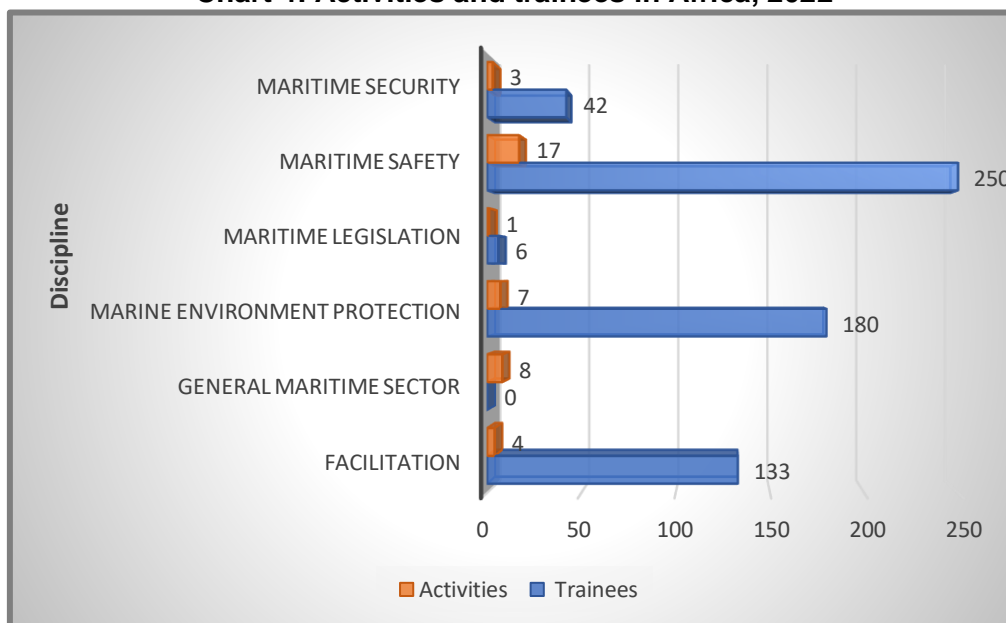
32 In support of Women in the Maritime Sector, the IMO Regional Presence Office in Ghana facilitated the first Women in Maritime of West and Central Africa (WIMOWCA) Annual General Meeting (AGM) and Conference, which discussed "Transitioning to a decarbonized, Digitalized and Sustainable Shipping", and was held in Dakar, Senegal, in December 2022. The Regional Presence Office in Kenya facilitated the tenth Annual Conference of Women in the Maritime Sector in East and Southern Africa (WOMESA) to mark the International Day for Women in Maritime in Kisumu, Kenya, in May 2022.

33 In its role to facilitate Member States' commitment to maritime development, the Regional Presence Office in Kenya also participated in relevant maritime conferences and events outside of IMO's technical cooperation programme. These included the UN Country Team (UNCT) meeting which adopted the new UN Sustainable Development Cooperation Framework (2022-2026) as agreed with the Government, which focused on people and Peace; as well as the Port and Customs week organized by regional Ports and Customs authorities in Nairobi, in March 2022, which focused on digitization of the ports and use of technology to facilitate trade.

Table 2: Summary of deliverables in Africa, 2022

Activities	2022
Advisory/assessment missions	2
National training events	16
Regional training events	15
Other activities	7
Trainees and Fellows	
Trainees in IMO-sponsored training events	611
Fellows (funded by IMO, in IMO global maritime training institutions)	13
Other fellows (funded by IMO and donors to other maritime training institutions)	127
Other	
Strategy officials	232

Chart 4: Activities and trainees in Africa, 2022



Arab States and Mediterranean: regional overview 2022

34 Technical cooperation activities in the Arab States and Mediterranean region continued through virtual and online modes during 2022. The focus for the 22 countries in the region covered maritime safety, maritime education and training, marine environment protection and strategies related to national maritime administration coordination. Six of the sixteen activities implemented during the period under review were delivered to enhance the protection of the marine environment, particularly on oil pollution response and preparedness. This included national workshops on the International Convention on Oil Pollution Preparedness, Response and Cooperation (OPRC), one activity on Ballast Water Management (BWM), and another activity on Compensation for Oil Pollution Damage.

35 IMO also supported the preparation of a national oil spill contingency plan specific to FSO-SAFER, a floating oil storage and offloading vessel (FSO) that is moored in the Red Sea north of the Yemeni city of Al Hudaydah, to enhance preparedness and improve capacity in Yemen for an effective response in the event of an oil spill. Furthermore, IMO developed a memorandum of advice on owning and operating a very large crude carrier (VLCC) for use as an FSO, including a summary of legal risks and potential liabilities.

36 Furthermore, IMO conducted a regional workshop on biofouling management and invasive aquatic species attended by 14 participants from six Member States, during which a regional task force was established to commence the development of a draft regional strategy on biofouling management and invasive aquatic species. The strategy is currently under development.

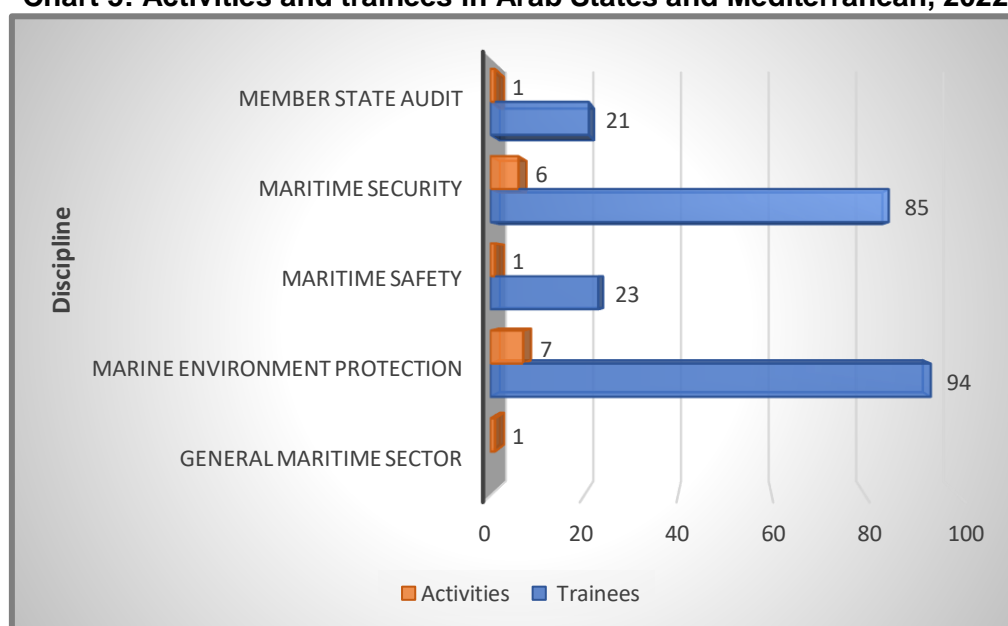
37 Two countries also benefited from technical assistance to draft their national maritime strategy, aimed at enhancing coordination of the maritime administration and strengthening the capacities of the countries to effectively discharge their duties and responsibilities as a port, flag and or coastal State.

38 Finally, the importance of Independent Evaluations under the 1978 STCW Convention was highlighted at a regional workshop held in Saudi Arabia. The activity was the first of its kind following the realisation by Member States of the challenges in the region in submitting Independent Evaluation reports, as required under the STCW Convention. The workshop achieved a wide reach with 23 participants from eight Member States in the region.

Table 3: Summary of deliverables in Arab States and Mediterranean, 2022

Activities	2022
Advisory/assessment missions	1
National training events	7
Regional training events	5
Other activities	3
Trainees and Fellows	
Trainees in IMO-sponsored training events	223
Fellows (funded by IMO, in IMO global maritime training institutions)	5
Other fellows (funded by IMO and donors to other maritime training institutions)	18
Other	
Strategy officials	0

Chart 5: Activities and trainees in Arab States and Mediterranean, 2022



Asia and Pacific: regional overview 2022

39 During 2022, IMO continued to embrace the online delivery methods as the COVID-19 restrictions were progressively lifted in the region, which showed an increased number of activities delivered in situ, particularly towards the end of the year. A total of 38 activities were delivered in the Asia and Pacific regions, predominantly focusing on improving maritime safety and security, protection of the marine environment, prevention of atmospheric pollution, and developing the general maritime sector. Amongst them, some of the specific subject matters addressed were the safety of passenger ships, implementation of the STCW Convention and the Code, oil pollution preparedness, response and cooperation, biofouling management and invasive aquatic species, incident response and cost recovery, energy-efficiency and enhancement of Flag State Performance. A national Symposium on energy transition in shipping was held in Indonesia in October 2022 to raise awareness on the need to decarbonize shipping and the fuels and technologies that can be deployed. The event built upon some of the opportunities in ensuring a "just and equitable" transition of international shipping as presented during IMO's Second Alternative Fuel Symposium in October 2022.

40 The IMO Regional Coordinator for East Asia, and the IMO Technical Cooperation Officer at the Pacific Community (SPC) for the Pacific region, continued their usual interaction and support to Member States in their respective regions, including advice and assistance with

the implementation of national and regional activities. Moreover, the Secretariat initiated the work relating to the establishment of an IMO RPO for the Pacific region in consultation with the Government of the Republic of Fiji, benefitting from funding from Australia and further support from Papua New Guinea (in-kind and cash) and Solomon Islands (in-kind). This funding also contributed to the development of a new framework for a sustainable maritime sector in the Blue Pacific ("One Strategy") for the Pacific region using the Futures Thinking tool (see document TC 73/7/2), including the identification of technical assistance needs of Pacific SIDS and LDCs, taking into consideration initiatives currently ongoing in the region.

41 The Secretariat also remotely participated in regional meetings, such as the twenty-second Session of the Asia-Pacific Heads of Maritime Safety Agencies (APHoMSA) Forum, the forty-second and forty-third sessions of the Association of South-East Asian Nations Maritime Transport Working Group (ASEAN-MTWG) and the Pacific Transport Officials, which continued to provide opportunities to identify the real needs of Member States in the region, with their direct input.

42 IMO received significant support from various partnership arrangements with Member States and regional partners, such as Australia, Belgium, China, the Republic of Korea, SPC and the Secretariat of the Pacific Regional Environment Programme (SPREP), the Solomon Islands Maritime Authority (SIMA), the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA), and many more.

43 The study to address the safety and energy efficiency of domestic passenger ships in the Philippines, which commenced in December 2021, was one of the key areas of work undertaken in 2022. With the study aimed to be finalized in 2023, three out of the four phases of the study were completed in 2022. The final report is yet to be published. However, it is anticipated that from the final recommendations, IMO, in partnership with the World Bank Group, will determine how to further the assistance extended to the Philippines in order to materialize the outcomes of the study with specific follow-up projects to create safe and green corridors in addition to the detailed recommendations providing a road map to enhance the safety of passenger ships on domestic voyages in the Philippines.

44 Moreover, new potential areas for the development of projects for the benefit of countries in the Asia and Pacific region were identified with a view to developing substantive thematic projects for donor consideration in 2023. A training framework for seafarers on decarbonization is one of those thematic projects identified through the Safety and Energy Efficiency Study and further developed in consultation with development partners.

Table 4: Summary of deliverables in Asia and Pacific, 2022

Activities	Asia	Pacific
Advisory/assessment missions	1	1
National training events	8	3
Regional training events	5	1
Other activities	11	8
Trainees and Fellows		
Trainees in IMO-sponsored training events	495	76
Fellows (funded by IMO, in IMO global maritime training institutions)	6	0
Other fellows (funded by IMO and donors to other maritime training institutions)	22	5
Other		
Strategy officials	79	0

Chart 6: Activities and trainees in Asia, 2022

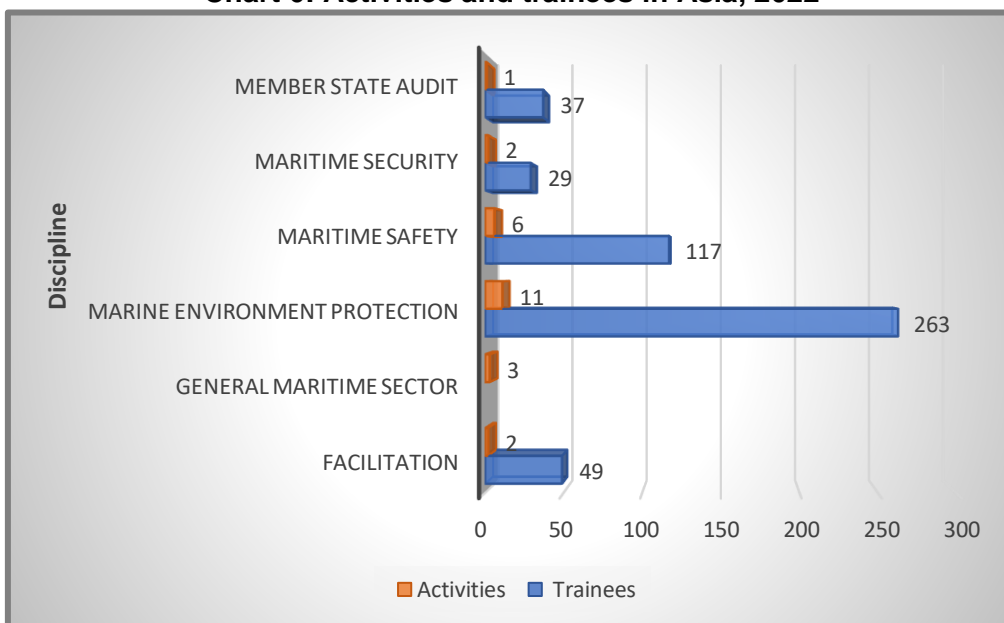
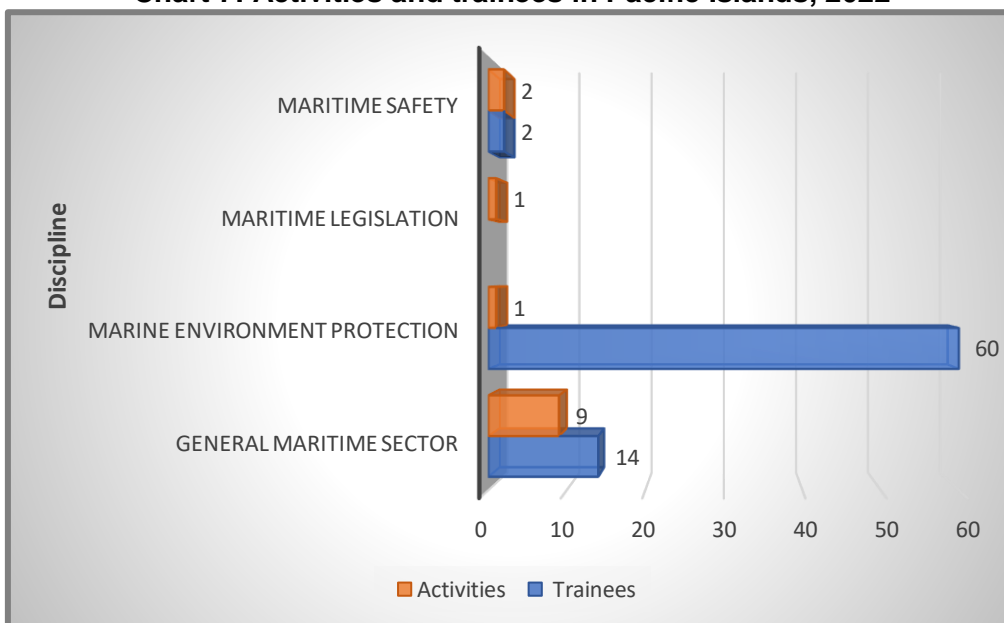


Chart 7: Activities and trainees in Pacific Islands, 2022



Western Asia and Eastern Europe: regional overview 2022

45 Throughout the year 2022, in partnership with the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC), Member States in the region benefitted from the delivery of a series of informal national assessments using the Readiness Evaluation Tool for Oil Spills (RETOS™) application in order to achieve the Common Strategic Objective to prevent, prepare for, and respond to operational, illegal and accidental oil and HNS pollution from ships as part of the overall Mediterranean Strategy for the Prevention of, Preparedness for, and Response to, Marine Pollution from Ships (Mediterranean Strategy 2022-2031).

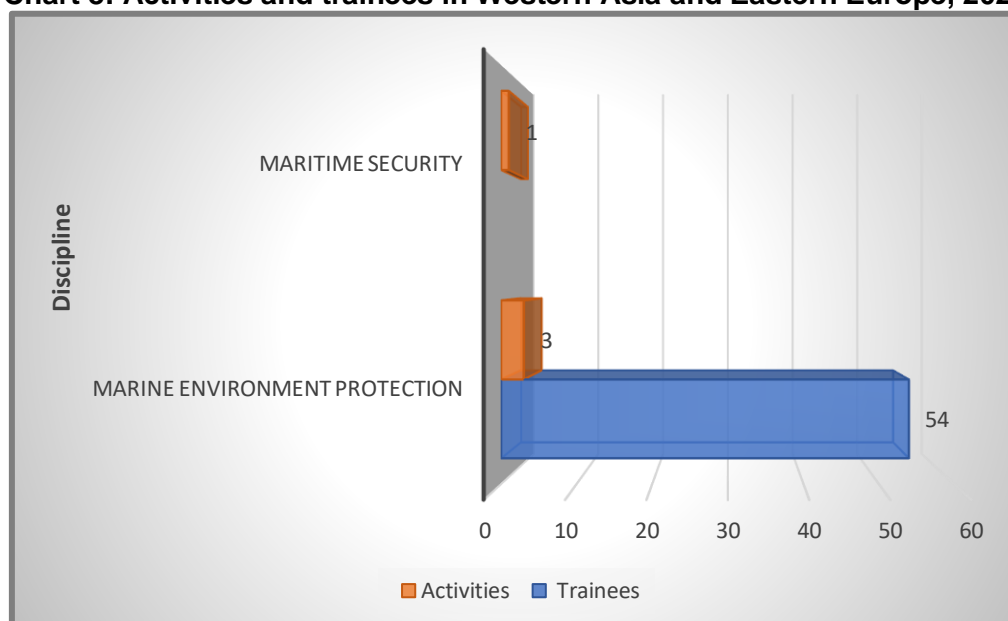
46 In line with the restricted travel advice due to COVID-19, IMO participated virtually at the meetings of the Technical Committee on Waterborne Transport and Multimodality of the EU Transport Community Treaty focusing on the Western Balkans countries. The agenda of the meetings covered a range of activities related to promoting innovation and the uptake of new technologies, focusing on the importance of clean maritime transport and the need to build back better and greener in a post-pandemic world.

47 A national workshop on the AFS Convention held in September 2022 assisted Albania in progressing towards the ratification of the AFS Convention.

Table 5: Summary of deliverables in Western Asia and Eastern Europe, 2022

Activities	2022
Advisory/assessment missions	0
National training events	3
Regional training events	0
Other activities	1
Trainees and Fellows	
Trainees in IMO-sponsored training events	54
Fellows (funded by IMO, in IMO global maritime training institutions)	4
Other fellows (funded by IMO and donors to other maritime training institutions)	1
Other	
Strategy officials	0

Chart 8: Activities and trainees in Western Asia and Eastern Europe, 2022



Latin America and Caribbean: regional overview 2022

48 Following the three-year pilot thematic programmes approved by TC 71 (TC 71/16, paragraph 3.34.1), five national training courses for SAR coordinators were conducted in Guatemala, Honduras, Costa Rica, Nicaragua and Panama. Their objective was to provide training and enhance the knowledge of officials who have the role of Search and Rescue Coordinator in case of a search and rescue incident. After the finalization and successful delivery of these courses, the SAR thematic programme in Central America was completed, resulting in the ratification and implementation of the SAR Convention by the Government of Guatemala.

49 Similarly, within the pilot thematic programmes, a subregional needs assessment mission to support the uniform application of MARPOL Annex VI for the reduction of GHG emissions from international shipping was undertaken in Costa Rica, the Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua and Panama. As a result of this needs assessment, recommendations were made regarding the real needs of the region to support the uniform implementation of MARPOL Annex VI for the reduction of GHG emissions caused by international shipping with special focus on the Initial IMO Strategy on reduction of GHG emissions from ships. The outcomes of this mission will provide the basis to develop future activities at national level.

50 Furthermore, following the experience gained in the development of a regional FAL needs assessment in ROCRAM-CA Member States, a similar needs assessment was developed in other Latin American countries with the aim of assessing the needs for the implementation of measures to facilitate international maritime traffic, including their preparation to implement electronic data exchange and the concept of a single window to support ship clearance processes in ports. During this period, Guatemala ratified the FAL Convention and started the final implementation of the maritime single window.

51 Utilizing the experience gained in the CASIT programme in the Caribbean, a virtual workshop, based on a course for Port State Control Officers provided by the Prefectura Naval de Argentina (PNA), was delivered with the aim of training officials of maritime authorities in Latin America with practical and theoretical knowledge on ship inspection, in accordance with the procedures adopted by IMO and the International Labour Organization (ILO), in general, and the Viña del Mar Agreement, in particular.

52 Additionally, within the framework of the Memorandum of Understanding between IMO and the Directorate-General of the Merchant Navy of the Kingdom of Spain to promote technical cooperation, signed in October 2019, two distance training courses were delivered to participants across the Latin American region, one on the uniform implementation and control of the 0.50% sulphur limit under MARPOL Annex VI and another one on the implementation of the Cape Town Agreement. In order to support Sustainable Development Goal (SDG) 5, the latter was offered exclusively to members of the Network of Women of Maritime Authorities in Latin America (MAMLa).

53 A virtual subregional workshop for Caribbean Member States raised awareness among senior officials on the need and benefits of ratifying and implementing the London Protocol. This included the development of a national system for assessment, permitting, compliance monitoring, field monitoring and enforcement of disposal at sea activities.

54 Also in the Caribbean region, a new pilot programme was initiated to form part of a comprehensive and global programme of action to improve the rate of investigation and reporting into marine casualties and incidents. In this context, strategic directions to improve marine accident investigation were developed in Barbados, Dominica, Grenada, Guyana, Saint Lucia, Suriname and Trinidad and Tobago.

55 Furthermore, under a regional workshop supporting the implementation of the Ballast Water Management Convention in the wider Caribbean region, participants exchanged best practices and discussed lessons learned, as well as planned further actions to be taken within the region, enhancing ballast water management through regional collaboration, and enforcement of this Convention.

Table 6: Summary of deliverables in Latin America and Caribbean, 2022

Activities	Latin America	Caribbean
Advisory/assessment missions	3	0
National training events	7	3
Regional training events	8	2
Other activities	3	4
Trainees and Fellows		
Trainees in IMO-sponsored training events	294	152
Fellows (funded by IMO, in IMO global maritime training institutions)	1	3
Other fellows (funded by IMO and donors to other maritime training institutions)	14	24
Other		
Strategy officials	81	80

Chart 9: Activities and trainees in Latin America, 2022

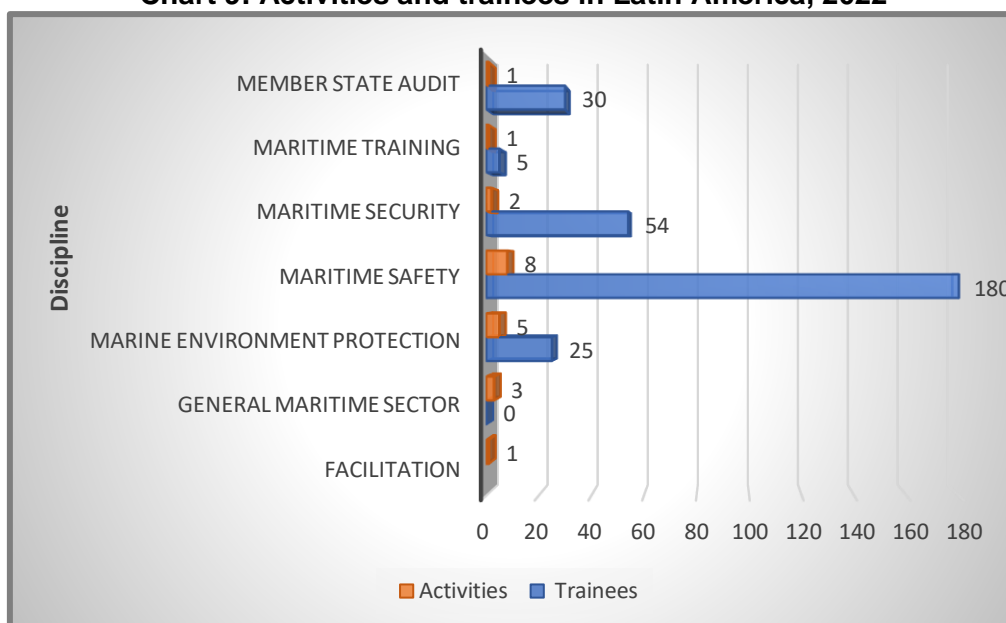
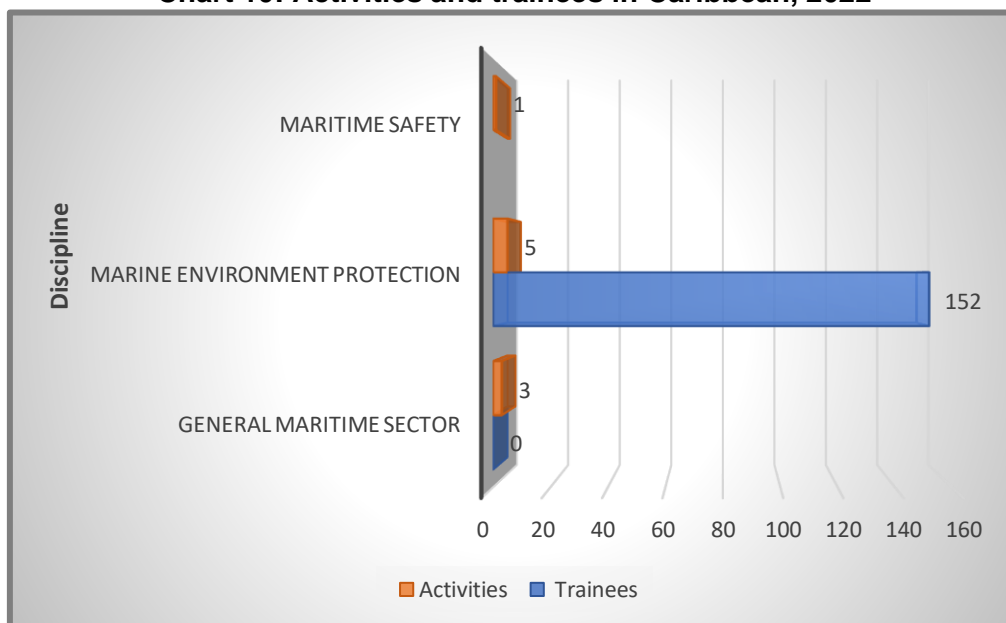


Chart 10: Activities and trainees in Caribbean, 2022



OVERVIEW OF GLOBAL PROGRAMMES FOR 2022

56 The **technical advisory services programme**, through its flexible mechanism, aims to respond to emergency technical assistance requests, such as those related to marine pollution or maritime safety incidents, as well as demands for assistance by Governments with other pressing requests essential to the implementation of global maritime standards. In 2022, the programme provided support to Peru in responding to the spill from the **MARE DORICUM**, enhancing the level of preparedness and improving capacity within Peru to mount an effective response, in alignment with the country's national oil spill contingency plan.

57 The **programme to support the special shipping needs of SIDS and LDCs** commenced in 2022 a comprehensive assessment and profiling of IMO Member States that are categorized as SIDS (38) and LDCs (34). Two consultants were recruited to develop a programme plan and a thematic analysis to profile the specific needs of SIDS and LDCs, including partnership plans to address findings obtained through the analysis, and a holistic IMO programme of related activities and programmes. The consultants will submit their findings and proposals during the second half of 2023. The objective is to provide the overarching priorities and framework for future technical assistance delivered through IMO's various regional and global technical cooperation programmes and projects.

58 The programme also delivered four additional regional and national technical assistance activities in support of the Pacific and Caribbean regions, which have the highest concentration of IMO Member States that are categorized as SIDS. These activities included:

- .1 support to strategic maritime developments through the 22nd session of the Asia-Pacific Heads of Maritime Safety Agencies (APHoMSA) Forum, which was held in July 2022, as well as a review of the Pacific Regional Framework for Action on Transport Services; and
- .2 two national training workshops on oil spill contingency planning in the Caribbean and Latin America region, during which 22 maritime officials gained experience in developing a risk register and risk matrix for oil spill scenarios in Dominica, while 28 participants in the Dominican Republic conducted a gap analysis to assess the level of national preparedness and response for oil spill incidents.

59 IMO's **Women in Maritime Programme** continued to deliver activities in support of SDG 5 "Achieve gender equality and empower all women and girls" through the eighteenth (which was postponed from 2021 due to COVID-19 restrictions) and nineteenth training courses on "Women in Port Management" conducted by the Institut Portuaire d'Enseignement et de Recherche (IPER) in collaboration with IMO. Fellowships were awarded to 26 Francophone and 28 Anglophone female maritime managers and port officials, respectively, to participate in the two-week programme. The WIM programme also supported and funded 18 women officials from across the world to participate in the Port Senior Management course organized by the Galilee International Management Institute (GIMI) in Israel in June 2022; and provided fellowships for 40 members of the IMO Women in Maritime Associations (WIMAs) and 20 WISTA International members to participate in the first and second courses of the Maritime SheEO Leadership Accelerator Programme, designed to foster the skills necessary for women to achieve leadership positions and break the glass ceiling.

60 Following the signing, in 2020, of a memorandum of understanding between IMO and WISTA International for the promotion of greater diversity and inclusion through enhanced cooperation activities in the maritime sector, both Organizations collaborated in the development of a database of female experts on maritime subjects, with the objective of bringing these experts to IMO and external conferences and activities, increase the visibility of women in the maritime sector, and strengthen the cooperation between WIMAs. The database can be found at the following link: www.maritimespeakers.com

61 In keeping with the support provided to the regional IMO WIMAs, the Programme also sponsored and participated in the first Annual General Meeting and Conference of the Association of Women in Maritime of West and Central Africa (WIMOWCA) and the tenth Annual Conference of the Association of Women in Maritime in Eastern and Southern Africa (WOMESA) to ensure women's full and effective participation at all levels of maritime decision-making in political, economic, and public life.

62 Lastly, the Programme funded the celebration, on 18 May 2022, of the inaugural IMO International Day for Women in Maritime, with a virtual Symposium on "Training-Visibility-Recognition: Supporting a barrier-free working environment for Women in Maritime". This day celebrates women in the industry and is intended to promote the recruitment, retention and sustained employment of women in the maritime sector, raise the profile of women in maritime, strengthen IMO's commitment to SDG 5 and support work to address the current gender imbalance in maritime.

63 Further comprehensive information on WIM activities can be found in document TC 73/9.

64 The **Capacity-building and Training programme** continues to reinforce national and regional maritime capacities through human resources development. In 2022, it funded fellowships for maritime specialists to follow post-graduate studies at WMU and IMLI (see documents TC 73/10(a) and TC 73/10(b), respectively) and to attend short- and medium-term courses at other training institutions (see document TC 73/10(c)). The programme also supported the governance of WMU and IMLI, as well as the delivery of lectures, virtual webinars and seminars by IMO officials at both institutions, including WMU faculty staff who assisted with the delivery of a seminar at IMLI.

65 Funding under this programme was also provided to train officials in the formulation of National Maritime Transport Policies (NMTPs), through the delivery of workshops, namely for Cameroon, Brazil and Suriname, thereby assisting the respective countries to engage in the development of NMTPs as a means to support sustainable maritime development and ensure effective implementation of their international obligations and responsibilities as flag, port and coastal States.

66 Furthermore, the programme supported the initiation of the development of an e-learning course on the Ballast Water Management Convention and the development of course material for two introductory training courses on the maritime single window and on countering wildlife trafficking in the maritime supply chains, which would eventually be transformed into e-learning courses. It also funded the translation into French of the content of the e-learning course "An introduction to Oil Pollution Preparedness, Response and Cooperation" and the development of an audio-visual guidance tool covering pre-identified modules of the IMO Global Integrated Shipping Information System (GISIS), to assist Member States in their data population process of GISIS and increase the availability and reliability of data. Support costs for one Junior Professional Officer (JPO) recruited under the gratis modality scheme were also covered under the programme.

67 The global programme on **Reducing atmospheric emissions from ships and in ports and effective implementation of MARPOL Annex VI and the Initial IMO GHG Strategy** was designed to assist Member States with the effective implementation of MARPOL Annex VI, the IMO Initial GHG Strategy and achieving the global 0.50% sulphur limit.

68 During 2022, the programme continued to raise awareness on the need to decarbonize shipping, as well as the opportunities related to this imperative. Notably, it provided an understanding of the decarbonization pathways and the fuels and technologies that can be deployed, as well as providing good momentum for Member States to develop their National Action Plans on reducing GHG emissions from shipping, in line with IMO resolution MEPC.327(75). The programme funded the [Second IMO Symposium on alternative low- and zero-carbon fuels for shipping](#), held in hybrid mode at the IMO Headquarters on 21 October 2022. Under the theme "Ensuring a just and inclusive transition towards low-carbon shipping", more than 1,500 participants from Member States, intergovernmental organizations (IGOs), non-governmental organizations (NGOs) and the public were informed of the needs and opportunities for developing countries in the process of energy transition towards low/zero-carbon alternative fuels for shipping.

69 It should be noted that during the same period under review, a number of regional programmes under the ITCP also supported the implementation of activities on MARPOL Annex VI and the Initial IMO Strategy on the reduction of GHG emissions.

70 A number of ITCP activities aimed at raising awareness on the need to decarbonize shipping were postponed from 2022 to the first quarter of 2023. These activities will be reported to TC 74.

71 The global programme on the **Enhancement of Maritime Security** continues to focus on targeted assistance to respond to increasing threats posed by terrorism, piracy, armed robbery, smuggling and other illicit activities at sea, and take measures that protect ships and ports. The programme, inter alia, responds to SOLAS Contracting Governments' requests related to the implementation of the requirements set out in SOLAS chapter XI-2, the International Code for the Security of Ships and of Port Facilities (ISPS Code) and other IMO maritime security measures, such as the implementation of the Long Range Identification and Tracking (LRIT) system, the implementation of the SUA treaties, and security aspects of the FAL Convention.

72 In 2022, a number of workshops and seminars were delivered in partnership with the UN and other implementing partners with a shared interest in enhancing maritime security worldwide, including port visits organized by the UN Counter-Terrorism Committee to assess compliance of Member States with various international security instruments. Fifteen activities were organized and/or co-organized with development partners for Designated Authorities, port and ship security officials, managers, and other related personnel, especially designed to review and enhance the implementation of effective maritime security, including training on ISPS Code requirements, national maritime security legislation, self-assessment, and drills and exercises, as well as new courses on the Whole of Government Approach.

73 The new IMO Whole of Government Approach to Maritime Security course aims to equip designated authorities, port and ship security officials, managers, and other related personnel with an overview of the process required to develop National Maritime Security Committees, Risk Registers, and Strategies to help improve the effectiveness of national maritime security decision-making and oversight. In 2022, the first workshop on this matter was delivered in Central America in partnership with the Organization of American States (OAS).

74 The global programme continues to support counter-piracy capacity-building and global implementation of measures to suppress piracy through the coordination of initiatives among stakeholders, including facilitating meetings with industry and Interregional Coordination Centre representatives. In 2022, the global number of incidents generally continued to fall, particularly in the Gulf of Guinea, with 13 incidents reported in the first six months of 2022 compared to 27 in the same period in 2021.

75 The programme also continued its commitment to increase the number of women in maritime security activities by promoting the nomination of women in workshops, seminars, and training by providing additional funding. In 2022, 29 female candidates from developing countries were sponsored to attend a six week Maritime and Port Security course at the GIMI in Israel. The course addressed the various strategic, legal, logistical, and technological aspects of maritime security, including the implementation of port facility security assessments, and the development of port security plans and procedures.

76 The global programme on the **IMO Member State Audit Scheme (IMSAS)** continues to assist in facilitating the preparation of the audits, identification of obstacles to completing the audits and the effective implementation of actions to address the findings from the audits.

77 During 2022, the programme delivered two regional training courses for auditors and a regional workshop for administrators, according to section 9 of resolution A.1067(28) on *Framework and Procedures for the IMO Member State Audit Scheme*. The three activities reached 88 people across five regions, and trained the participants on IMSAS and particularly on assisting their administrations on preparing for an audit.

78 Under the **Maritime Development** global programme, technical assistance was provided across the board in the alignment and mainstreaming of the SDGs into national development plans and programmes.

79 The global programme supported IMO's participation at the United Nations Climate Change Conference (COP 27), held in Sharm El-Sheikh, Egypt. It also produced a range of promotional materials related to IMO's work, as well as materials raising awareness on marine biofouling and invasive aquatic species.

80 Consultancy services were provided to develop the Phase II action document for IMO's Global Maritime Technology Cooperation Centres (MTCCs) Network (GMN), formally titled "Capacity Building for Climate Mitigation in the Maritime Shipping Industry". Phase II of GMN expands the technical support, capacity-building programmes and geographic outreach to improve maritime energy efficiency and support implementation of initial IMO GHG strategy in the participating regions.

81 The programme sponsored participants from five countries to participate in the International Oil Spill Forum (INTERSPILL 2022) which enhanced participants' knowledge on topics related to oil pollution preparedness and response, with a view to improving their respective technical competencies and developing capacity at the national level.

82 The programme further supported the social media campaign and similar activities to promote the 2022 International Day of the Seafarer under the theme "Seafarers and their Voyages", which focused on seafarers and how the voyage of shipping helps in connecting the experience of seafarers with technological advancements in shipping.

83 On the topic of supporting seafarers on the frontline of COVID-19 and the Black Sea and Sea of Azov crisis, the programme supported the creation of Seafarer Crisis Action Team (SCAT) storylines and testimonies on the IMO website to demonstrate the important work of SCAT.

84 On matters relating to port State control MoUs, the programme sponsored trainers of PSCOs from developing PSC regimes to attend specialized training and receive updates on relevant instruments, in particular regarding tankers and PSC inspection techniques in accordance with global standards.

85 Support and facilitation were provided for a hybrid train-the-trainer workshop for seafarers on ships operating in Polar waters. Instructors from maritime education and training institutions responsible for providing training based on the IMO Model Courses 7.11 and 7.12 on Basic and Advanced Training for Ships Operating in Polar Waters, benefited from a competence-based skills training on how to update, improve and deliver training programmes based on the relevant standards of the STCW Code.

86 The programme supported IMO's participation at the global virtual event to celebrate the World Drowning Prevention Day, at which IMO delivered a presentation on IMO's efforts towards drowning prevention through enhancement of safety of ships and fishing vessels, and further funded IMO's participation at the Global South-South Development (GSSD) Expo held in Bangkok, Thailand, at which IMO co-hosted the Thematic Solution Forum with UNESCAP, as well as participation at the Korea Maritime Week in Busan, Republic of Korea.

87 Through the support of the programme, IMO hosted a seminar at its Headquarters to commemorate the fortieth anniversary of the adoption of the United Nations Convention on the Law of the Sea (UNCLOS), with the aim to achieve effective implementation of IMO regulatory regime and strengthened working relationship with UNCLOS and the wider United Nations system.

88 The programme also provided funding support to a Study Group to address issues arising from fraudulent registries and registration of ships and measures to prevent and combat the practice, which is a long-term programme that started in 2022 and would continue to 2024 under the auspices of the Legal Committee.

89 The programme on the **Promotion of the London Protocol (LP)** provides technical assistance to developing countries (including prospective LP parties) related to the LP. In 2022, the activities continued to target accession to, and implementation of, the LP, as well as the identification and removal of barriers for countries to achieve compliance with ocean disposal agreements as a crucial part of marine pollution management. The programme also supported the preparation and compilation of a report providing a comprehensive review of the Strategic Plan over the period 2017-2021. Moreover, funding was allocated for the organization of the IMO-WMU joint academic hybrid conference commemorating the fiftieth anniversary since the adoption of the London Convention, which achieved new research insights and established impactful actions, along with funding for the LC/LP governing bodies meeting.

90 The **IMO Model Courses** programme, which is now managed outside the framework of the ITCP, provides a framework for the development of new, and the revision of existing, IMO model courses, and for managing the production, translation, editing and printing of these courses. However, no IMO model courses were validated in 2022 under the circumstances stemming from the COVID-19 pandemic and, consequently, no publication and translation of model courses were made in 2022. To facilitate validation of the pending model courses, three virtual drafting groups, which took place in 2022, considered two draft new model courses: "Passenger safety, cargo safety and hull integrity training" and "Engine-room resource management", and five draft revised model courses: 1.22 on "Bridge resource management"; 2.03 on "Advanced training in firefighting"; 3.25 on "Security awareness training for all port facility personnel"; 3.26 on "Security training for seafarers with designated security duties"; and 3.27 on "Security awareness training for all seafarers", which have been validated in 2023.

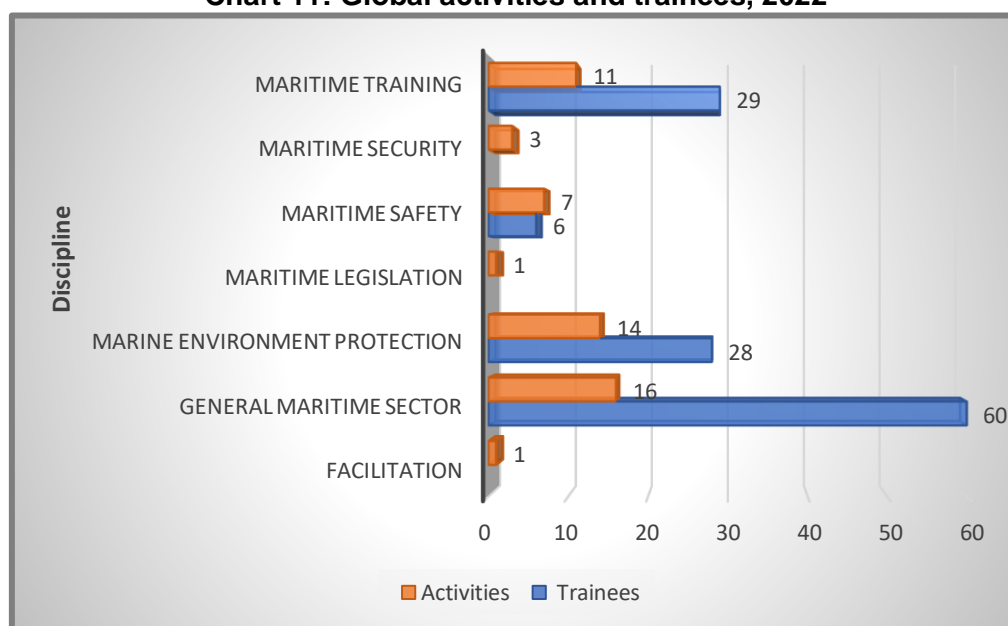
91 The Djibouti Code of Conduct and the West and Central Africa Maritime Security global programmes are no longer being managed within the framework of the ITCP and they now operate as thematic long-term projects. Therefore, the programmes' deliverables for 2022 are reported under the thematic long-term projects section below, from paragraphs 96 to 127.

Table 7: Summary of deliverables in global activities, 2022³

Activities	2022
Advisory/assessment missions	0
National training events	n/a
Regional training events	n/a
Global training events	4
Other activities	49
Trainees and Fellows	
Trainees in IMO-sponsored training events	123
Fellows (funded by IMO, in IMO global maritime training institutions)	n/a
Other fellows	n/a
Other	
Strategy officials	0

³ In the case where an activity comprised participating countries from more than one region, these activities have been categorized under the global category. It is to be noted that fellowships in global activities have been disaggregated into the beneficiary regions and have thus been included under the regional tables in the preceding paragraphs, and therefore, they do not appear in table 7.

Chart 11: Global activities and trainees, 2022



SUMMARY OF ALL PROGRAMMES

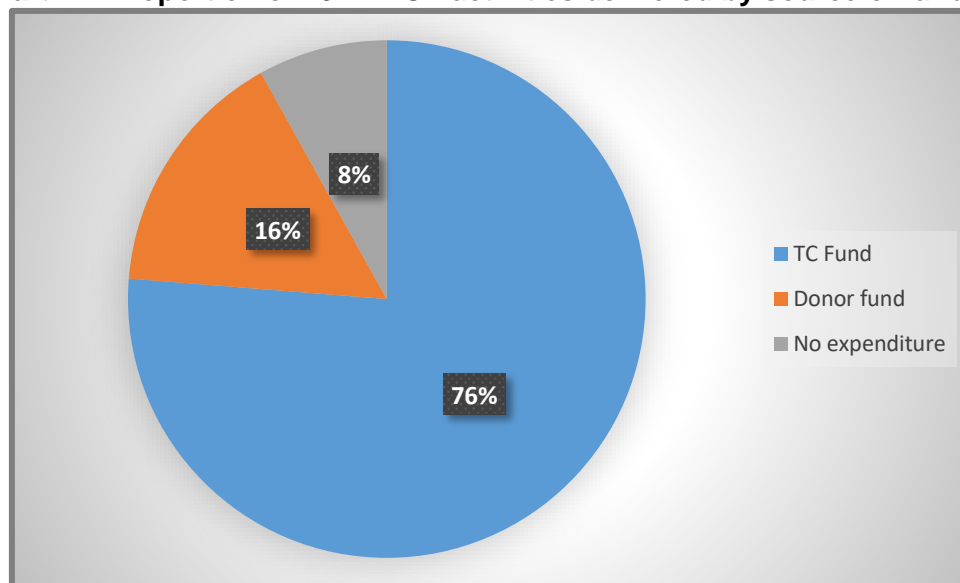
92 The activities delivered under all ITCP regional and global programmes during 2022 are summarized in table 8 below. It should be noted that in an effort to more accurately reflect the beneficiary countries, participants of activities under the global programmes have been disaggregated into the beneficiary regions, whenever possible, and have thus been included under the regional statistics. In the case where participation in an activity comprised participants from more than one region, these participants have been categorized under the global category.

Table 8: Summary of deliverables in all regional and global programmes, 2022

Activities	Africa	Arab States/ Med	Asia	Pacific Islands	WA/EE	Latin America	Caribbean	Global	Total
Advisory/assessment missions	2	1	1	1		3			8
National training events	16	7	8	3	3	7	3	n/a	47
Regional training events	15	5	5	1		8	2	n/a	36
Global training events	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4	4
Other activities	7	3	11	8	1	3	4	49	86
Trainees/Fellows									
Trainees (in IMO-sponsored training events)	611	223	495	76	54	294	152	123	2,028
Fellows (funded by IMO, in IMO global maritime training institutions)	13	5	6		4	1	3	n/a	32
Other fellows	127	18	22	5	1	14	24	n/a	211
Other									
Strategy officials	232		79			81	80		472

93 As detailed further in annex 2, the activities under the ITCP are financed through a combination of the TC Fund and donor funding. The table showing the full list of activities programmed in 2022 is shown in the appendix to this document. In the appendix table, there is a column for TC Fund, indicating whether the activity was financed in part or in full by the TC Fund (cell marked "Yes"), whether it was fully funded by donors (cell marked "No") or whether there was no expenditure associated with the activity (cell marked "N/A"). Where a cell is left blank, the activity was postponed or cancelled. Chart 12 below shows the proportion of completed and ongoing activities financed in part or in full by the TC Fund, and those which were fully donor funded.

Chart 12: Proportion of 2022 ITCP activities delivered by source of funding



IN-KIND SUPPORT FOR THE DELIVERY OF THE ITCP

94 An essential element in the successful implementation of ITCP activities is the in-kind support provided by Member States, international and regional organizations and the maritime industry. In-kind support typically takes the form of provision of facilities for the activities delivered. The appendix provides details on the individual ITCP activities delivered in 2022, including their location. Generally, it can be assumed that, when applicable, the national authorities of the host country have provided the facilities for the activity delivered.

95 In addition to the aforementioned provision of facilities, the following in-kind support contributed significantly to the delivery of the programmes of ITCP during 2022.

Table 9: In-kind support

Provision of:	In-kind support providers:
Resource persons , such as experts and consultants on a no-fee basis, provided by:	Australia, Denmark, France, Ghana, Mexico, New Zealand, Republic of Korea, Singapore, Spain, United Kingdom, United States, CPPS, IALA, SPC, SPREP
Logistical arrangements, administrative support and co-organization , provided by:	Albania, Argentina, Brazil, Cabo Verde, Côte d'Ivoire, Cameroon, Colombia, Comoros, Costa Rica, Democratic Republic of Congo, Dominican Republic, Ghana, Guatemala, Guinea, Guinea Bissau, Honduras, Kenya, Malawi, Nicaragua, Nigeria, Panama, Philippines, Senegal, Solomon Islands, Suriname, United Republic of Tanzania, COCATRAM, CPPS, PERSGA, RAC/REMPEITC-Caribe, SPC, SPREP
Catering , provided by:	Albania, Brazil, Cabo Verde, Cameroon, Colombia, Comoros, Costa Rica, Côte d'Ivoire, Democratic Republic of the Congo, Ghana, Guatemala, Guinea, Guinea Bissau, Honduras, Kenya, Malawi, Nicaragua, Nigeria, Panama, Senegal, Suriname, United Republic of Tanzania, PERSGA
Financial assistance and funding for participants , provided by:	
Cost-sharing, including travel and accommodation , provided by:	Costa Rica, Ghana, Guatemala, Nigeria
Translation and interpretation services , provided by:	Colombia, Nigeria, Senegal
Additional in-kind support provided by:	Administrative support for the Regional Presence Offices in Côte d'Ivoire, Ghana and Kenya Office space for the Regional Presence Office in Côte d'Ivoire Administrative support and office facilities for the Regional Presence Office in the Philippines and by SPC for the Regional Presence Office in Fiji

THEMATIC LONG-TERM PROJECTS

96 In addition to the regional and global programmes under the ITCP, IMO's technical cooperation programme for 2022 included a number of thematic long-term projects. These are delivered using external funds obtained under IMO's resource mobilization strategy.

97 The continuously growing portfolio of long-term projects has been addressing various global challenges that are key for the implementation of the 2030 Agenda and the transformation of the maritime sector to a more sustainable future, with a focus on the maritime needs of developing countries, in particular SIDS and LDCs.

98 Guided by a clear set of outcomes and activities defined by a project results framework that is monitored and evaluated regularly, these projects are delivered with the support of national, regional and global stakeholders and strategic partners. These include Governments, industry, non-governmental organizations and other civil society organizations – all vital partners in successful, impactful implementation. These projects also align with the SDGs and encourage active collaboration and participation between IMO, governmental agencies and other relevant stakeholders.

Marine environment projects

99 The **preparatory phase of the Blue Solutions project**, an Asia Maritime Transport Emissions project that aims to support East and Southeast Asian countries in identifying opportunities to prevent and reduce transport emissions, was submitted for approval in 2022 to the International Climate Initiative (IKI) of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (BMU). The full-size project, once approved, will target reduction of GHG and other pollutant emissions from ships within ports, and from hinterland transport through energy efficiency improvements, optimized processes and innovative technologies (blue solutions).

100 The IMO-Republic of Korea **GHG SMART (Sustainable Maritime Transport Training Programme to Support the Implementation of the GHG Strategy) Programme** is funded by the Republic of Korea (\$2.5 million), supporting SIDS and LDCs with the implementation of the IMO GHG Strategy via building sufficient human capacity in these countries. This includes development of a comprehensive training programme and post-training monitoring, evaluation, and refinement. The 2022 GHG SMART Practical Training and Study Visit was held from 19 to 23 September 2022 in Busan, Republic of Korea. The GHG-SMART Project represents an innovative way of delivering IMO's training activities since it provides a continued long-term training programme for the participants, over one year. The online Core Training will be followed by post training monitoring, evaluation and refinement. Participants will undergo classroom training as well as field training. The field training will include visits to the technology development and demonstration sites and major infrastructure facilities that support GHG reduction and energy efficiency.

101 **The Global Maritime Technology Cooperation Centre Network (GMN)** is funded by the European Union (EU) (\$11 million). Phase I was successfully completed in March 2022, which aimed to reduce international shipping's GHG emissions. Over the course of six years, the GMN established five MTCCs in Africa, Asia, the Caribbean, Latin America and the Pacific with a primary goal of enhancing the human and institutional capacities in maritime administrations and port authorities. The Network conducted over 90 workshops and conferences and delivered ten pilot demonstration projects. To build on this success, the European Commission has pledged a further €10 million to support GMN Phase II from 2023 to 2027. The focus will be on scaling up the work of the regional centres, with emphasis on facilitating the introduction of portside energy efficiency measures and technologies, as well as retrofitting domestic vessels through pilot demonstrations.

102 The IMO-Norway **GreenVoyage2050 Project**, funded by the Norway Ministry of Climate and Environment (\$7.5 million), has accelerated its work on a number of new pilot project proposals to demonstrate new technologies and supporting countries in their efforts to reduce emissions from ships. During 2022, the project continued supporting countries in the development of National Action Plans (NAPs) and the drafting of legislation to incorporate MARPOL Annex VI into national law. Through its Low Carbon Global Industry Alliance (GIA) the project has developed several new online resources addressing topics such as Just-In-Time arrivals, alternative marine fuels regulations, and confidence grading for energy efficiency technologies, as well as launching a second e-Learning course in collaboration with the UN Climate Change Learning Partnership (UN CC:Learn).

103 The **IMO Coordinated Actions to Reduce Emissions from Shipping (IMO CARES) Project** is funded by the Kingdom of Saudi Arabia (\$1.6 million) and aims to reduce shipping emissions through coordinated actions worldwide. The project connects the global north and south by providing a global cooperation and collaboration platform that supports innovation whilst stimulating the development and uptake of energy efficiency technologies. The IMO CARES project completed its one-year preparatory phase in 2022 and

has now received a further round of funding from the Kingdom of Saudi Arabia that will enable the initiative to move to a full-scale implementation phase from 1 April 2023. IMO CARES aims to achieve its first-year objectives through technology needs assessments for developing regions and global technology challenge activities designed to find appropriate solutions through research and networking events.

104 The second **IMO-UNEP-Norway Innovation Forum (Innovation Forum 2022)** was funded by Norway (\$167,252) and provided a global platform aimed at championing innovation to accelerate the transition of the marine sector towards a zero- and low-emission future and focused on addressing the specific needs of developing countries, especially SIDS and LDCs. The Forum was linked to the IMO World Maritime Day theme 2022 "New Technologies for Greener Shipping", with a special emphasis on inclusive innovation for decarbonization of maritime sector. The event was supported by the Government of Norway, the IMO Secretariat and the United Nations Environment Programme (UNEP) in order to promote innovation by providing a global platform to exchange best practices and fill necessary gaps by gathering ideas and latest developments from all competent international policy makers. Norway has pledged a contribution to fund a third Innovation Forum – Innovation Forum 2023.

105 IMO and the Maritime and Port Authority of Singapore (MPA) jointly launched **NextGEN Connect** ("GEN" stands for "Green and Efficient Navigation"). The aim is to bring together industry stakeholders, academia and global research centres to offer inclusive solutions for maritime decarbonization for trials along specific shipping routes. The launch was made during the IMO-Singapore Future of Shipping Conference: Decarbonization (6 April 2022). Under NextGEN Connect, diverse stakeholders were invited to propose robust methodologies to jointly develop, on a pilot basis, route-based action plans to reduce greenhouse gas (GHG) emissions between specific points along a shipping route in the Asia-Pacific region. Following the review of proposals by an expert panel, a winner was announced during the Singapore Maritime Week (24 to 28 April 2023), and work is currently underway to develop case studies for potential route-based actions between different ports. Furthermore, the NextGEN database (nextgen.imo.org/) currently lists more than 150 decarbonization projects with more than 500 stakeholders worldwide, including IMO Member States, shipowners, technology developers, classification societies and non-governmental organizations.

106 "Building Partnerships to Assist Developing Countries to Minimize the Impacts from Aquatic Biofouling" (GEF-UNDP-IMO **GloFouling Partnerships** project) is part of a wider IMO effort, in collaboration with the United Nations Development Programme (UNDP) and the Global Environment Facility (GEF), to protect marine ecosystems from the negative effects of invasive aquatic species. The seed funding is provided by GEF (\$6.9 million). The Project fosters an intervention in 12 beneficiary countries and 14 partnering countries in six regions at multiple levels: driving legal, policy and institutional reforms in countries to implement the IMO Biofouling Guidelines; developing capacity to enact a national policy; and bringing in active private sector participation to identify effective solutions and technologies to deal with biofouling. The project also looks at GHG emissions resulting from biofouling on ships.

107 During the period under review, the project finalized the development and published three global guides for governments and two technical reports on best management practices in the recreational boating and aquaculture sectors. The project also organized the second GloFouling Partnerships Forum and Exhibition on Biofouling Prevention and Management for Maritime Industries from 11 to 14 October 2022 at IMO Headquarters with 180 in-person attendees. The e-learning training course "Introduction to biofouling: impacts and management of risks" is now open to the public and available in the IMO LMS platform. The Global Industry Alliance (GIA) for Marine Biosafety has commissioned two reports (one on biofouling management regulations and the other one on GHG aspects related to biofouling

management) and has released a short animation showcasing the findings of its published study "Analysing the Impact of Marine Biofouling on the Energy Efficiency of Ships and the GHG Abatement Potential of Biofouling Management Measures". As a result of its Mid-Term Review, the project was extended to 31 May 2025.

108 The "Accelerating Transfer of Environmentally sound Technologies through demonstration pilots to reduce biofouling and related emissions" (**TEST Biofouling**) Project, launched in 2022, is funded by the Norwegian Agency for Development Cooperation (Norad) (\$4 million) and will assist developing countries to build their knowledge on control and management of biofouling and showcase effective approaches to biofouling management and the mitigation of environmental risks associated with the transfer of Invasive Aquatic Species (IAS) through biofouling by means of demonstration projects at both regional and country level. The project has a duration of four years (January 2022 to December 2025).

109 **The IMO-FAO GloLitter Partnerships Project** is funded mainly by Norway and further funding has been secured from Australia and the Kingdom of Saudi Arabia totalling \$4.5 million. GloLitter has been working with the Lead Partnering Countries (LPCs) on finalizing National Action Plans (NAPs) to ensure that the implementation of priorities identified in NAPs start in early 2023. Seven NAPs were finalized in 2022 with the remaining three to be finalized in the early part of 2023. The NAP activities prioritize actions to address Sea-Based Marine Plastic Litter (SBMPL) on a national level in accordance with MARPOL Annex V, London Convention/ London Protocol, and the IMO Action Plan to Address Marine Plastic Litter from ships. The finalization of the NAPs will allow countries to proceed with twinning arrangements with Partner Countries (PCs) in their regions, working together on common issues related to marine plastic litter with the support from the GloLitter project.

110 The **IMO-Norad Marine Environment Protection of the South-East Asian Seas (MEPSEAS) project** was funded by the Norwegian Agency for Development Cooperation (\$1.85 million) and was concluded in 2022 after its final year of implementation. The final year of the project focussed on trialling the port State control (PSC) and flag State inspection (FSI) procedures which each participating country developed during the national level compliance monitoring and enforcement workshops held in the last quarter of 2021. The project held its final High-Level Regional Meeting in Viet Nam and a Regional Technical Conference in Singapore during 2022.

111 The **SENSREC Phase II (Safe and Environmentally Sound Ship Recycling in Bangladesh) project** is funded by the Norwegian Ministry of Foreign Affairs (\$1.1 million). Phase II focused on institutional and legal roadmap towards ratification of the Hong Kong Convention and a robust training and management system of 900 trainees including government officials, professional trainers, ship recycling yard owners and workers. During 2022, the Ministry of Industries, key implementing partner, and industry, Bangladesh Ship Breakers and Recyclers Association (BSBRA), have cultivated a strong level of ownership in greening ship recycling in Bangladesh and collaborated closely on project activities. The remaining activities under Phase II focus on gender sensitisation of the ship recycling industry, including a workshop planned in 2023 in Chittagong to discuss recommended actions on the economic participation of women in ship recycling industry. Phase III of the project is expected to commence in 2023, with a greater focus on assisting Bangladesh in setting up the hazardous waste management infrastructure which is expected to receive ODA loans in 2023.

112 The **Global Partnership for Mitigation of Underwater Noise from Shipping (GloNoise Partnership) project** is currently under design by IMO, UNDP and the Global Environment Facility (GEF), aiming for a start date in the fourth quarter of 2023. The overall objective of the GloNoise Partnership project is to establish a truly global stakeholders' partnership, with a strong focus on developing countries, in order to deal with the major

environmental issue of underwater noise from shipping. The specific objective of the project is to assist developing countries and regions to raise awareness, to build capacity and to collect information to assist the policy dialogue on anthropogenic underwater noise mitigation from shipping. The project is based on IMO's Guidelines for the reduction of underwater noise from commercial shipping to address adverse impacts on marine life, and its future revisions, and relevant policy discussions at multiple levels.

113 IMO made full use of the Global Industry Alliance (GIA) initiative to partner with all maritime industries in finding solutions to the most pressing environmental issues. After Low Carbon GIA, the GIA for Marine Biosafety, a third GIA for GloLitter was launched in 2022.

Maritime security projects

114 In 2020 IMO signed a UN to UN Agreement with the United Nations Office on Drugs and Crime (UNODC), under which IMO (alongside UNODC and INTERPOL) is an implementing partner of a project funded by the European Union (€7.5 million funding) on **Port Security and Safety of Navigation in Eastern and Southern Africa (ESA) and the Indian Ocean**. Participating countries include Angola, Comoros, Kenya, Madagascar, Mauritius, Mozambique, Namibia, Seychelles and United Republic of Tanzania.

115 Under the project, IMO aims to assist participating countries to enhance maritime security and safety in the Eastern and Southern Africa and Indian Ocean region in line with the 2050 Africa's Integrated Maritime Strategy. Involving direct targeted assistance at both the National Administration and port facility levels, to ensure that capacities of safety of navigation authorities are strengthened and port security legislation and the related compliance framework are developed and implemented.

116 The focus, during 2022, was primarily upon five key activities, namely:

- .1 the identification of gaps in national legislation related to maritime security as regards implementing IMO technical instruments and recommendations;
- .2 support to address these gaps, including drafting support;
- .3 assessment of the country's current commitment to the relevant regional MoU on Port State Control (Indian Ocean MoU or Abuja MoU), and the provision of assistance to meet port State control requirements;
- .4 support to the conduct of ISPS Code Port Facility Security Assessments (PFSAs), including support to the drafting of Port Facility Security Plans (PFSPs); and
- .5 the establishment or enhancement of National Maritime Security Committees, including ongoing expert support and advice.

117 The **Regional Programme for Maritime Security in the Red Sea Area**, which is funded by the European Union (€5.25 million total funding), was launched in February 2022 in Djibouti. Under this programme, IMO is engaged in coordinated actions with the International Criminal Police Organization (INTERPOL), the United Nations Office on Drugs and Crime (UNODC), and the Intergovernmental Authority on Development (IGAD), in support of participating countries, namely Djibouti, Eritrea, Ethiopia, Somalia, Sudan, and Yemen, to develop capacities and promote adequate security and safety standards for maritime, port and land-based law-enforcement authorities, in line with the objectives of the 2050 Africa's Integrated Maritime Strategy.

118 During 2022, IMO's work focused on strengthening the national legal frameworks of participating countries, with a view to providing the basis for the full implementation and oversight of the maritime security measures, with particular emphasis on port-related instruments and measures to enhance maritime security, also including the training of maritime and port security policymakers and their legal advisors. IMO is also supporting participating countries in the establishment of a whole of government approach towards maritime security, providing technical assistance to enhance ISPS Code implementation and to meet Port State Control (PSC) requirements, as well as support to the conduct of ISPS Code Port Facility Security Assessments (PFSAs).

119 The **implementation of the Djibouti Code of Conduct** programme continues to support Member States in the Western Indian Ocean and the Gulf of Aden in building capacity to counter piracy and other threats to maritime security. Building on the experience and success of the revised Code of Conduct concerning the repression of piracy, armed robbery against ships, and illicit maritime activity in the Western Indian Ocean and the Gulf of Aden, and through the established governance structure, the program promotes the implementation of provisions of the Code. This includes a working group on information sharing and a working group on capacity-building coordination. The programme has adopted a whole-of-government approach model in its interventions, along with an Information Sharing Network (ISN) Strategy and Roadmap. This roadmap includes the development of a "tool box" for operationalizing the DCoC ISN, which comprises a vision, mission, and commitment for all Member States to establish their multi-agency National Maritime Information Sharing Centres (NMISCs) by March 2024. Additionally, a Capacity-Building Coordination Matrix has been developed on the Members-only portal of the DCoC website. This matrix aims to connect implementing partners and Friends of DCoC in order to align their support and technical assistance with the regional needs and priorities as highlighted by the Member States on the CB Matrix. The CB Matrix aims to promote the utilization of synergies, avoidance of duplication, and better collaboration with donors and implementing partners, ultimately leading to a more efficient response to the range of maritime security threats in the region.

120 The **West and Central Africa Maritime Security Programme** aims to deliver capacity-building activities focusing on providing direct assistance to Member States in the region with a view to developing and enhancing their ability to address issues and challenges in their maritime domains. The programme is funded by contributions to the IMO West and Central Africa (WCA) Maritime Security Trust Fund.

121 Thanks to a contribution from the Government of the United Kingdom to the IMO WCA Maritime Security Trust Fund, IMO continued its support to the Interregional Coordination Centre (ICC) for implementation of the Yaoundé Code of Conduct (YCC) by recruiting an expert to assess the current status of the Centre and assist the Centre to enhance its strategic role in the region, facilitate discussions with regional entities and existing centres under the YCC architecture, as well as to fund IMO's attendance to relevant meetings, such as the G7++ Friends of the Gulf of Guinea.

122 Additionally, thanks to a contribution from the Republic of Korea to the IMO WCA Maritime Security Trust Fund, IMO has finalised phase 1 of the installation of the High Frequency radio network across Zone E, within the Yaoundé architecture. This communications network will facilitate timely communication and information sharing in the region, on land and at sea.

123 IMO is seeking additional support and contributions to continue the work given that the balance of the WCA Trust Fund is currently low.

Other projects

124 The **Carib-SMART Programme** is intended to support the effective development and implementation of a Sustainable Maritime Transport (SMART) system that will enable Caribbean SIDS to build-back better from the impact of the COVID-19 pandemic in the critical maritime sector on which SIDS economies in the Caribbean are heavily dependent. The Carib-SMART Preparatory Phase Project, funded by IMO and Norway, was completed in 2022. This phase aimed at undertaking the preparatory work for developing, designing and securing regional endorsement for a long-term technical assistance Programme (Carib-SMART Programme) for Caribbean SIDS.

125 In this regard, the outputs of the Carib-SMART Preparatory Phase Project include a report based on a survey questionnaire to maritime transport stakeholders, which was administered over the period 16 June to 8 July 2022; national and sub-regional needs assessment reports validated for the thirteen project countries; and receipt of endorsement by the Directors and Heads of Caribbean maritime administrations at their annual meeting held in Paramaribo, Suriname, in July 2022 for the Carib-SMART Preparatory Phase Project and its activities during this Phase.

126 The next steps will be to seek endorsement of the Carib-SMART Programme project proposal by the Directors and Heads of maritime administrations, Ministers responsible for maritime transport and Heads of Government of the Caribbean Community (CARICOM).

127 The **Single Window for Facilitation of Trade (SWiFT) Project** is a collaboration between IMO and Singapore, which aims to develop a Maritime Single Window (MSW) system to allow for the electronic submission, through one single portal, of all information required by various government agencies when a ship calls at a port. The Port of Lobito, Angola, is the pilot recipient port of this project. The project aims to establish an efficient digitalised system for the electronic exchange of information in ports for ship clearance. Upon successful delivery, the project will be scaled up and used as a template to benefit more developing countries in subsequent phases. The project was initiated in February 2022 and worked on its process mapping phase.

**APPENDIX
Planned ITCP activities for 2022**

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Regional Programmes										
Programme for support to maritime development, Africa										
On scene coordinators national training course (IAMSAR Vol.III) including SAR Basics	Completed	January	Virtual	This activity was delivered in collaboration with IMRF. The participants were provided with an overview of the relevant functions within a SAR mission, in particular with responsibilities, tasks and interaction with SAR resources or facilities. The participants gained a better understanding of follow up advice given by a MRCC, as defined in the IAMSAR Manual Vol III.	Ghana	15			Maritime safety	Yes
National workshop on Port State Control	Completed	March	Sao Tome, Sao Tome and Principe	Enhanced knowledge and understanding of the operations of the harmonized PSC inspection procedures and guidelines amongst the Member States of Abuja MoU with a view to facilitate international transport.	Sao Tome and Principe	11			Maritime safety	Yes
National workshop on Port State Control	Completed	December	Bissau, Guinea-Bissau	Enhanced knowledge and understanding of the operations of the harmonized PSC inspection procedures and guidelines amongst the Member States of Abuja MoU with a view to facilitate international transport.	Guinea-Bissau	24			Maritime safety	Yes
National workshop on oil spill contingency planning	Cancelled		Port Louis, Mauritius		Mauritius				N/A	
National workshop on Particularly Sensitive Sea Areas (PSSAs)	Cancelled		Cape Town, South Africa		South Africa				N/A	
Regional workshop on implementation of the Ballast Water Management Convention	Completed	December	Dar es Salaam, United Republic of Tanzania	Enhanced awareness, knowledge and skills of participants on relevant aspects of the BWM Convention, with a view to supporting increased ratification, effective implementation and enforcement of the BWM Convention, as well as implementation of the related Guidelines. An increased network of trained experts in ballast water management and control.	Angola, Comoros, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, Somalia, South Africa, United Republic of Tanzania	47			Marine environment protection	Yes
Provision of IMO publications to selected maritime training Institutes	Completed	December	London, United Kingdom	IMO publications provided to Ethiopia.					General maritime sector	Yes
International E-Learning Search and Rescue Platform (ELSAR)	Completed	December	London, United Kingdom	This activity was implemented by IMRF in collaboration with IMO. An international E-learning platform that allows learners to undertake self-paced learning, increasing SAR knowledge was developed.					Maritime safety	No
Regional meeting for Heads of Maritime Administrations on the Memorandum of Understanding on Port state Control for West and Central African Region (Abuja MoU)	Completed	May	Lagos, Nigeria	Enhanced understanding of IMO conventions as they relate to PSC and how they need to be implemented and enforced in national legislation.	Angola, Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Namibia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, South Africa, Togo			47	Maritime safety	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Africa - continued										
National seminar on Stowaways: Analysis of the current situation and measures to reduce the number of incidents	Completed	June	Cape Town, South Africa	Analysis and summary of the scale of the problem, taking on board all stakeholders' perspectives; a benchmark against which future progress in the prevention of stowaways cases can be measured; identification of specific capacity-building needs; and gaining information that may lead to the development of improved IMO guidance on the prevention of stowaways.	South Africa	42			Facilitation	Yes
Regional training course on SAR Administration and Management (IAMSAR Vol. I)	Completed	May	Virtual	Activity implemented by IMRF in collaboration with IMO. Trainees' competency and confidence on SAR matters has been increased.	Cabo Verde, Gambia, Ghana, Guinea-Bissau, Kenya, Liberia, Mozambique, Nigeria, Sao Tome and Principe, Sierra Leone, Somalia, Uganda, United Republic of Tanzania	13			Maritime safety	Yes
On Scene Coordinators course (IAMSAR Vol.III) including SAR Basics	Completed	June	Virtual	Activity implemented by IMRF in collaboration with IMO. Trainees' competency and confidence to apply "best practice" when tasked as OSC responsibilities has been increased.	Cabo Verde, Gambia, Ghana, Guinea-Bissau, Kenya, Liberia, Mozambique, Nigeria, Sierra Leone, Somalia, Uganda	14			Maritime safety	Yes
Regional SAR meeting for North West and West Africa regions	Completed	November	Virtual	This activity was implemented by IMRF in collaboration with IMO. The participants shared their experience, benefitted from enhanced cooperation and developed communication.	Cabo Verde, Côte d'Ivoire, Gambia, Ghana, Guinea-Bissau, Liberia, Mauritania, Morocco, Senegal, Sierra Leone				Maritime safety	Yes
Regional SAR meeting for East Africa region	Completed	December	Virtual	This activity was implemented by IMRF in collaboration with IMO. The participants shared their experience, benefitted from enhanced cooperation and developed communication.	Kenya, Seychelles, Somalia, Uganda, United Republic of Tanzania				Maritime safety	Yes
National training course on Train-the-Trainer including assessment, examination of seafarers under the STCW 1978 Convention as amended	Completed	September	Victoria, Seychelles	This interactive national training course enhanced the knowledge and skills of assessors of seafarers' competence in Maritime Education and Training institutions and the Maritime Administration of the Seychelles utilizing IMO Model course 3.12 on Assessment, Examination and Certification of Seafarers with a view to improving the national regime for the assessment and certification of seafarers to ensure compliance with, and effective implementation of, the provisions of the STCW Convention, 1978, as amended.	Seychelles	21			Maritime safety	Yes
Needs Assessment to Malawi	Completed	July	Lilongwe, Malawi	Malawi got a better understanding of IMO's work and will now be in a position to take advantage of the ITCP to enhance its maritime potentials and development.	Malawi				General maritime sector	Yes
Regional sensitization workshop on IMO mandatory container weight verification requirement	Completed	September	Accra, Ghana	The participants gained a better knowledge of safety of container vessels, including vessel stability and prevent container stacks collapse in port or during voyage.	Cabo Verde, Equatorial Guinea, Gambia, Ghana, Guinea-Bissau, Liberia, Nigeria, Sao Tome and Principe, Sierra Leone	35			Maritime safety	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Africa - continued										
Subregional workshop on general principles of drafting national legislation to implement IMO conventions	Completed	November	Accra, Ghana	Enhanced understanding of IMO conventions and how they need to be implemented and enforced in national legislation.	Cabo Verde, Guinea-Bissau, Sao Tome and Principe	6			Maritime legislation	Yes
Support to Angola to implement the SWIFT project - Engaging a consultant	Ongoing		Luanda, Angola		Angola				N/A	Yes
National training course on Marine Accident and Incident Investigation	Postponed		Accra, Ghana		Ghana				N/A	
Technical Assistance to Malawi in providing and installing some desk-top computers in the college Library (Monkey Bay)	Completed	November	Monkey Bay, Malawi	Provision of some desk-tops computers in the College Library of Monkey Bay	Malawi				General maritime sector	Yes
5th Conference of the Association of African Maritime Administrations (AAMA)	Completed	October	Durban, South Africa	Enhanced capacity to discharge the duties and responsibilities of as maritime administrations and effective compliance with IMO Instruments.	Angola, Benin, Botswana, Burkina Faso, Burundi, Cabo Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe				General maritime sector	Yes
National workshop on drafting legislation to implement IMO instruments	Postponed		Mogadishu, Somalia		Somalia				N/A	
National seminar on Facilitation of the International Maritime Traffic	Completed	July	Cape Town, South Africa	The participants gained a better understanding regarding the importance of the facilitation of international maritime traffic.	South Africa	35	0	0	Facilitation	Yes
Support to Kenya on ratification and enforcement of MARPOL Annexes I-V	Completed	December	Virtual	Knowledge enhanced on the process for ratification, implementation and enforcement of MARPOL Annexes I-V. Draft national legislation developed for effective enforcement of Annexes I-V of the MARPOL Convention.	Kenya				Marine environment protection	Yes
National workshop on contingency planning for oil spill preparedness and response	Completed	April	Sao Tome, Sao Tome and Principe	National oil spill contingency plan developed for Sao Tome and Principe, including a shoreline response.	Sao Tome and Principe	37			Marine environment protection	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Africa - continued										
Support to the development of a Port Community System (PCS) for the Nigerian Ports Authority - Phase 2 - Needs Assessment mission in the two ports located in Lagos	Completed	June	Lagos, Nigeria	Specific needs related to the development of PCS for Nigerian Ports have been identified in the needs assessment mission. Furthermore, some recommendations to address any gaps related to organization, legislation, security and technical and operational aspects for the development and implementation of a PCS in Nigeria have been provided.	Nigeria				Facilitation	Yes
National training course on the carriage and handling of dangerous goods (IMDG and IMSBC Codes)	Completed	June	Anjouan, Comoros	Participants gained a good level of knowledge and understanding of the different concepts and matters related to the IMDG and IMSBC Codes, such as compliance, implementation and enforcement, with a view to endorsing the safe transport of dangerous goods and solid bulk cargoes by sea and the associated operations in port areas.	Comoros	25			Maritime safety	No
IMO support to the GI WACAF regional conference on oil spill preparedness and response	Completed	November	Accra, Ghana	The activity allowed significant improvement in the capacities of the 22 GI WACAF Project countries to deal with marine oil spills. This included sharing of good practice and facilitation of subregional cooperative approaches in developing systems to respond to marine oil spills.	Angola, Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Namibia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, South Africa, Togo			43	Marine environment protection	Yes
Regional workshop on implementation of the Ballast Water Management Convention	Completed	October	Abidjan, Côte d'Ivoire	The training allowed an enhanced awareness, acquisition of knowledge and skills of participants on relevant aspects of the BWM Convention, with a view to supporting increased ratification, effective implementation and enforcement of the BWM Convention, as well as implementation of the related Guidelines. It also enabled to increase the network of trained experts in ballast water management and control.	Benin, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mauritania, Senegal, Togo	29			Marine environment protection	Yes
National workshop on implementation and enforcement of MARPOL Annex V and port reception facilities	Completed	November	Toamasina, Madagascar	National capacity built that will enhance the effective implementation and enforcement of MARPOL Annex V and the provision of port reception facilities.	Madagascar	38			Marine environment protection	Yes
Regional workshop on ratification and effective implementation of MARPOL Annex VI and IMO data collection system for fuel consumption	Completed	October	Abidjan, Côte d'Ivoire	The training enabled to reach an enhanced awareness, knowledge and skills of participants on relevant aspects of MARPOL Annex VI, including the IMO data collection system for fuel oil consumption of ships. It initiated the process for countries to ratify, implement and/or enforce MARPOL Annex VI.	Benin, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mauritania, Senegal, Togo	29			Marine environment protection	Yes
Provision of IMO publications to selected maritime training institutes	Completed	December	London, United Kingdom	IMO publications provided to several maritime institutes in the region.					General maritime sector	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Africa - continued										
Regional training course on SAR Admin & Management (IAMSAR Vol I)	Completed	July	Virtual	The competency and confidence for the trainees to apply the best guidance on establishing or developing SAR systems in a methodical and well-planned manner was increased and essential steps were improved. This training allowed the implementation of improved governing and management processes at all levels of the maritime emergency response system. The compliance with the provisions of the relevant IMO conventions was improved. Management awareness about best practices on good governance and management increased.	Benin, Cabo Verde, Cameroon, Comoros, Congo, Côte d'Ivoire, Gabon, Guinea, Madagascar, Mauritania, Morocco, Senegal, Togo	12			Maritime safety	Yes
On Scene Coordinators course (IAMSAR Vol.III) including SAR Basics	Completed	October	Virtual	This training increased competency and confidence for the trainees to apply "best practice" when tasked as OSC responsibilities. It also highlighted difficulties not only in the MRCC, but also in structures for cooperation between different authorities, and helped acquiring the knowledge necessary to reduce delays during SAR-operations through reinforcing the need for contracts and agreements with assisting organizations and units. This course also allowed a deeper understanding of expected measures in SAR-case, as well as analyzing the "gap" between the plan and the execution and providing areas of improvement to be targeted.	Benin, Cabo Verde, Cameroon, Comoros, Congo, Côte d'Ivoire, Gabon, Guinea, Madagascar, Mauritania, Morocco, Senegal, Togo	14			Maritime safety	Yes
National SAR training	Completed	June	Virtual	The training allowed participants to understand the SAR system, the SAR tasks and to acquire basic SAR knowledge. The national cooperation has been promoted and the roles of each actor clarified.	Cameroon	12			Maritime safety	Yes
National SAR Committee training	Completed	October	Virtual	The activity promoted and enhanced effective implementation of the Casualty Investigation Code through the conduct of marine accident and incident investigations.	Gabon	15			Maritime safety	Yes
National training on the Casualty Investigation Code	Completed	October	Conakry, Guinea	The activity allowed to promote and enhance effective implementation through the development of institutional capacities and human resources in the field of casualty investigation.	Guinea	24			Maritime safety	No
National workshop on Facilitation of International Maritime Traffic	Completed	October	Kinshasa, Democratic Republic of the Congo	The workshop improved knowledge and understanding of the importance of facilitation of international maritime traffic and encouraged the ratification of the FAL Convention.	Democratic Republic of the Congo	56			Facilitation	No
Regional training on Search and Rescue Management and Administration	Completed	December	Casablanca, Morocco	The competency and confidence for the trainees to apply the best guidance on establishing or developing SAR systems in a methodical and well-planned manner was increased and essential steps were improved, as well as the compliance with the provisions of the relevant IMO conventions. The activity enhanced governance and management processes at all levels of the maritime emergency response system.	Benin, Cameroon, Côte d'Ivoire, Gabon, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Morocco, Senegal, Sierra Leone, Togo	15			Maritime safety	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Arab States and Mediterranean										
Regional training course on Train the Simulator Trainer (IMO Model Course 6.10)	Cancelled		Aqaba, Jordan		Algeria, Bahrain, Cyprus, Djibouti, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Malta, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, Tunisia, Türkiye, United Arab Emirates, Yemen				N/A	
Advisory missions and national seminar on the ratification and effective implementation of the STCW Convention, 1978, as amended	Cancelled		Port Sudan, Sudan		Sudan				N/A	
Regional train-the-trainer workshop on marine casualty investigations	Cancelled		Jeddah, Saudi Arabia		Algeria, Bahrain, Cyprus, Djibouti, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Malta, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, Tunisia, Türkiye, United Arab Emirates, Yemen				N/A	
National training course on marine casualty investigations and reporting	Cancelled		Port Sudan, Sudan		Sudan				N/A	
Regional awareness training course on the carriage and safe handling of dangerous goods and solid bulk cargoes (IMDG and IMSBC Codes)	Cancelled		Aqabah, Jordan		Algeria, Bahrain, Cyprus, Djibouti, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Malta, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, Tunisia, Türkiye, United Arab Emirates, Yemen				N/A	
National activities on drafting legislation to implement IMO conventions after discussion with the countries on a priority list of conventions	Cancelled		Djibouti		Djibouti				N/A	
Support to the harmonization of procedures in the Mediterranean pursuant to the Ballast Water Management Convention	Completed	December	Home-based, Malta	Harmonized procedures and recommendations for exemptions under Regulation A-4 of the BWM Convention developed for the Mediterranean region, including regional protocols for port surveys and risk assessments.	Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Lebanon, Libya, Malta, Monaco, Montenegro, Morocco, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye				Marine environment protection	Yes
Workshop on the OPRC national system improvement programme and implementation plan	Completed	November	Cairo, Egypt	Personnel trained in pollution response. The use of ARPEL's RETOS tool has resulted in a gap analysis to assess the level of Egypt's preparedness and response.	Egypt	25			Marine environment protection	Yes
Workshop on the OPRC national system improvement programme and implementation plan	Cancelled		Beirut, Lebanon		Lebanon				N/A	
Workshop on the OPRC national system improvement programme and implementation plan	Completed	October	Tekirdag, Türkiye	Personnel trained in pollution response. The use of ARPEL's RETOS tool has resulted in a gap analysis to assess the level of Türkiye's preparedness and response.	Türkiye	20			Marine environment protection	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Arab States and Mediterranean - continued										
Regional workshop on MARPOL Annex VI	Cancelled		Hurghada, Egypt		Djibouti, Egypt, Jordan, Saudi Arabia, Somalia, Sudan, Yemen				N/A	
Development of an overall National Maritime Strategy for Tunisia	Completed	June	Tunis, Tunisia	An overall national maritime strategy for Tunisia was developed in compliance with all relevant provisions of the applicable IMO instruments and the III Code. The strategy included a methodology to monitor and assess effective implementation and enforcement of relevant international mandatory instruments. Furthermore, a system was designed to continuously review the strategy that achieves, maintains and improves the overall organizational performance and capability as flag, port and coastal State.	Tunisia				General maritime sector	Yes
IMO support to FSO SAFER - salvage operation	Completed	November	Home-based, United Kingdom	Advice prepared on owning and operating a very large crude carrier (VLCC) for use as an FSO, including a summary of legal risks and potential liabilities.	Yemen				Marine environment protection	Yes
Regional workshop on awareness and importance of the independent evaluation in relation to the STCW Convention 1978, as amended	Completed	December	Jeddah, Saudi Arabia	Participants' knowledge increased on the importance of the independent evaluation report, and how to comply with the required criteria to submit their independent evaluation reports according to the STCW Convention, as amended.	Egypt, Jordan, Morocco, Oman, Qatar, Saudi Arabia, Tunisia, Yemen	23			Maritime safety	Yes
Development of an overall National Maritime Strategy for Sudan	Postponed		Khartoum, Port Sudan, Sudan		Sudan				N/A	
Development of an overall National Maritime Strategy for Iraq	Postponed		Baghdad and Basra, Iraq		Iraq				N/A	
Subregional workshop on compensation for oil pollution damage	Completed	October	Tunis, Tunisia	Participants trained on liability and compensation for oil pollution damage in the context of preparing national systems to respond to marine pollution incidents involving oil and/or hazardous and noxious substances.	Algeria, Morocco, Tunisia	35			Marine environment protection	Yes
Regional workshop on biofouling management and invasive aquatic species	Completed	March	Hurghada, Egypt	A regional task force was formed, a Chair (Jordan, Lead Partnering Country in the region) was elected and a draft regional strategy was discussed and is currently under development.	Djibouti, Egypt, Jordan, Saudi Arabia, Sudan, Yemen	14			Marine environment protection	Yes
Support to the FSO-SAFER specific national oil spill contingency plan	Completed	March	Aden and Sanaa (Multiple), Yemen	National oil spill contingency planning specific to FSO SAFER to enhance preparedness and improve capacity in Yemen to mount an effective response in the event of an oil spill from FSO SAFER.	Yemen				Marine environment protection	Yes

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Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Asia										
Workshop on reviewing and enhancing the STCW Quality Standards System in the Philippines	Cancelled		Virtual		Philippines				N/A	
Workshop on STCW Convention monitoring, evaluation and control requirements in the Philippines	Cancelled		Virtual		Philippines				N/A	
National workshop on the International Convention for Oil Pollution Preparedness, Response and Cooperation (OPRC 90 Convention)	Cancelled		Virtual		Democratic People's Republic of Korea				N/A	
Workshop on the OPRC Convention (GI-SEA)	Completed	May	Virtual	Enhanced understanding of the benefits of effectively implementing the OPRC Convention amongst stakeholders with responsibilities in spill preparedness and response. Increased knowledge relating to oil spill response and preparedness procedures and techniques.	Timor-Leste	28			Marine environment protection	Yes
National workshop on the London Protocol	Cancelled		India		India				N/A	
National seminar on the ratification and implementation of the Hong Kong Convention	Cancelled		Pakistan		Pakistan				N/A	
National workshop on Particularly Sensitive Sea Areas (PSSAs)	Cancelled		Sri Lanka		Sri Lanka				N/A	
National workshop on ratification and effective implementation of MARPOL Annex VI	Cancelled		Maldives		Maldives				N/A	
National symposium on energy transition in shipping	Completed	October	Bali, Indonesia	Awareness raised on the need to decarbonize shipping and the fuels and technologies that can be deployed.	Indonesia				Marine environment protection	Yes
National workshop on oil spill contingency planning	Cancelled		Colombo, Sri Lanka		Sri Lanka				N/A	
IMO participation in the 42nd and 43rd sessions of ASEAN Maritime Transport Working Group	Completed	September	Hybrid, Viet Nam	IMO participation in the 42nd and 43rd sessions of ASEAN MTWG in which matters related to IMO's framework of technical cooperation in the ASEAN region were discussed amongst others.					General maritime sector	
Regional meeting for the establishment of a regional strategy on biofouling management and invasive aquatic species	Completed	September	Malé, Maldives	Stakeholders discussed the draft regional strategy on biofouling management and invasive aquatic species which would be re-discussed amongst all SACEP Member States at the next SACEP council meeting.	Bangladesh, Maldives, Sri Lanka			9	Marine environment protection	Yes
National workshop on the London Protocol	Completed	February	Virtual	Participants sensitized in the actions Thailand should take at a national level, to fully implement the London Protocol.	Thailand	59			Marine environment protection	N/A

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Asia - continued										
Workshop on the study on the safety and energy efficiency of domestic passenger ships in the Philippines (Safety component)	Completed	May	Virtual	Data collated in Phase 1 of the FSA-P component related to each identified ship category in the Study was presented to the stakeholders.	Philippines	89			Maritime safety	N/A
Workshop on the study on the safety and energy efficiency of domestic passenger ships in the Philippines (Energy efficiency component)	Completed	May	Virtual	Data collated in Phase 1 of the ENV-P component related to each identified ship category in the Study was presented to the stakeholders.	Philippines	73			Marine environment protection	N/A
Regional workshop on biofouling management and invasive aquatic species	Completed	November	Hybrid, Philippines	Stakeholders discussed the draft regional strategy on biofouling management and invasive aquatic species; PEMSEA to present the Regional Strategy at the 15th EAS Partnership Council in July 2023 and incorporate biofouling activities in the SDS-SEA Implementation Plan 2023-2027; and IMO to present the Regional Strategy at the ASEAN WG on Maritime Transport at the open-ended session meeting (March 2024 tbc).	Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Philippines, Republic of Korea, Singapore, Thailand, Timor-Leste, Viet Nam			49	Marine environment protection	Yes
Provision of publications	Completed	December	London, United Kingdom	Capacity building of the maritime administrations of Timor-Leste through the provision of IMO publications.					General maritime sector	Yes
IMO participation in the Seminar for flag State performance improvement organized by the Tokyo MoU	Completed	December	Da Nang, Viet Nam	IMO participation to deliver a presentation on IMO's work on technical cooperation activities in Asia and Pacific.					Maritime safety	Yes
IMO participation in the 4th ARF workshop on ferry safety	Completed	July	Virtual	IMO participation in the workshop through delivery of a presentation of technical cooperation on domestic ferry safety from a regional and global perspectives.					Maritime safety	N/A
Enhancement of prevention and suppression of the smuggling of wildlife through maritime traffic	Completed	September	Home-based, China	"Guidelines for the prevention and suppression of the smuggling of wildlife maritime traffic" (FAL.5/Circ.50) translated into Chinese.					Facilitation	Yes
Workshop on enhancing safety of navigation by digital means	Completed	November	Virtual	Stakeholders shared promising e-navigation and digitalization initiatives with global relevance being conducted in Asia.	Bangladesh, Brunei Darussalam, Cambodia, China, Indonesia, Malaysia, Pakistan, Philippines, Republic of Korea, Sri Lanka, Timor-Leste	14			Maritime safety	N/A
Regional workshop on oil spill incident response and cost recovery	Completed	November	Singapore, Singapore	Report produced outlining next steps for ratification for each participating country of oil spill-related IMO Conventions (OPRC, CLC, Funds, Supplementary Fund Bunkers. Nairobi Wreck Removal)	Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, Timor-Leste, Viet Nam	18			Marine environment protection	Yes
National seminar on the implementation of illicit wildlife trade (IWT) international maritime traffic	Completed	December	Bangkok, Thailand	Awareness raising on IWT matters on ships engaged in international maritime traffic.	Thailand	49			Facilitation	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Asia - continued										
Foundation course on marine casualty investigation for IMO Member States (abridged programme based on IMO Model Course 3.11)	Postponed		Bangkok, Thailand		Thailand				N/A	
Development of project proposals based on the findings of ongoing work under the Asia regional programme	Postponed		Home-based, United Kingdom						N/A	
Study to address safety and energy efficiency of domestic passenger ships in the Philippines	Ongoing		Hybrid, Philippines		Philippines				N/A	Yes
First meeting of the Regional Task Force on biofouling management in the East Asian Seas region	Completed	April	Virtual	Stakeholders discussed a standard document for a regional strategy on biofouling management and invasive species, as well as the Terms of reference for the regional Task Force on biofouling management. The Task Force was established and a Chair was elected.	Cambodia, China, Democratic People's Republic of Korea, Hong Kong, China, Indonesia, Japan, Philippines, Republic of Korea, Singapore, Thailand, Timor-Leste, Viet Nam	48			Marine environment protection	Yes
Remote legal assistance on the effective implementation of IMO Conventions relating to oil pollution and liability and compensation	Completed	March	Virtual	Gap analysis of existing national legislation in relation to the domestication of international conventions into national laws (related to oil spill preparedness, response, cooperation, liability and compensation).	Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Philippines, Thailand, Viet Nam				Marine environment protection	No
Development of a national assessment and road map for accession to the London Protocol	Completed	December	Home-based, Sri Lanka	Development of a national assessment and road map for accession to the London Protocol.	Sri Lanka				Marine environment protection	Yes
VR-based capacity-building programme on maritime safety	Completed	December	Republic of Korea	Virtual reality technology introduced to IMO's work to assist Member States to improve domestic ferry safety.	Cambodia, Indonesia, Philippines, Viet Nam	14			Maritime safety	N/A
National workshop on managing oil spill incidents	Completed	March	Virtual	Strengthened and enhanced participants' knowledge of the principles of planning for and responding to oil spill incidents which would trigger the mobilization of a national task force.	Philippines	37			Marine environment protection	Yes
Workshop on principles for the design and development of curriculum for the implementation of the STCW Convention, 1978, as amended	Completed	January	Virtual	National regime improved and strengthened for the development of appropriate curricula for outcome-based education and training of seafarers in the Philippines.	Philippines			21	Maritime safety	Yes
Programme for support to maritime developmen, Pacific										
9th Pacific regional search and rescue workshop	Postponed		Cairns, Australia		Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, New Zealand, Niue, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, United States, Vanuatu				N/A	
National workshop on the London Protocol	Cancelled		Palau		Palau				N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime developmen, Pacific - continued										
National workshop supporting implementation of the Ballast Water Management Convention	Postponed		Apia, Samoa		Samoa				N/A	
Provision of publications	Completed	December	London, United Kingdom	Capacity building of the maritime administration of Samoa through the provision of IMO publications.					General maritime sector	Yes
IMO participation in the Pacific Transport Officials' Meeting	Completed	November	Virtual	IMO participation to deliver presentations on IMO's related capacity building work in the Pacific Islands region.					General maritime sector	N/A
Specialized support for STCW independent evaluation	Postponed		Suva, Fiji		Fiji				N/A	
Training for assessment of examiners and certification of seafarers (IMO model course 6.09)	Postponed		Suva, Fiji		Fiji, Tuvalu				N/A	
Implementation of pilot maritime single window (MSW) project in a Small Island Developing State (SIDS) in the Pacific region	Postponed		Suva, Fiji		Fiji				N/A	
Development of project proposals based on the findings of ongoing work under the Pacific Islands regional programme	Postponed		Home-based, United Kingdom						N/A	
Provision of virtual training equipment	Completed	December	Kiribati, Solomon Islands	Virtual training equipment provided for Kiribati and Solomon Islands.					General maritime sector	Yes
Regional workshop on the ratification and effective implementation of conventions relating to oil spill response, liability and compensation (Phase 2)	Completed	February	Virtual	Promoted the ratification and implementation of IMO conventions and protocols pertaining to preparedness, response, liability and compensation in cases of oil spills and pollution incidents through the implementation of Country Action Plans and the Regional Action Plan as provided in the PACPLAN.	Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	60			Marine environment protection	Yes
Technical advisory services on legal drafting	Completed	April	Virtual	Review of Samoa's maritime legislation and maritime administration with the purpose of assisting the Government to strengthen its maritime administration and therefore fulfil its role as flag, port and coastal State and to ensure the compliance and implementation of IMO Conventions to which Samoa is a Party.	Samoa				Maritime legislation	Yes
Capacity building and training for AtoN officers	Completed	December	Virtual	Building capacity of the maritime administration through the training of AtoN managers and technicians.	Solomon Islands	2			Maritime safety	Yes
Development of Regional Recognition Framework for the Pacific Port Vision 2030-2050	Completed	May	Home-based, Australia	A Regional Recognition Framework for the Pacific Port Vision 2030 - 2050 developed.					General maritime sector	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Capacity-building of the Solomon Islands Maritime Safety Administration (SIMSA)										
Support to SIMA's human resource development	Cancelled		Honiara, Solomon Islands		Solomon Islands				N/A	
Training courses for SIMA staff	Completed	December	Honiara, Solomon Islands	Capacity-building of SIMA officials through participation in distance learning courses.	Solomon Islands	8			General maritime sector	No
ICTS training for SIMA officials	Completed	December	Honiara, Solomon Islands	Capacity-building of SIMA officials through participation in distance learning courses.	Solomon Islands	6			General maritime sector	No
Sea safety awareness at border and other hot spot areas	Completed	May	Multiple, Solomon Islands	SAR awareness raised in the community on the risk to lives when travelling out at sea.	Solomon Islands				Maritime safety	No
Support to SIMA's human resource development	Completed	April	Honiara, Solomon Islands	Capacity building of SIMA staff through the position of one Human Resources officer responsible for training.	Solomon Islands				General maritime sector	No
Programme for support to the establishment of the new IMO Regional Presence Office Pacific Islands										
Supporting the transition to and the establishment of the IMO Regional Presence Office in the Pacific Islands	Ongoing		Home-based, Multiple		Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	No
Programme for support to maritime development, Western Asia and Eastern Europe										
National training courses on OPRC level 2 and 3	Cancelled		Moscow, Russian Federation		Russian Federation				N/A	
National workshop on the AFS Convention	Completed	September	Durres, Albania	Progress towards ratification by Albania and effective implementation and enforcement of the AFS Convention worldwide.	Albania	32			Marine environment protection	Yes
Workshop on the OPRC national system improvement programme and implementation plan	Completed	October	Durres, Albania	Personnel trained in pollution response. The use of ARPEL's RETOS tool has resulted in a gap analysis to assess the level of Albania's preparedness and response.	Albania	11			Marine environment protection	Yes
Workshop on the OPRC national system improvement programme and implementation plan	Postponed		Sarajevo, Bosnia and Herzegovina		Bosnia and Herzegovina				N/A	
Workshop on the OPRC national system improvement programme and implementation plan	Completed	October	Bar, Montenegro	Personnel trained in pollution response. The use of ARPEL's RETOS tool has resulted in a gap analysis to assess the level of Montenegro's preparedness and response.	Montenegro	11			Marine environment protection	Yes
Follow up mission to the Needs Assessment and Advisory mission held in 2015	Cancelled		Kyiv, Ukraine		Ukraine				N/A	
Regional meeting for heads of maritime administrations	Cancelled		Tirana, Albania		Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Montenegro, Poland, Republic of Moldova, Romania, Russian Federation, Serbia, Slovenia, Turkmenistan, Ukraine				N/A	
Regional meeting on safety of navigation and impact of the human element	Cancelled		Baku, Azerbaijan		Azerbaijan, Islamic Republic of Iran, Kazakhstan, Russian Federation, Turkmenistan				N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Latin America										
Regional workshop for senior maritime administrators ROGRAM-CA	Completed	May	Santo Domingo, Dominican Republic	Improved understanding of the latest developments in the effective implementation of new global standards adopted by IMO.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela			21	General maritime sector	Yes
Subregional training course on casualty investigation and reporting	Completed	November	Virtual	This activity facilitated the development of institutional capacities and human resources and updated the technical capability of investigators, personnel and administrative officers involved in maritime policy-making in Latin America subregion on casualty-related matters.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	30			Maritime safety	Yes
Needs assessment and workshop to support Honduras in addressing marine plastic litter from ships	Cancelled		Tegucigalpa, Honduras		Honduras				N/A	
Needs assessment, phase 1, on the implementation of measures to facilitate international maritime traffic in Latin American countries, including their readiness to implement electronic data exchange	Completed	October	Home-based, Chile	Level of implementation of measures assessed to facilitate international maritime transport and in particular of digital solutions in the ship/port interface to facilitate clearance processes and port calls in the region of Central America.	Argentina, Bolivia, Cuba, Mexico, Peru, Venezuela				Facilitation	Yes
Needs assessment, phase 2, on the implementation of measures to facilitate international maritime traffic in Latin American countries, including their readiness to implement electronic data exchange	Cancelled		Home-based, Chile		Brazil, Chile, Colombia, Ecuador, Paraguay, Uruguay				N/A	
Regional workshop on port State control	Completed	November	Virtual	Officials of Maritime Authorities in Latin America received both practical and theoretical training on ships inspection to adequately comply with the requirements of port State control (PSC), prescribed by international conventions and in accordance with the relevant procedures adopted by the IMO and the International Labour Organization, ILO, in general, and the Viña del Mar Agreement in particular.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	30			Maritime safety	Yes
National training course for SAR coordinators	Completed	May	Guatemala City, Guatemala	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Guatemala	21			Maritime safety	Yes
National training course for SAR coordinators	Completed	May	La Ceiba, Honduras	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Honduras	18			Maritime safety	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Latin America - continued										
National training course for SAR coordinators	Completed	May	San Jose, Costa Rica	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Costa Rica	18			Maritime safety	Yes
National follow up activity on STCW Convention	Cancelled		San Salvador, El Salvador		El Salvador				N/A	
National follow up activity on STCW Convention	Cancelled		Managua, Nicaragua		Nicaragua				N/A	
Training course for the uniform implementation and control of the 0.50% sulphur limit under MARPOL Annex VI	Completed	January	Virtual	Enhanced knowledge to apply the set of provisions relating to the limit on the sulphur content of ships' fuel.	Argentina, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Equatorial Guinea, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	23			Marine environment protection	N/A
Needs assessment mission to support uniform application of MARPOL Annex VI for the reduction of GHG emissions from international shipping	Completed	November	Home-based, Panama	Assessment undertaken and recommendations produced on the real needs of the region to support the uniform application of MARPOL Annex VI for the reduction of GHG emissions from international shipping and, in particular, the Initial IMO Strategy on reduction of GHG emissions from ships and the consistent implementation of the 0.50% sulphur limit.	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama				Marine environment protection	Yes
Production of the OPRC e-learning course in Spanish	Completed	October	Home-based, Sweden	Development and launching of e-learning course on OPRC in Spanish.					Marine environment protection	Yes
Regional workshop on biofouling management and invasive aquatic species	Completed	September	Guayaquil, Ecuador	Stakeholders discussed the draft regional strategy on biofouling management and invasive aquatic species to be approved by all Member States signatories of the Lima Convention.	Argentina, Chile, Colombia, Ecuador, Mexico, Panama, Peru			21	Marine environment protection	Yes
Onboard training programme	Completed	November	Busan, Republic of Korea	Participants provided with capacity-building courses focused on onboard training, thus assisting future maritime officers in meeting the minimum standard of seafaring experience in accordance with the STCW Convention.	Argentina, Costa Rica, Guatemala, Panama	5			Maritime training	No
National training course for SAR coordinators	Completed	October	Managua, Nicaragua	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Nicaragua	19			Maritime safety	Yes
National training course for SAR coordinators	Completed	October	Panama City, Panama	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Panama	27			Maritime safety	Yes
National workshop on FAL Convention	Cancelled		Santo Domingo, Dominican Republic		Dominican Republic				N/A	
Regional Workshop for Senior Maritime Administrators	Completed	November	Guatemala City, Guatemala	Senior Maritime Administrators updated on the work of the different three-year pilot thematic programmes initiated in the region, (namely Search and Rescue, the STCW Convention, the ISM Code and the FAL Convention). The new COCATRAM website was also presented.	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama			16	General maritime sector	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Latin America - continued										
Support to the Regional Task Force Meeting for Central America and the Caribbean, GloLitter Partnerships	Completed	December	San Jose, Costa Rica	Participants in ROCRAM-CA region not part of the GloLitter project (Dominica Republic, El Salvador, Guatemala, Honduras) enhanced their knowledge to address marine plastic pollution. This workshop aimed at enhancing regional collaboration as part of the regional twinning component under the GloLitter Project. GloLitter countries participating in this workshop were Costa Rica, Jamaica, Nicaragua and Panama.	Dominican Republic, Ecuador, El Salvador, Guatemala	7			Marine environment protection	Yes
Development of Port Biological Baseline Surveys (PBBS) on the current non-indigenous species transferred by ships	Completed	November	Multiple	Participants were introduced to two types of analysis to identify and classify species based on their taxonomy. Each country will now replicate the same survey in their national ports, applying the standardised sampling methodology that will allow to establish a baseline of existing species and to monitor future effectiveness of biofouling management policies.	Chile, Colombia, Ecuador, Panama, Peru	18			Marine environment protection	Yes
Translation of training course material and global guides on biofouling management - Spanish and Portuguese	Completed	November	Multiple	Training course and technical guides translated to Spanish and Portuguese.					Marine environment protection	Yes
Technical backstopping for the development of the e-learning training course on ISM Code	Completed	March	Home-based, Chile	Training material developed for the production of an e-learning course on the ISM Code in Spanish.					Maritime safety	Yes
Translation of OPRC e-learning introductory course from English into Spanish	Completed	March	Home-based, Argentina	Translation of e-learning OPRC course materials from English into Spanish.					Marine environment protection	Yes
Development of an e-learning training course on the ISM Code in Spanish	Completed	December	Home-based, Sweden	ISM course in Spanish developed and uploaded in the IMO e-learning platform.					Maritime safety	Yes
Programme for support to maritime development, Caribbean										
Regional Meeting of Directors/Heads of Maritime Administrations	Completed	July	Paramaribo, Suriname	Maritime sector topics were included in national and regional development plans and policies. Endorsement for the Carib-SMART Preparatory Phase Project and activities was received. Participants were updated on the work of IMO, RAC/REMPEITC-Caribe, the Maritime Technology Cooperation Centre (MTCC) Caribbean, UNEP Caribbean Regional Coordination Unit, Caribbean MoU, WIMAC, regional training institutions and latest developments by Member States. Needs and requirements for technical assistance in the region were identified.	Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, British Virgin Islands, Cayman Islands, Curaçao, Dominica, Dutch Antilles, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Montserrat, Obsolete Saint Barthelemy, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Saint-Martin, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, United States Virgin Islands			47	General maritime sector	Yes
National workshop on drafting national legislation	Cancelled		St Johns, Antigua and Barbuda		Antigua and Barbuda				N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Caribbean - continued										
Regional consultancy on International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW)	Cancelled		Home-based		Antigua and Barbuda, Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago				N/A	
Identification of strategic directions to improve Marine Accident investigation of the selected countries in the Caribbean region based on identified strengths and weaknesses	Completed	October	Home-based, Uruguay	Strategic directions to improve marine accident investigation were identified in Barbados, Dominica, Grenada, Guyana, Saint Lucia, Suriname and Trinidad and Tobago based on identified strengths and weaknesses. The activity took place from June to October 2022 as a pilot programme intended to form part of a comprehensive and global programme of action to improve the rate of investigation and reporting into marine casualties and incidents. Taking into consideration the work already carried out through IMSAS resulting in the identification of major areas with difficulties in the implementation of IMO instruments under the Scheme, the activity aimed to enhance, strengthen and harmonize the efforts of IMO Member States in developing their marine casualty investigation training capabilities, as well as through proposal of potential strategic directions (at country and subregional level) to improve all relevant aspects on the matter, with a view to consolidating enough material for preliminary discussion on the consideration of a possible regional agreement on marine casualty investigation.	Barbados, Dominica, Grenada, Guyana, Saint Lucia, Suriname, Trinidad and Tobago				Maritime safety	Yes
Regional workshop on MARPOL Annexes III-V, including port reception facilities	Postponed		Montego Bay, Jamaica		Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Curaçao, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Saint-Martin, Suriname, Trinidad and Tobago				N/A	
Regional workshop supporting implementation of the Ballast Water Management Convention in the Wider Caribbean Region	Completed	October	Cartagena, Colombia	Participants exchanged best practices and discussed lessons learned on implementation and enforcement of the BWM Convention, as well as further actions to be taken within the region, with a view to enhanced ballast water management in the region through regional collaboration and harmonization as well as enhanced ratification, implementation and enforcement.	Antigua and Barbuda, Belize, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago	44		5	Marine environment protection	Yes
Subregional workshop on the London Protocol	Completed	March	Virtual	Participants' awareness and understanding of the LP increased. Opportunities for future cooperation identified. Increased reporting rates for those countries already Party to the LC or LP.	Bahamas, Belize, Bermuda, Dominica, Grenada, Guyana, Jamaica, Bonaire, Saba and Sint Eustatius (the Netherlands), Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands	58			Marine environment protection	N/A

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Caribbean - continued										
Review and updating of the Caribbean SCV Code Boatmaster and Boat Engineer Model Courses	Ongoing		Home-based, United Kingdom						N/A	Yes
Finalization of the template for National Oil Spill Contingency plan	Completed	March	Willemstad, Curaçao	National Oil Spill Contingency plan template developed to ensure consistency in oil spill preparedness and response matters in the Wider Caribbean Region.	Antigua and Barbuda, Belize, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago				Marine environment protection	Yes
Provision of publications to Suriname	Completed	December	Paramaribo, Suriname	IMO publications were sent to Suriname as per Suriname Maritime Request on 6 December 2022.					General maritime sector	Yes
Global Programmes										
Technical advisory services programme										
Technical advisory mission, MARE DORICUM	Completed	February	Lima, Peru	Support provided to Peru in responding to the spill from the MARE DORICUM, enhancing level of preparedness and improving capacity within Peru to mount an effective response, in alignment with the country's national oil spill contingency plan.	Peru				Marine environment protection	Yes
Ongoing development of an FSO SAFER-specific contingency planning support document	Completed	March	Home-based, United Kingdom	Enhanced capacity to support the mitigation of risk of an oil spill from the FSO SAFER through development of the FSO SAFER-Specific Contingency Plan; including translation of the contingency planning support document from English to Arabic.	Yemen				Marine environment protection	Yes
Support to Small Developing Islands and Least Developed Countries for their shipping needs										
Programme plan and thematic analysis to profile the specific needs of SIDS and LDCs, including partnership plans to address findings and a holistic IMO Programme of related activities and programmes	Ongoing		Home-based, Multiple						N/A	Yes
Assistance for the Cook Islands to chair in-person the 22nd Session of Asia-Pacific Heads of Maritime Safety Agencies (APHoMSA) Forum: Capacity-building for SIDS and LDCs	Completed	July	Virtual	Discussions focused on the enhancement of capacity-building within the Asia Pacific region, particularly in the areas of women in maritime, regional cooperation, protecting the marine environment, safety at sea (including seafarer welfare) and maritime incident response.					General maritime sector	Yes
Review of the Pacific Regional Framework for Action on Transport Services (FATS)	Ongoing		Suva, Fiji						N/A	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Support to Small Developing Islands and Least Developed Countries for their shipping needs - continued										
National workshop on oil spill contingency planning	Completed	August	Roseau, Dominica	Personnel trained in pollution response. A Risk Register and Risk Matrix for oil spill scenarios for Dominica developed.	Dominica	22			Marine environment protection	Yes
National workshop on oil spill contingency planning	Completed	August	Santo Domingo, Dominican Republic	Personnel trained in pollution response. The use of ARPEL's RETOS tool has resulted in a gap analysis to assess the level of the Dominican Republic's preparedness and response.	Dominican Republic	28			Marine environment protection	Yes
Women in Maritime Programme										
Activities to promote IMO's Women in Maritime programme	Completed	December	Multiple	Support for events related to the International Day for Women in Maritime (18 May) (resolution A.1170(32) refers).					General maritime sector	Yes
19th Training course on Women in Port Management held at IPER	Completed	November	Hybrid, France	28 women from developing countries trained in port management and protection of the port marine environment.	Belize, Brazil, Cabo Verde, Cambodia, Cameroon, Dominica, Egypt, Honduras, Indonesia, Islamic Republic of Iran, Jordan, Maldives, Mauritius, Philippines, Saint Lucia, Somalia, Sri Lanka, Viet Nam		28		Maritime safety	Yes
Provision of fellowships for GIMI virtual and onsite Port Senior Management Programme	Completed	August	Hybrid, Israel	18 women from developing countries trained in Port Management and Operations at Galilee International Management Institute.	Angola, Argentina, Ethiopia, Fiji, Gambia, Ghana, Kenya, Seychelles, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Republic of Tanzania, Uruguay		18		Maritime training	Yes
Development of IMO gender-related training modules	Cancelled		TBC						N/A	
IMO support to Maritime SheEO virtual leadership accelerator Programme	Completed	November	Virtual	40 women from the IMO WIMAs and 20 women from WISTA International trained in leadership, growth mindset, strategic thinking, and personal branding.	Angola, Argentina, Belize, Brazil, Cameroon, Chile, Colombia, Comoros, Côte d'Ivoire, Djibouti, Dominica, Dominican Republic, Egypt, Gabon, Georgia, Ghana, Greece, Guyana, India, Italy, Jamaica, Jordan, Kenya, Madagascar, Malaysia, Mauritius, Mexico, Nigeria, Oman, Panama, Papua New Guinea, Peru, Romania, Saint Kitts and Nevis, Saudi Arabia, Seychelles, Solomon Islands, South Africa, Sri Lanka, Timor-Leste, Tonga, Trinidad and Tobago, Tunisia, United Kingdom, United Republic of Tanzania	60			General maritime sector	Yes
WOMESA 10th annual conference and workshop to mark the International Day for Women in Maritime	Completed	May	Kisumu, Kenya	Participants sensitized on various opportunities available for women in the maritime Sector.	Angola, Botswana, Comoros, Djibouti, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, Somalia, South Africa, United Republic of Tanzania, Zambia, Zimbabwe			41	General maritime sector	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Women in Maritime Programme - continued										
Joint meeting of the 3rd Regional Conference of the Pacific Women in Maritime and the 9th Pacific Regional Workshop on Maritime Search and Rescue	Postponed		Cairns, Australia		Australia, Cook Islands, Fiji, Kiribati, Nauru, New Zealand, Niue, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
1st WIMOWCA Annual General Meeting (AGM) and Conference on Transitioning to a Decarbonized, Digitalized and Sustainable Shipping	Completed	December	Dakar, Senegal	The AGM/seminar enhanced national and regional recognition of the role of women as key resources for the transition to a decarbonized, digitalized and sustainable shipping sector in West and Central Africa.	Angola, Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Sao Tome and Principe, Senegal, Sierra Leone, Togo			33	General maritime sector	Yes
Creation of Maritime Speakers Bureau	Completed	December	London, United Kingdom	Creation of Maritime Speakers Bureau website: https://maritimespeakers.com					General maritime sector	No
Women in Maritime Association, Caribbean (WIMAC)'s Strategic Plan Workshop	Postponed		Port of Spain, Trinidad and Tobago		Barbados, Dominica, Jamaica, Saint Kitts and Nevis, Suriname, Trinidad and Tobago				N/A	
Distance training course on the implementation of the Cape Town Agreement	Completed	November	Virtual	17 women from Spanish-speaking developing countries trained in the implementation of the Cape Town Agreement.	Argentina, Bolivia, Colombia, Cuba, El Salvador, Mexico, Panama, Peru, Venezuela	17			Maritime safety	N/A
18th training course on Women in Port Management held at IPER	Completed	June	Hybrid, France	Participants (female managers) were trained in port management and protection of the port marine environment.	Algeria, Burkina Faso, Cameroon, Côte d'Ivoire, DR Congo, Gabon, Lebanon, Madagascar, Senegal, Togo, Tunisia		26		General maritime sector	Yes
Capacity-building support to the Pacific Women in Maritime Association (PacWIMA)	Completed	June	Virtual	National and regional recognition of the role of women was enhanced in the Pacific region, cooperation network among women was strengthened in the national chapters and at the regional level through PacWIMA, which was done to support Pacific SIDS to facilitate implementation of the Regional Strategy for Pacific Women in Maritime 2020-2024.	Cook Islands, Fiji, Kiribati, Micronesia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				General maritime sector	N/A
IMO-WISTA study on the number of women employed in the maritime sector	Completed	February	London, United Kingdom	Established an evidentiary foundation that sets baselines, identifies gaps and informs policies aimed at removing barriers and increasing female participation in the sector. The figures produced from this study informed on the number of women working in the maritime sector, a key practical outcome resulting from the 2019 WMD theme. Based on such updated statistics and maritime gender analysis, IMO brought together the various stakeholders, including governments, shipowners, maritime training institutes and social partners to develop improved strategies for meeting the UN 2030 Agenda for Sustainable Development.					General maritime sector	N/A

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Capacity-building and Training Programme										
Fellowships to the World Maritime University (WMU)	Ongoing		Malmö, Sweden						N/A	Yes
Delivery of lectures, seminars and workshops at the World Maritime University (WMU)	Completed	December	Hybrid, Sweden	IMO staff delivered lectures at WMU, or virtual lectures for WMU students or participated in seminars.					General maritime sector	Yes
Fellowships to the IMO Maritime Law Institute (IMLI)	Ongoing		Valletta, Malta						N/A	Yes
Delivery of lectures, seminars and workshops at the IMO International Maritime Law Institute (IMLI)	Completed	December	Hybrid, Malta	IMO staff and WMU professors delivered lectures at IMLI, or virtual lectures for IMLI students, or participated in virtual seminars.					General maritime sector	Yes
Support to the governance of WMU and IMLI including procurement of consultancy services	Completed	December	London, United Kingdom	Support provided to the governance of both institutions.					General maritime sector	Yes
IMSSEA FSI course (fellowships)	Completed	September	Virtual	Maritime administrators trained through a short upgrading online course.	Comoros, Cook Islands, Kenya, Mozambique, Philippines, Seychelles, Solomon Islands, South Africa, Suriname, United Republic of Tanzania		18		Maritime training	Yes
IMSSEA PSC course (fellowships)	Completed	October	Virtual	Maritime administrators trained through a short upgrading online course.	Comoros, Côte d'Ivoire, Egypt, Islamic Republic of Iran, Mozambique, Philippines, Seychelles, Sierra Leone, Sudan, Uganda, United Republic of Tanzania		16		Maritime training	Yes
IMSSEA ISPS Code course (fellowships)	Completed	November	Virtual	Maritime administrators trained through a short upgrading online course.	Egypt, Gambia, Georgia, Islamic Republic of Iran, United Republic of Tanzania		8		Maritime training	Yes
IMSSEA MAIP course (fellowships)	Completed	December	Virtual	Maritime administrations trained through a short upgrading online course.	Cameroon, Comoros, Namibia, Philippines, Samoa, Uganda, United Republic of Tanzania		8		Maritime training	Yes
IPER 36th course on port operations and management (fellowships)	Completed	October	Le Havre, France	Reinforced skills set for officials involved with port operations and management.	Algeria, Brazil, Burkina Faso, Cabo Verde, Cameroon, Chile, Côte d'Ivoire, Djibouti, Dominican Republic, El Salvador, Ghana, Jamaica, Madagascar, Malaysia, Mauritania, Mauritius, Philippines, Senegal, Tunisia, United Republic of Tanzania		20		Maritime training	Yes
Support costs of JPOs recruited under the gratis modality	Completed	December	London, United Kingdom	Support costs for one Junior Professional Officer (JPO) funded.	China				General maritime sector	Yes
Workshop on the general principles of drafting national legislation to implement IMO conventions	Cancelled		London, United Kingdom						N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Capacity-building and Training Programme - continued										
Workshop on national maritime transport policy	Completed	March	Virtual	Officials from Cameroon trained in the formulation of NMTPs with a view to engaging countries in the development of NMTPs as a means to support sustainable maritime development and ensure effective implementation of their international obligations and responsibilities as flag, port and coastal States.	Cameroon			68	General maritime sector	Yes
Workshop on national maritime transport policy	Completed	July	Brasilia, Brazil	Officials from Brazil trained in the formulation of an NMTP to support the ongoing process of the development of a new National Maritime Policy reflecting and integrating all the policies related to the use of the sea led by an Inter-Ministerial Committee.	Brazil			23	General maritime sector	No
Development of an e-learning course on the Ballast Water Management Convention	Ongoing		Malmö, Sweden						N/A	No
Visual support and guidance tool for users of the IMO Global Integrated Shipping Information System (GISIS)	Ongoing		Home-based, Türkiye						N/A	N/A
Workshop on national maritime transport policy	Completed	November	Paramaribo, Suriname	Officials from Suriname trained in the formulation of an NMTP to support the initiation process of the development and adoption of a holistic NMTP and related Strategies led by the Suriname National Maritime Association (SNMA).	Suriname			28	General maritime sector	No
Course material development for the "Introductory e-learning course to counter wildlife trafficking in the maritime supply chains"	Ongoing		Home-based, United States						N/A	Yes
Course material development for the "Introductory e-learning course on implementation of Maritime Single Window"	Ongoing		Home-based, Norway						N/A	Yes
Translation of the OPRC e-learning introductory course from English into French	Ongoing		London, United Kingdom						N/A	N/A
Fellowships to the World Maritime University	Completed	September	Malmö, Sweden	IMO fellows graduated with MSc in maritime affairs (academic year 2021-2022)	Azerbaijan, Bangladesh, Belize, Egypt, Ethiopia, India, Indonesia, Jordan, Kenya, Nigeria, Sri Lanka, Türkiye, Uganda, United Republic of Tanzania, Viet Nam		15		Maritime training	Yes
Fellowships to the IMO International Maritime Law Institute (IMLI)	Completed	July	Msida, Malta	IMO fellows graduated with Master of Laws or Master of Humanities and trained to draft national maritime legislation and incorporate IMO instruments into their national legal frameworks (academic year 2021-2022)	Bahamas, Belarus, Congo, El Salvador, Georgia, Jordan, Kenya, Liberia, Montenegro, Namibia, Nigeria, Philippines, Seychelles, Somalia, South Africa, Trinidad and Tobago, Tunisia		17		Maritime training	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Capacity-building and Training Programme - continued										
IPER 35th course on port operations and management (fellowships)	Completed	May	Hybrid, France	Reinforced set of skills for officials involved with port operations and management. Hybrid course (Online from 11-22 October 2021; 15-26 November 2021; 6-17 December 2021; and in person from 4-13 May 2022)	Algeria, Barbados, Burkina Faso, Cameroon, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Dominica, Ghana, Guinea, Madagascar, Mauritius, Mexico, Mongolia, Philippines, Saint Lucia, Senegal, Somalia, Sri Lanka, Togo		20		Maritime training	Yes
Translations of Maritime Transport Policy training programme	Completed	March	Home-based, United Kingdom	Maritime Transport Policy training programme translated in French and Spanish to facilitate delivery of activities in non-anglophone developing countries.					General maritime sector	Yes
IPER - Fellowships for the 34th advanced course on port operations and management	Completed	May	Hybrid, France	Reinforced skill set for officials involved with port operations and management.	Bangladesh, Barbados, Cabo Verde, Cameroon, Côte d'Ivoire, Democratic Republic of the Congo, Egypt, Gabon, Islamic Republic of Iran, Madagascar, Mauritania, Mauritius, Morocco, Mozambique, Suriname, Togo, Tunisia, United Republic of Tanzania, Zambia		20		Maritime training	Yes
Development of an online training course on biofouling management (IMO e-learning pilot project)	Completed	September	Home-based, Malmö, Copenhagen	E-learning course on ships' biofouling management developed to increase awareness and capacity at national, regional and global levels on invasive aquatic species and biofouling management for the implementation of the IMO Biofouling Guidelines.					Marine environment protection	Yes
Reducing atmospheric emissions from ships and in ports and effective implementation of MARPOL Annex VI and the Initial IMO GHG Strategy Programme										
Development of an e-learning course on ratification and implementation of MARPOL Annex VI	Cancelled								N/A	
Second IMO Symposium on alternative low- and zero-carbon fuels for shipping: "Ensuring a just and inclusive transition towards low-carbon shipping"	Completed	October	London, United Kingdom	The symposium focused on the challenges and opportunities that renewable fuel production represents in the context of shipping decarbonization, particularly for developing countries, and the need for enhanced cooperation at all levels to support this global transition.					Marine environment protection	Yes
Regional roundtable on improving the availability of maritime transport costs data	Postponed		Suva, Fiji		Cook Islands, Fiji, Kiribati, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
Green Shipping Conference - Unlocking Opportunities for Green Shipping in Africa	Postponed		Accra, Ghana		Angola, Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Namibia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, South Africa, Togo				N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Enhancement of Maritime Security Programme										
UN Coordination FSO SAFER	Completed	January	Brussels, Belgium	Maritime Security Advisor support to the UN Resident Coordinator for Yemen	Yemen				Maritime security	Yes
CTED Visit to the Baltic States	Completed	October	Tallin, Estonia	Assess, alongside UNCTED, the compliance of Estonia with various international security instruments namely SOLAS chapter XI/2 and the ISPS Code and SUA Convention.	Estonia				Maritime Security	No
ISPS Workshop for Designated Authorities and PFSO	Completed	July	San Pedro Sula, Honduras	National workshop on ISPS Code for Designated Authority (DA) and Port Facility Security Officers (PFSOs) conducted at the request of the Comisión Nacional de Protección Portuaria (CNPP).	Honduras	27			Maritime security	Yes
Training on ISPS Code Chapter 11.2 of SOLAS	Completed	May	Beirut, Lebanon	Assist Lebanon in identifying specific needs related to the implementation of relevant requirements set out in SOLAS chapter XI-2 and the ISPS Code (policy/ governance/ operational/ physical security level) and the prevailing gaps related to national organization, legislation and physical security and operational aspects aiming at enhancing maritime security on a long-term and sustained basis.	Lebanon	16			Maritime security	No
MARSEC COED maritime security tailored training to Qatar forces	Completed	May	Istanbul, Türkiye	Enhanced security of port facilities, ships, and coastal installations through effective implementation of the ISPS Code.	Qatar				Maritime security	No
ISPS workshop for designated authorities and PFSOs	Completed	July	Hammet, Tunisia	Participants enhanced their ability to effectively perform their duties in accordance with the relevant provisions of IMO's maritime security measures, including SOLAS Chapter XI-2, the ISPS Code, the IMO/ILO Code of Practice on Security in Ports, and related guidance. Oversight roles and responsibilities of the DA responsible for implementing the ISPS Code were also be covered during the workshop.	Tunisia	37			Maritime security	Yes
National Train the Trainers workshop on the implementation of ISPS Code for PFSO/DA	Completed	June	Cape Town, South Africa	Prepare participants to conduct training activities for PFSOs and other port personnel identified in the ISPS Code.	South Africa	21			Maritime security	Yes
ISPS workshop for designated authorities and PFSOs	Completed	July	Cape Town, South Africa	Prepare designated authorities and PFSOs to conduct training activities for PFSOs and other port personnel identified in the ISPS Code.	South Africa	21			Maritime security	Yes
IMO Security need assessment	Completed	December	Bangkok, Thailand	Assist Thailand in identifying specific needs related to the implementation of relevant requirements set out in International Convention for the Safety of Life at Sea (SOLAS) chapter XI-2 and the ISPS Code (policy/ governance/ operational/ physical security level) and the prevailing gaps related to national organization, legislation and physical security and operational aspects aiming at enhancing maritime security on a long-term and sustained basis.	Thailand				Maritime security	No

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Enhancement of Maritime Security Programme - continued										
Workshop on the effective Familiarisation of the IMO Circular MSC.1.1525	Completed	December	Tunis, Tunisia	Assist the Tunisian maritime administration in the process of transposition and implementation of SOLAS Chapter XI-2 and the ISPS Code, in particular through the use of IMO Circular MSC.1.Circ 1525.	Tunisia	16			Maritime security	No
ISPS workshop for DA and PFSO	Cancelled		Lome, Togo		Togo				N/A	
IMO whole of government approach to maritime security	Cancelled		Yaounde, Cameroon		Cameroon				N/A	
Support to counter piracy capacity building and global implementation of measures to suppress piracy	Completed	November	London, United Kingdom	Enhancement of the capacity and capability of Member States to develop, implement, maintain and update measures and arrangements aimed at repressing piracy, armed robbery against ships and other illicit activities that threaten safety and security of navigation.					Maritime security	Yes
Materials and publications in support of maritime security capacity-building	Ongoing		London, United Kingdom	Promotion and visibility of IMO maritime security capacity building work. Dissemination of IMO maritime security measures and Promotion of IMO Guide to Maritime Security and the ISPS Code aiming to enhance the capacity of SOLAS Contracting Governments to implement SOLAS Chapter XI-2 and the ISPS Code. Improvement in the planning and delivery of technical cooperation and capacity-building activities in connection with the enhancement of maritime security.					N/A	Yes
Participation of women in the GIMI online Maritime and Port Security Course	Completed	December	Virtual	29 women trained in Maritime and Port Security at the Galilee International Management Institute	Barbados, Benin, Brazil, Djibouti, Ethiopia, Fiji, Guyana, Jamaica, Kenya, Mauritius, Nigeria, Sierra Leone, Saint Lucia, Suriname, Turks and Caicos Islands		29		Maritime security	No
Joint IMO/OAS Sub-Regional Workshop on the IMO Model on the whole of government approach to Maritime Security	Completed	October	Guatemala City, Guatemala	Enhanced security of port facilities, ships, and coastal installations through effective implementation of the ISPS Code. Improved national maritime security governance.	Costa Rica, Guatemala, Mexico, Panama	27			Maritime security	No
Port Security Regional Workshop - Arabic	Completed	December	Beirut, Lebanon	Enhanced security of port facilities, ships, and coastal installations through effective implementation of the ISPS Code.	Jordan, Lebanon, Libya, Egypt, Tunisia	16			Maritime security	No
Port Facility Security audit workshop for government officials	Completed	March	Manila, Philippines	Participants equipped with the necessary skills and knowledge in the principles and practices of audit in order to plan and conduct effective Assessments of compliance with the relevant provisions contained in SOLAS Chapter XI-2 and the ISPS Code, and taking into account MSC.1/Circ.1192 on "Guidance on Voluntary Self-Assessment by SOLAS Contracting Governments and by Port Facilities"	Philippines	29			Maritime security	Yes
Support to counter piracy capacity building and global implementation of measures to suppress piracy	Cancelled		Multiple						N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
IMO Member State Audit Scheme Programme										
Regional training course for auditors	Completed	November	Dubai, United Arab Emirates	Participants trained in effective implementation of the provisions of the IMO Member State Audit Scheme and provided with updated knowledge on the structure and mechanisms necessary for enhancing the overall capability and effectiveness of a maritime administration in the enforcement of the provisions of the mandatory IMO instruments and the IMO Instruments Implementation Code (III Code).	Bahrain, Egypt, Iraq, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, United Arab Emirates, Yemen	21			Member State Audit	Yes
Regional workshop on IMSAS	Completed	August	Bogota, Colombia	Participants gained useful knowledge of the details of the audit process and were expected to share their knowledge with colleagues in their maritime administrations and to assist them in the preparation and follow-up of IMSAS audits by performing internal audits.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	30			Member State Audit	Yes
Regional training course for auditors	Completed	March	Mumbai, India	Nominees from 15 Member States in Asia and Pacific were trained as auditors, which will eventually lead to an increased pool of IMSAS auditors who are able to conduct IMSAS audits of Member States. In addition, the nominees were trained on how to assist their administrations in preparing for IMSAS audit, carrying out post-audit activities and audit follow-up, and by performing internal audits of their maritime administrations.	Australia, Bangladesh, Brunei Darussalam, Cambodia, China, Democratic People's Republic of Korea, India, Indonesia, Islamic Republic of Iran, Japan, Malaysia, Maldives, Mongolia, Myanmar, New Zealand, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, Timor-Leste, Viet Nam	37			Member State Audit	Yes
Development of online training course for auditors	Ongoing		London, United Kingdom						N/A	Yes
Maritime development Programme										
IMO participation in relevant UN system meetings and other activities on the implementation and alignment of the SDGs and on the Blue Economy	Completed	December	Sharm ElSheikh, Egypt	IMO participated at the COP27 held in Sharm ElSheikh, Egypt.					General maritime sector	Yes
Promotion of the concepts of maritime development and the Sustainable Blue Economy, including enhanced facilitation	Completed	December	London, United Kingdom	World Maritime Day Theme pins produced.					General maritime sector	Yes
Support the implementation of the Capacity-building Decade 2021-2030 Strategy, including quick win process improvements in planning and reporting	Ongoing		London, United Kingdom						N/A	Yes
Assistance to developing countries in the development of robust national maritime strategies predicated on harnessing the full potential of the blue and maritime economies	Cancelled		Multiple						N/A	

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Maritime development Programme - continued										
Improve the quality and reach of technical cooperation delivery	Cancelled		London, United Kingdom						N/A	
Ensure a quality control framework particularly for technical cooperation activities related to non-IMSAS treaties	Cancelled		London, United Kingdom						N/A	
Identification and development of partnership arrangements	Completed	September	London, United Kingdom	Consultancy services to develop a project document on Phase II of the Capacity Building for Climate Mitigation in the Maritime Shipping Industry Project (the GMN Project). Phase II expand its technical support, capacity building programmes and geographic outreach to improve maritime energy efficiency and support implementation of initial IMO GHG strategy in the participating regions. Furthermore, IMO participated at the Global South-South Development (GSSD) Expo held in Bangkok, Thailand, and co-host a Thematic Solution Forum with UNESCAP as well as to attend the Korea Maritime Week in Busan, RoK.	Republic of Korea, Thailand				General maritime sector	Yes
Development of virtual reality materials on biofouling management (home-based assignment)	Completed	November	Home-based, Italy	360 materials (video and photography) developed showcasing different aspects of biofouling. Hardware and promotional materials available for 12 developing countries for awareness raising campaigns on marine biofouling and invasive aquatic species.					Marine environment protection	Yes
Social media campaign to promote the 2022 Day of the Seafarer	Completed	June	London, United Kingdom	Social media campaign and other similar activities carried out to promote the 2022 international Day of the Seafarer under the theme "Seafarers and their Voyages". Focusing on seafarers and the voyage of shipping helps connecting the experience of seafarers with the development of shipping such as technological advancements.					General maritime sector	No
Participation of developing countries in the International Oil Spill Forum (INTERSPILL 2022)	Completed	June	Amsterdam, Kingdom of the Netherlands	Participants' knowledge enhanced on topics related to oil pollution preparedness and response, with a view to improving their respective technical competencies and developing capacity at the national level. Participants undertook short courses on oil spill response and crisis management.	Egypt, Liberia, Montenegro, Senegal, Sri Lanka	5			Marine environment protection	Yes
Support to seafarers on the frontline of COVID-19 and the Black Sea and Sea of Azov crisis	Completed	August	Virtual	SCAT storylines and testimonies, created on the IMO website to demonstrate the important work of SCAT and by so doing provide further response and referral messages and keep administrative records.					Maritime safety	Yes
Specialized Training on the inspection of Tankers - Paris MoU	Completed	June	The Hague, Kingdom of the Netherlands	Trainers of PSCOs from developing PSC regimes have been trained and/or updated on knowledge on relevant instruments, in particular regarding tankers and PSC inspection techniques thereto in accordance with global standards.	Anguilla, Bahrain, Côte d'Ivoire, Seychelles, Türkiye	6			Maritime safety	Yes

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Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Maritime development Programme - continued										
Support to Study Group to address issues arising from fraudulent registries and registration of ships and measures to prevent and combat the practice	Ongoing		Virtual						N/A	Yes
Train-the-trainer workshop for seafarers on ships operating in Polar Waters	Completed	September	Hybrid, Türkiye	Participants were trained online and onsite on how to effectively deliver training programmes for seafarers on ships operating in polar waters in accordance with the Chapter 12 of the Polar Code.	Bangladesh, Brunei Darussalam, Cambodia, China, Croatia, Cyprus, Estonia, Georgia, Greece, Italy, Latvia, Malaysia, Malta, Montenegro, Myanmar, Pakistan, Portugal, Romania, Slovenia, Spain, Sri Lanka, Thailand, Türkiye, Viet Nam	29			Maritime training	No
Workshop on the 2010 HNS Convention	Cancelled		London, United Kingdom						N/A	
Updating the RETOS™ Manual and the International Guide for the Assessment of Oil Spill Response Planning and Preparedness	Ongoing		Home-based, United Kingdom						N/A	Yes
IMO participation in the World Drowning Prevention Day 2022	Completed	July	Virtual	IMO participated at the global virtual event to celebrate the World Drowning Prevention Day. IMO delivered a presentation on IMO's efforts towards drowning prevention through enhancement of safety of ships and fishing vessels.					Maritime safety	N/A
IMO Seminar to commemorate the 40th anniversary of the adoption of the United Nations Convention on the Law of the Sea (UNCLOS)	Completed	November	London, United Kingdom	Effective implementation of IMO regulatory regime and strengthened working relationship with UNCLOS and the wider United Nations system.					Maritime legislation	Yes
Support the implementation of the technical cooperation aspects of IMO's Strategic Plan 2018-2023, including quick win process improvements in planning and reporting	Completed	December	London, United Kingdom	Enhancements to facilitate and enhance the reporting of technical cooperation activities produced. Temporary expertise to assist in the finalization of the first phase of the TC Space Project (i.e. the automation of the delivery and implementation of TC activities) provided.					General maritime sector	Yes
Identification and development of partnership arrangements	Completed	December	Virtual	Supported the first Caribbean Regional Knowledge Partnership Workshop on maritime technical cooperation activities and other marine environment projects. Furthermore, the activity covered the costs of designing/copywriting of the 2020 Technical Cooperation Annual Report brochure.					General maritime sector	Yes
Conversion of the RETOS™ tool to a web-based application for evaluating oil spill preparedness	Completed	June	Home-based, United Kingdom	Development of an updated multi-lingual user-friendly tool, with a view to making the use of RETOS™ for evaluating oil spill preparedness more user friendly and easily updateable.					Marine environment protection	Yes
Support to seafarers on the frontline of COVID-19	Completed	April	Virtual	Creation of SCAT storylines and testimonies on the IMO website where IMO intervention made a difference. Other action items from SCAT were also implemented, such as bi-lateral meetings with some Member States, contributions to joint statements.					General maritime sector	No
Project on the IMO Compendium on Facilitation and Electronic Business	Completed	December	Home-based, United Kingdom	First phase of the development of the IMO Compendium on Facilitation and Electronic Business completed.					Facilitation	Yes

APPENDIX
Planned ITCP activities for 2022

Activity Title	Status	Month Delivered	Location	Outputs	Participating Countries	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Promotion of the London Protocol Programme										
Identification and removal of barriers to countries achieving compliance with ocean disposal agreements	Completed	December	London, United Kingdom	Publication of the LC/LP Disposal Site Selection Guidance. Raised awareness of the benefits of the London Protocol.					Marine environment protection	No
IMO participation in conferences/seminars/workshops on LP-related matters	Completed	December	Multiple, United Kingdom	Participants at selected conferences, seminars and workshops' awareness and understanding of the LP and its climate change related amendments increased. Opportunities for future cooperation identified.					Marine environment protection	No
Development of the first review of the 2016 Strategic Plan for the LP/LC	Completed	October	Home-based, Australia	Report providing a comprehensive review of the Strategic Plan over the period 2017-2021 developed.					Marine environment protection	No
Support to the commemoration of the London Protocol 50th anniversary	Completed	October	Multiple	Organization of the IMO-WMU joint academic hybrid conference: Protecting the Ocean - Moving forward at 50: London Convention & Stockholm Declaration which was held to discuss ocean and climate-related topics under the framework of the London Convention and Stockholm Declaration's 50th anniversaries, with the objective to achieve new research insights and establish impactful actions. Raised awareness of the achievements and future work of the LC/LP.					Marine environment protection	No
Djibouti Code of Conduct Programme*										
Development of DCoC Members Portal and Capacity-Building Coordination Matrix	Completed	June	Nairobi, Kenya	Further development of the DCoC website to include a members' only portal for sharing sensitive information and e-platform for better coordination of capacity-building coordination effort.	Comoros, Djibouti, Egypt, Eritrea, Ethiopia, Jordan, Kenya, Madagascar, Mauritius, Mozambique, Oman, Reunion, Saudi Arabia, Seychelles, Somalia, South Africa, Sudan, United Arab Emirates, United Republic of Tanzania, Yemen				Maritime security	N/A
West and Central Africa Maritime Security Programme*										
Support to ECOWAS Zone F MMCC and MOCs - RoK Funded	Completed	January	Accra, Ghana	Phase 1 Site survey completed. Improved communication between MMCC and MOCs of Yaounde Code of Conduct Zone F region.	Benin, Burkina Faso, Cabo Verde, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo				Maritime security	No

* Programmes no longer part of the ITCP - activities started in 2021 and completed in 2022

* * *

ANNEX 2

TECHNICAL COOPERATION PLANNING AND REPORTING

Annual Report for 2022
Overview of financial resource delivery of ITCP and thematic long-term projects

TECHNICAL COOPERATION PLANNING AND REPORTING

Annual Report for 2022

Overview of financial resource delivery of ITCP and thematic long-term projects

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Appendix – ITCP Regional and Global programmes, other programmes and thematic long-term projects in 2022 – in US Dollars

DELIVERY OVERVIEW

Introduction

1 The overview of financial resource delivery provides a comprehensive review of the 2022 financial data recorded against the implementation of IMO's technical cooperation (TC) activities. The data is disaggregated by region, discipline and funding source in order to provide baseline comparatives for establishing trends in the delivery of the Integrated Technical Cooperation Programme (ITCP) and the thematic long-term projects. This enables detailed analysis and presentation of the achievements from various perspectives, both for the year under review and over a longer time period.

2 The ITCP structure is comprised of regional and global programmes. The appendix to this annex supplements the information in the financial overview with financial details of the respective programmes delivered during 2022. The results are collated from the respective activities implemented in 2022 and are presented according to the programmatic structure of ITCP. The thematic long-term projects operate outside the ITCP annual structure and are generally multi-year in structure. These are also detailed in the appendix.

3 IMO adheres to International Public Sector Accounting Standards (IPSAS), and thus the baseline comparatives for monitoring expenditure ensure precision and transparency. IPSAS also ensures that the figures represent the technical cooperation expenditure of the actual delivery within the allotted time frame, and the results, including any related adjustments, are reflected in this report for 2022. Furthermore, a time lapse between the completion of delivery and receipt of charges through the United Nations Development Programme (UNDP) service-clearing account means that a certain percentage of funds committed during 2022 will be reflected in the budget and final expenditure of 2023.

4 In accordance with technical cooperation operational procedures, although resources are made available in different currencies depending on the donor source, all budgetary and expenditure figures in this report are expressed in United States dollars.

5 It should be noted that the ITCP delivery results presented in this annex provide complementary information to the financial reports submitted to the Council,¹ and may include variances arising from adjustments made subsequent to the completion of Council documents.

General Technical Cooperation implementation trends

6 During 2022, some \$17.7 million was delivered against a total technical cooperation budget of \$31.2 million, which includes a combination of IMO's TC Fund and donor contributions. This represents a delivery rate of 57%.² Despite the fact that the initial part of the year was still impacted by the COVID-19 pandemic, the expenditure of \$17.7 million is considerably higher than the \$10.5 million expended in 2021, with a delivery rate also higher than the 48% reached in 2021. The large increase in budget is mainly due to the new environmental long-term thematic projects launched in 2022, as well as the fact that additional maritime security long-term thematic projects have been taken into consideration in this report, such as the Port Security and Safety of Navigation in Eastern and Southern Africa and the Indian Ocean and the new Regional Programme for Maritime Security in the Red Sea Area.

¹ C 129/5(b) – Financial report and audited financial statements for the financial period ended 31 December 2022, and the report of the External Auditor.

² This document reports on all IMO expenditure related to technical cooperation, including both the core ITCP and extrabudgetary thematic long-term projects.

It is also worth noting that some of the funds programmed under the above-mentioned budget of \$31.2 million relate to projects that are delivered on a multi-year structure.

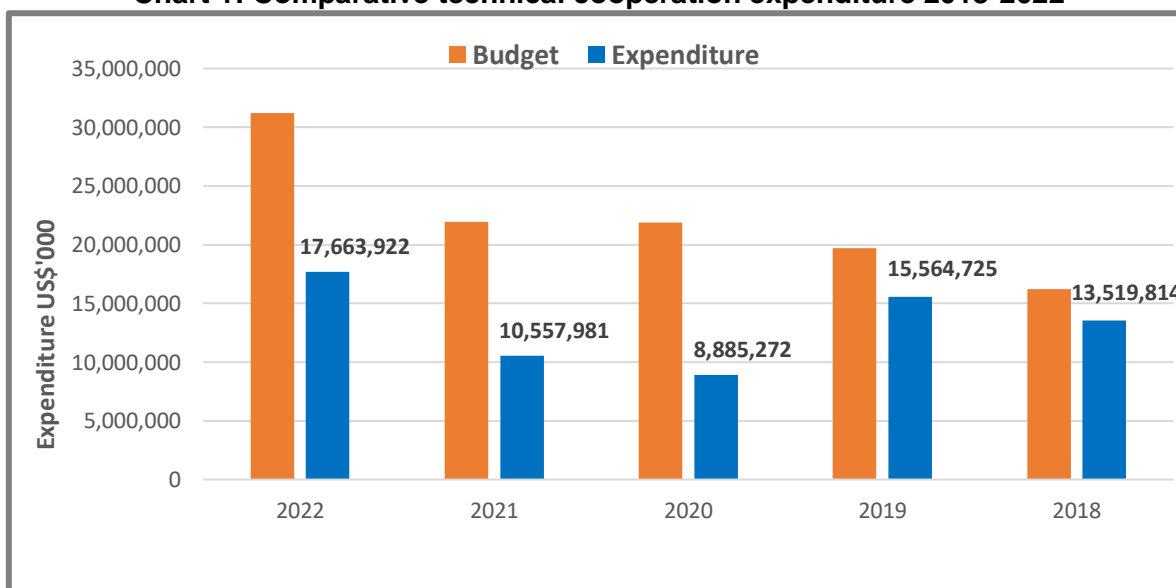
7 It should also be noted that some activities commenced towards the end of the year but were not fully completed as at the end of the year. Therefore, expenditure related to those activities is not recorded in the final expenditure of 2022. This equates to approximately \$1.7 million and will be reflected in the 2023 annual report.

8 Table 1 presents the budget and expenditure figures for 2022, as well as the figures for the previous four years for comparative purposes. The expenditure over the five-year period from 2018 to 2022 is presented visually in chart 1.

Table 1: Technical Cooperation budget and expenditure 2022 in \$ – comparison with previous years

Year	Budget	Expenditure
2022	31,211,269	17,663,922
2021	21,940,615	10,557,981
2020	21,909,725	8,885,272 ³
2019	19,687,217	15,564,725
2018	16,233,798	13,519,814

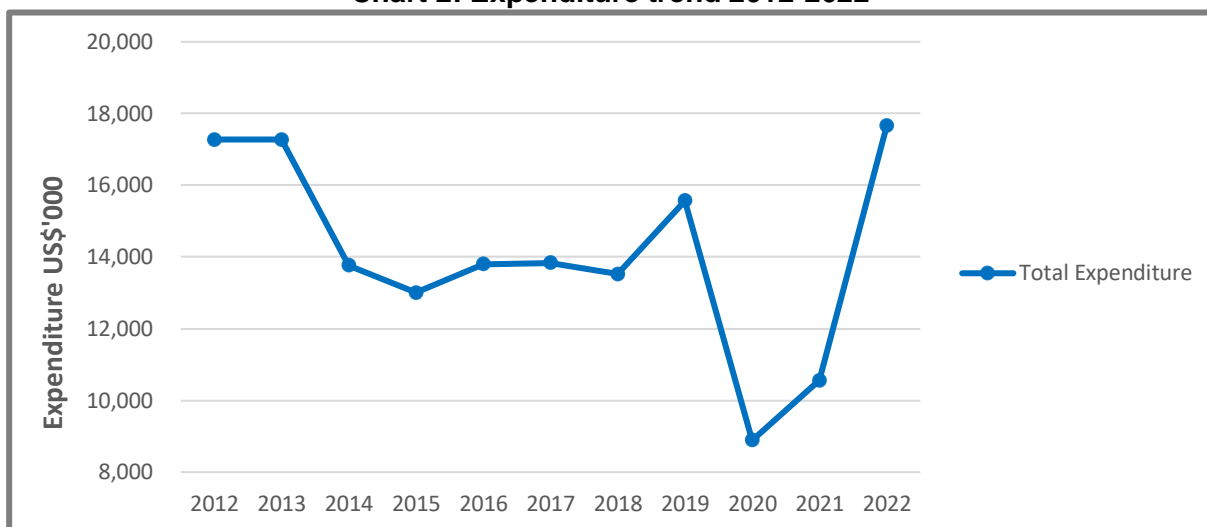
Chart 1: Comparative technical cooperation expenditure 2018-2022



9 Chart 2 tracks the annual volume of expenditure since 2012 over the last 10 years. From expenditure of \$17 million in 2012, through the following five years showing a consistent delivery of between \$13 million and \$15 million, to an all-time high expenditure of \$17.7 million in 2022. The period 2020 to 2021 recorded the lowest expenditure in 10 years of some \$8 million and \$10 million, respectively, due to the COVID-19 pandemic.

³ The expenditure figure for 2020 has been corrected from the \$8,903,924 reported in previous annual reports due to a miscalculation.

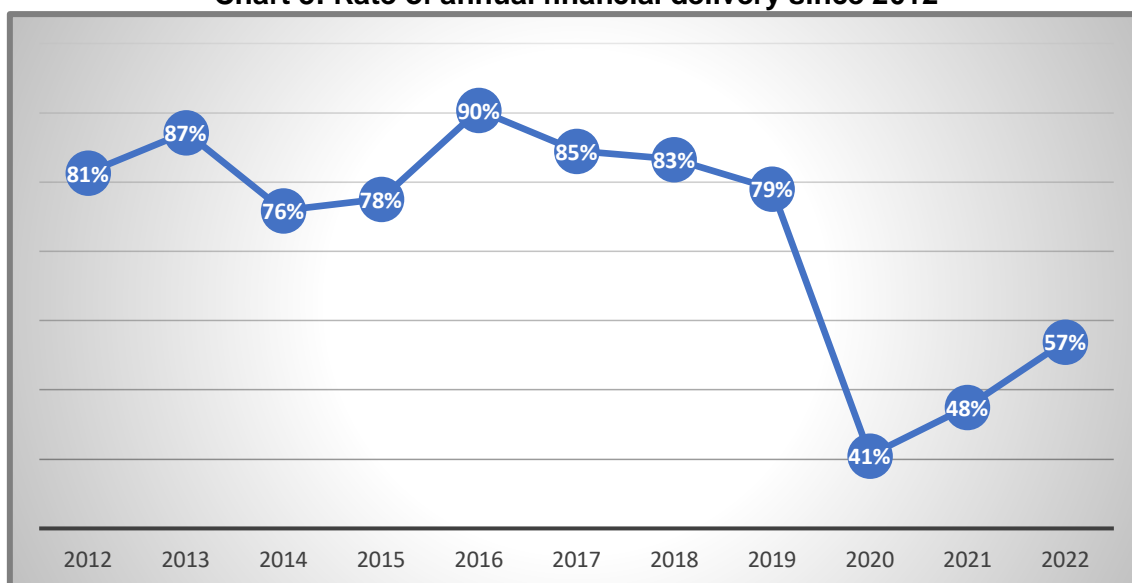
Chart 2: Expenditure trend 2012-2022



10 From another perspective, chart 3 tracks the financial delivery rate over the past decade in percentage terms. The total delivery recorded against funds programmed for 2022 was 57%. This is an increase from the low delivery rates recorded in 2020 and 2021, again due to COVID-19, although not as high as the delivery rates pre-COVID-19, which is due to an increase in programmed resources, particularly thematic long-term projects' resources, in 2022.

11 During 2022, as was done in the recent past, ITCP funds were initially only programmed when host countries had been identified and activities confirmed. Funds were then programmed throughout the year as and when preparations were finalized, thus reducing the number of activities which needed to be postponed or cancelled.

Chart 3: Rate of annual financial delivery since 2012



Note: For the years 2010 to 2015, all allocated funds for the given year were programmed at the start of the year, while from 2016, the funds programmed were less than the funds allocated for the year, based on the programming strategy described in paragraph 11 above.

PROFILE OF RESOURCE DISBURSEMENT

Funding sources

12 Table 2 records the individual funding sources from donor countries and organizations against the overall expenditure in 2022. The figures reflect the amount programmed and the amount expended in 2022, not necessarily the full contribution. For the purposes of reporting, groupings of merged resources or multi-donor funds are categorized as single donors without listing the individual source of contributions. Such funding amalgams categorized in this manner include, inter alia, the TC Fund, the International Maritime Security Trust Fund (IMST Fund), the IMO West and Central Africa Maritime Security Trust Fund and the Djibouti Code of Conduct Trust Fund. Details of the full contributions of donors received during 2022 can be found in document TC 73/4(c) on financial contributions to technical cooperation.

13 Table 2 shows the 27 sources of funding and expenditure for 2022, an increase from the 22 funding sources recorded the previous year. These figures are not intended to provide the cash-flow status of any given trust funds, but instead represent donor expenditure that has been actually invoiced by IMO and registered during 2022.

14 The Technical Cooperation Committee, at its seventy-first session, agreed to a revision of the Rules of Operation of the TC Fund (TC.1/Circ.76). The revision enables the IMO Secretariat to receive donor contributions directly into the TC Fund and programme them from there, rather than account separately for individual contributions. This in turn significantly reduces the administrative burden for the IMO Secretariat in recording, programming, managing and reporting on the funds received by each Member State, and allows for more timely and strategic programming of the funds. In this regard, a new funding source was established at the end of 2022 to record the above-mentioned donor contributions and is reflected on the table below under the name "Technical Cooperation Donor Fund Contribution".

Table 2: Profile of donor⁴ expenditure for 2022

No.	Source of funding	Funds programmed for 2022	Expenditure 2022	Percentage of 2022 budget spent	Donor percentage of total expenditure
1	TC Fund	9,035,001	7,066,750	78%	40%
2	UNODC	2,455,858	2,062,789	84%	12%
3	Norway	9,413,637	2,016,599	21%	11%
4	UNEP (including external sources) ⁵	1,605,967	992,046	62%	6%
5	UNDP-GEF	1,373,930	899,717	65%	5%
6	European Union (represented by the European Commission)	1,056,933	681,249	65%	4%
7	Voyage Together Trust Fund (RoK)	627,987	530,833	85%	3%
8	Norad	647,778	402,458	62%	2%
9	Djibouti Code of Conduct Trust Fund	405,050	400,230	99%	2%

⁴ For the purposes of budgeting and expenditure of the ITCP, the TC Fund is categorized as "donor", as are the other IMO multi-donor trust funds.

⁵ Includes UNEP/MAP funding for REMPEC.

No.	Source of funding	Funds programmed for 2022	Expenditure 2022	Percentage of 2022 budget spent	Donor percentage of total expenditure
10	IMST Fund	411,814	373,447	91%	2%
11	China	661,395	338,668	51%	2%
12	Saudi Arabia	455,650	311,900	68%	2%
13	Germany	540,535	274,134	51%	2%
14	West and Central Africa Maritime Security Trust Fund	333,850	273,960	82%	1%
15	Model Courses	361,490	219,604	61%	1%
16	Global Industry Alliance	501,684	137,418	27%	1%
17	United Kingdom	136,166	136,166	100%	1%
18	Malaysia	108,327	105,543	97%	1%
19	Canada	93,156	90,714	97%	1%
20	Australia	146,900	78,745	54%	Less than 0.5% of the total expenditure each
21	Republic of Korea	331,855	68,724	21%	
22	SAR Trust Fund	80,000	67,336	84%	
23	Belgium	73,678	45,087	61%	
24	Technical Cooperation Donor Fund Contribution	192,588	25,654	13%	
25	Italy	61,753	24,651	40%	
26	LC/LP Trust Fund	84,600	24,536	29%	
27	ITF Fund	13,560	8,571	63%	
	TOTAL in \$	31,209,269	17,663,922	57%	

15 As previously mentioned in paragraphs 3 and 7, a number of activities that were ongoing during 2022 may have a completion date beyond 31 December 2022, and will therefore be reflected in the 2023 annual report, as will any relevant invoices and other adjustments not received before closure of the 2022 accounts. Likewise, it may be noted that the 2022 expenditure also includes 45 activities and their related budgets originally programmed for 2021. This minor proportion of expenditure was primarily relevant to activities that were operational in 2021 but whose full implementation was not completed until 2022.

16 An expenditure level over \$500,000 was credited to the top seven donor sources, as illustrated in table 2. The highest figure of \$7 million was attributed to the TC Fund, representing 40% of the total expenditure, followed by UNODC with an expenditure of \$2 million for maritime security related projects.⁶ This was followed by Norway with 11% of the overall expenditure for the GloLitter and the IMO-Norway Green Voyage 2050 and other technical cooperation activities. UNEP accounted for 6% of total expenditure, which includes UNEP/MAP funding for REMPEC as well as funding for the Innovation Forum; UNDP-GEF accounted for 5% for the GloFouling Partnerships project as well as for preparations for the GloNoise Partnership project; the European Commission for 4%; the Voyage Together Trust Fund for 3%; and the remaining 20 donors each accounted for 2% or under of total expenditure for 2022.

⁶ The maritime security related projects in question (Port Security and Safety of Navigation in Eastern and Southern Africa (ESA) and the Indian Ocean and the Regional Programme for Maritime Security in the Red Sea Area) are funded by the European Union. However, the funding is made available to IMO by UNODC.

The TC Fund

17 The TC Fund maintains the top position on the scale of funding presented in table 2, which supported implementation in 2022 with expenditure of over \$7 million.

18 Chart 4 displays TC Fund expenditure over five years, showing a decrease from the \$7 million recorded in 2018 to the lowest level of expenditure in 2020, because of COVID-19, to a high of \$7 million in 2022. The TC Fund expenditure as a percentage of the overall expenditure can be seen in chart 5, which compares the years 2018 to 2022. As noted above, the 2022 percentage of 40% shows a slight increase from the 38% recorded in 2021, but is consistent with earlier years.

Chart 4: Annual TC Fund expenditure 2018-2022

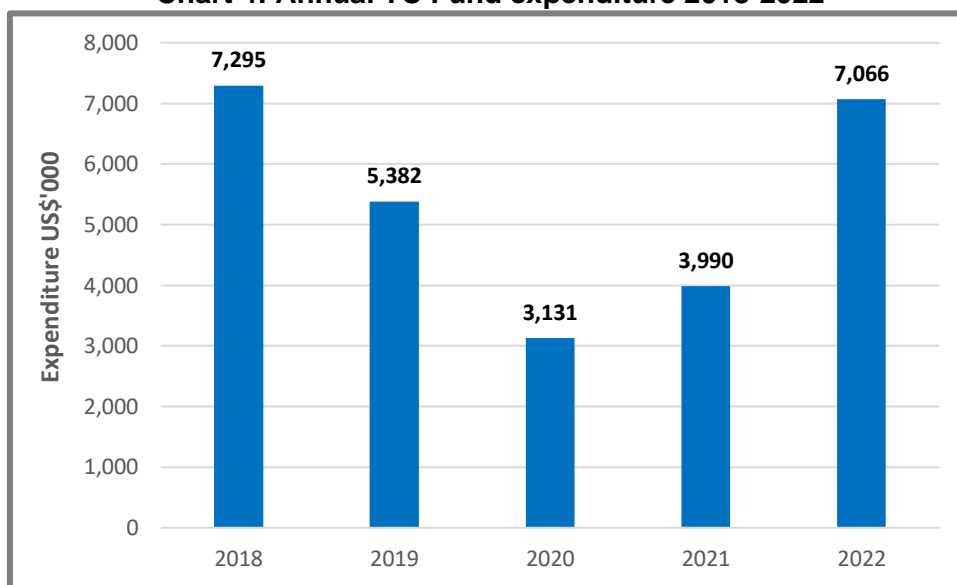
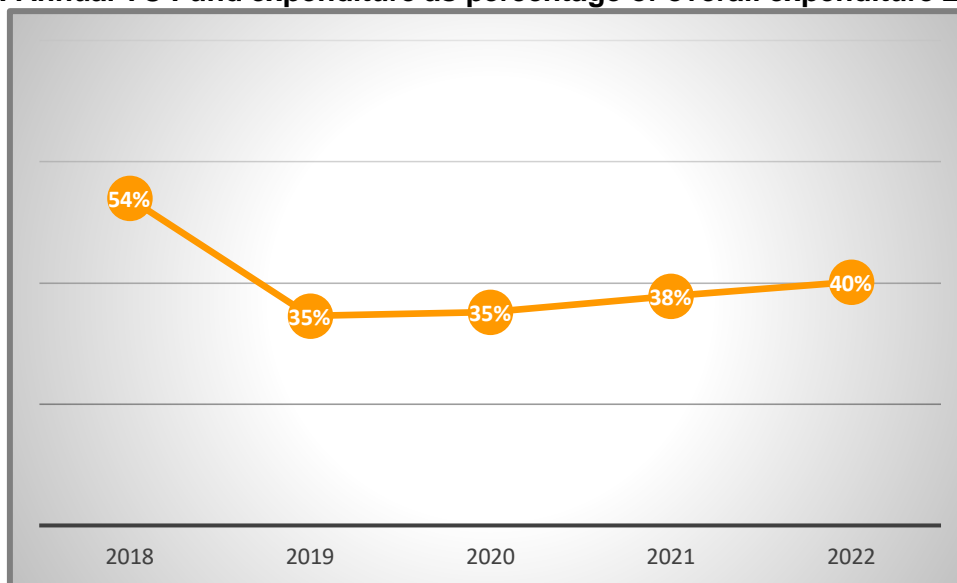


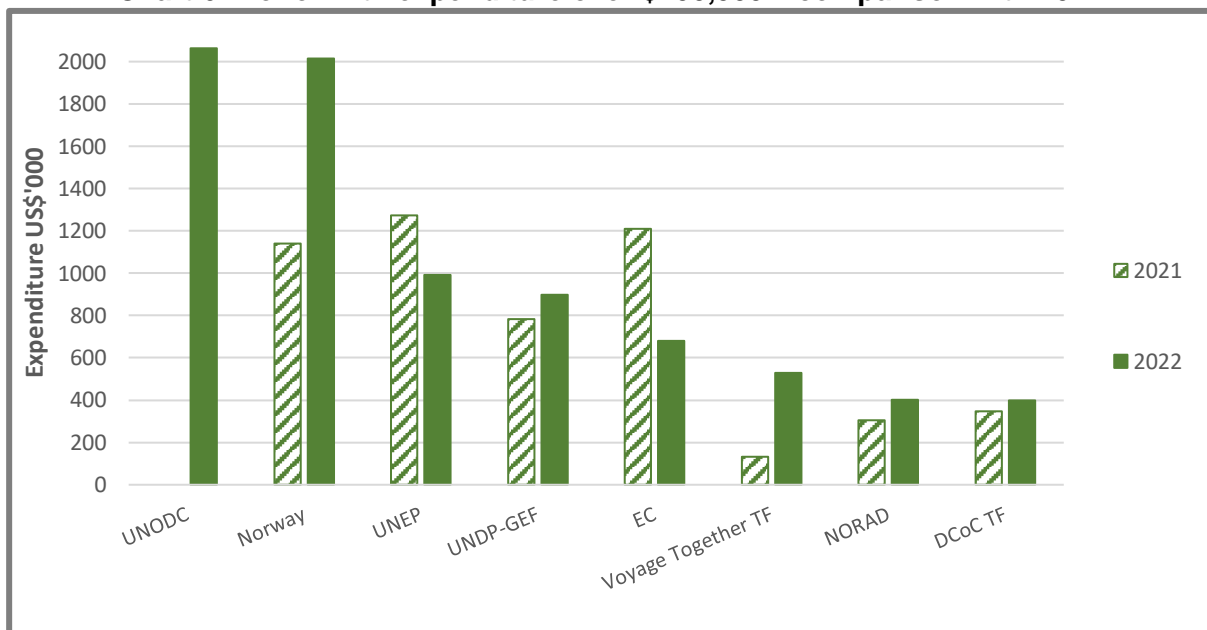
Chart 5: Annual TC Fund expenditure as percentage of overall expenditure 2018-2022



Other donors

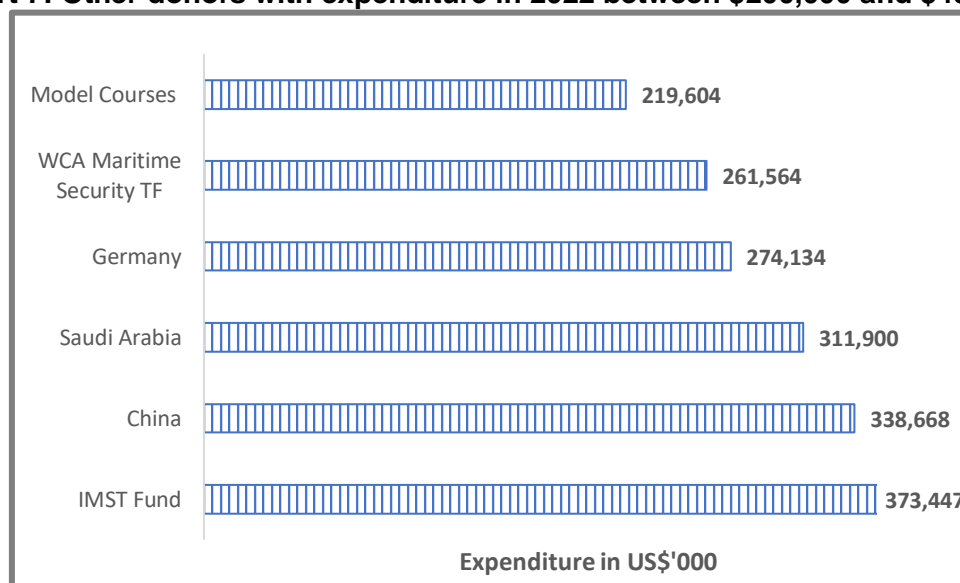
19 Chart 6 displays the eight donors (excluding the TC Fund) that recorded expenditure over \$400,000 in 2022, in comparison with the amounts expended against these donors in the previous year. All funds showed an increase in spending compared to 2021, except for UNEP and the European Commission, which is due to the completion of the Global MTCC Network (GMN) project in March 2022. The significant increase in expenditure from Norway is due mostly to the number of projects currently funded by Norway, such as the GloLitter, the IMO-Norway GreenVoyage2050 and the new TEST Biofouling projects.

Chart 6: Donor with expenditure over \$400,000 – comparison with 2021



20 Chart 7 illustrates expenditure between \$200,000 and \$400,000 against other donors, namely the IMST Fund, China, Saudi Arabia, Germany, the West and Central Africa Maritime Security Trust Fund and the Model Courses Trust Fund.

Chart 7: Other donors with expenditure in 2022 between \$200,000 and \$400,000



21 Further information on the donors and their support to the respective constituent programmes of the ITCP and thematic long-term projects is presented in the appendix, together with the related total budget and expenditure recorded against each regional and global programme for 2022.

DISBURSEMENT BY REGION

22 IMO's technical cooperation work consists of two core components. Firstly, the core ITCP has regional and global programmes that deliver technical assistance and capacity-building activities on an annual basis. Secondly, a number of long-term thematic projects, most of which have an environmental focus, are delivered on a multi-year structure. Expenditure has been analysed as combined ITCP and long-term thematic projects by region, as well as separately.

23 The total regional and global expenditure distribution for 2022 is presented in table 3. The figures for 2021 are shown for comparison only. For the purpose of accuracy, the analysis of the regional expenditure was not only based on the activities of the regional programmes, but also, as far as possible, on the disaggregated data from the global programmes. For example, many of the activities of the global programmes are included in the regional statistics, including, inter alia, Support to SIDS and LDCs for their shipping needs; Women in Maritime; Enhancement of Maritime Security; and IMO Member State Audit Scheme.

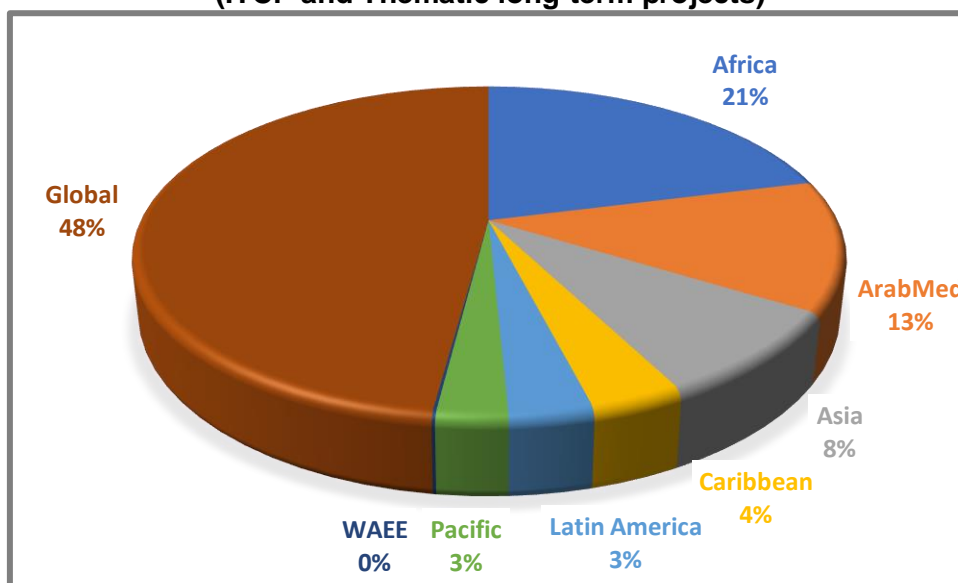
24 By contrast, those activities providing benefits in more than one region remain categorized as global. This category covers a diverse range of maritime subjects across the globe and includes, inter alia, the provision of fellowships, inter-regional workshops and many of the thematic long-term projects. Hence, the results presented in table 3 were identified by the recipient region of the respective activities, and as a consequence, do not correlate to the global and regional programmes summarized in the appendix.

**Table 3: Distribution of expenditure by region in 2022 – comparison with 2021
(ITCP and Thematic long-term projects)**

Region	2022	2021
Africa	3,712,713	973,318
Arab States and Mediterranean	2,248,806	1,370,431
Asia	1,508,611	1,523,555
Caribbean	634,890	326,978
Latin America	573,524	220,455
Pacific	484,382	475,464
Western Asia and Eastern Europe	23,238	30,166
Global	8,477,758	5,637,614
Total in \$	17,663,922	10,557,981

25 Chart 8 illustrates the regional and global distribution for 2022 by percentage. The Africa region accounted for some 21% of total expenditure; Arab States and Mediterranean for 13%; Asia for 9%; Pacific Islands for 3%; Caribbean for 4%; Latin America for 3%; and Western Asia and Eastern Europe with less than 0.5% of total expenditure. The remaining activities comprise the balance under the global category with 48% of the total expenditure.

**Chart 8: Regional and global percentage distribution of expenditure in 2022
(ITCP and Thematic long-term projects)**



26 Chart 9 below shows the amount of expenditure per region that was spent on core ITCP and thematic long-term projects. It can be informative to view expenditure on ITCP and on the thematic long-term projects separately, as the budgets for the thematic long-term projects are much larger and often include a staff component. For example, during 2022, in the Africa region, the Port Security and Safety of Navigation in Eastern and Southern Africa and the Indian Ocean Programme accounted for 35% of expenditure, while in the Arab and Mediterranean region, the Regional Programme for Maritime Security in the Red Sea Area accounted for 35% of expenditure. In the Asia region, the MEPSEAS project and the Blue Solutions Preparatory project accounted for 27% and 14% of expenditure, respectively. The GMN project, which includes MTCCs in the Africa, Asia, Pacific Islands, Latin America and Caribbean regions, accounted for between 1% and 28% of all expenditure in those regions. Under the global category, the GloLitter and the GloFouling Partnerships projects accounted for 11% of global expenditure each. This can be seen in chart 10, which shows the projects' percentage spending per region.

Chart 9: Core ITCP and thematic long-term project spending by region, in \$

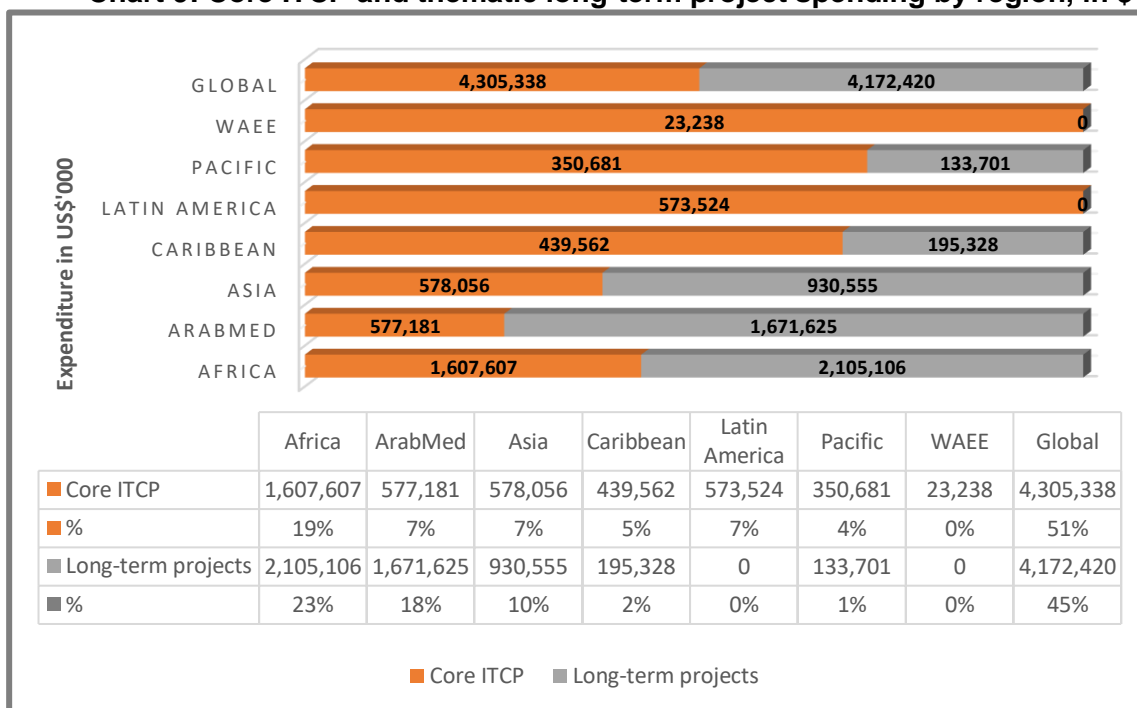
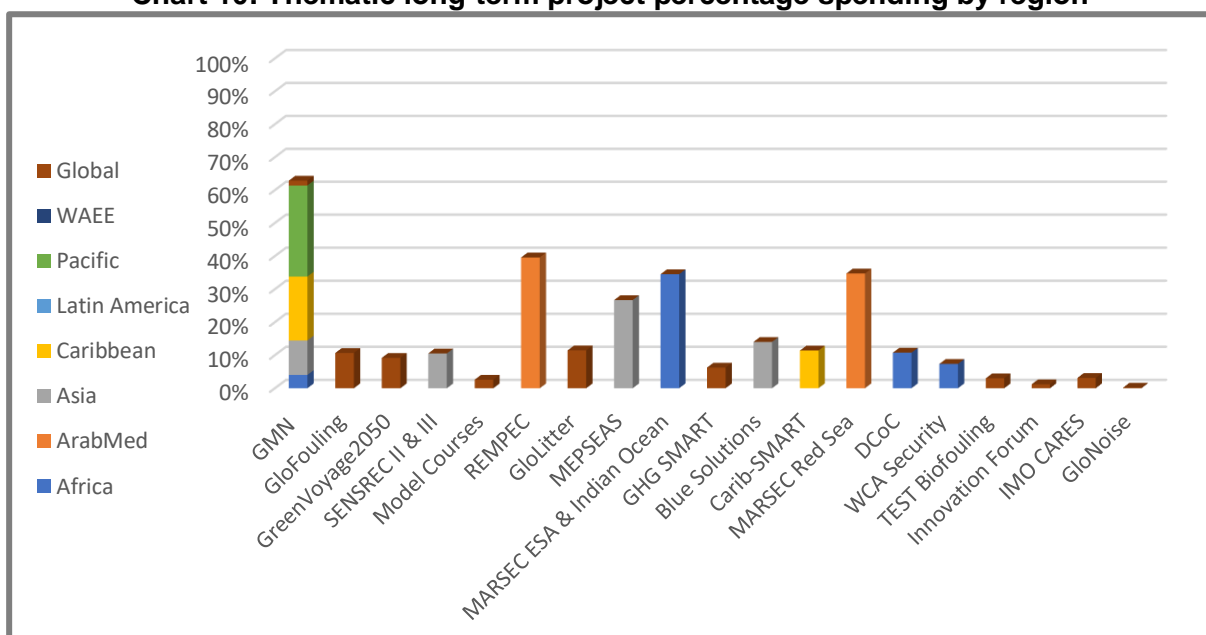


Chart 10: Thematic long-term project percentage spending by region



DISBURSEMENT BY DISCIPLINE

27 Table 4 below presents the distribution of delivery by maritime discipline for 2022, as compared with 2021, whereas chart 11 demonstrates the disbursement of both core ITCP and thematic long-term projects for 2022. For the purpose of this analysis, the discipline of maritime safety and security are shown separately to acknowledge the importance attributed to each distinct subject. The activities under the Djibouti Code of Conduct programme, responding to the major threat of piracy facing the maritime world, have been included under the maritime security discipline.

28 During 2022, marine environment protection activities registered 40% of delivery, maritime security 19% and maritime safety 9%. Maritime training, including the provision of fellowships, accounted for 16% of total expenditure, while maritime legislation and Member State Audit accounted for 1% each. The general maritime sector, which includes activities related to maritime transport policy, integration of women in the maritime sector, the implementation of IMO instruments, and meetings of heads of maritime administrations, made up 13% of total 2022 expenditure.

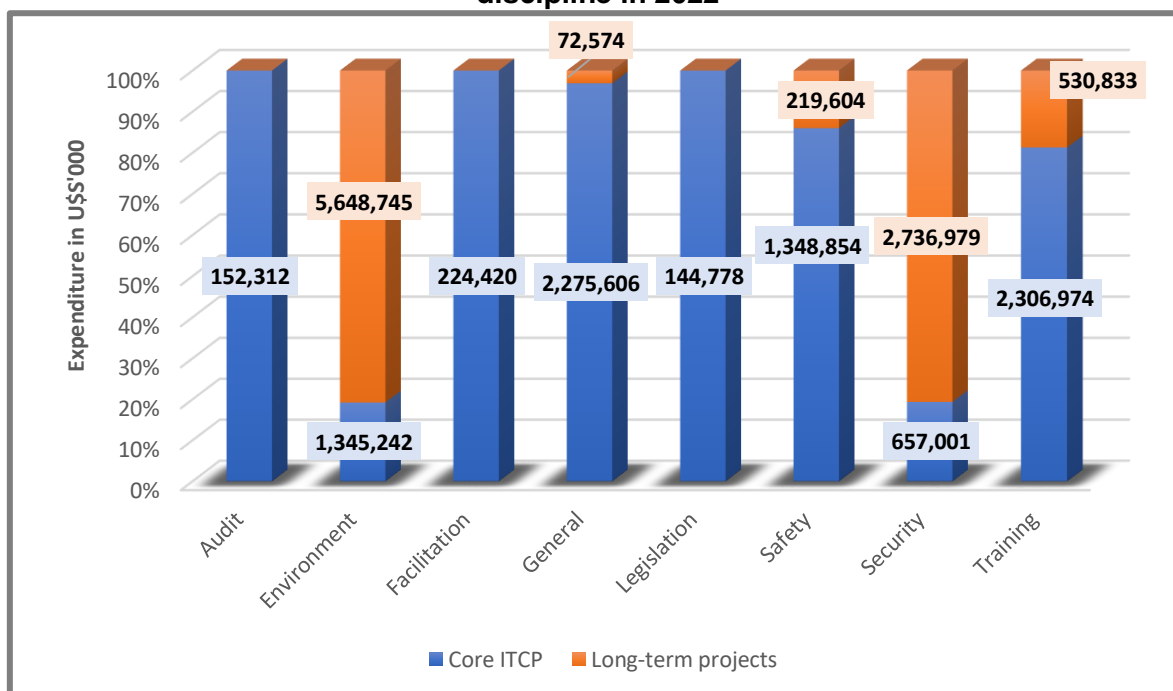
29 Regarding the discipline of marine environment protection, it should be noted that more than three quarters of the expenditure can be attributed to fourteen large-scale, multi-year projects currently ongoing or completed in 2022, as well as the annual expenditure towards REMPEC. All were financed through external funding entities, such as UNEP, UNDP-GEF, GIA, EC, Norway, Norad, the Voyage Together Trust Fund, Germany, Saudi Arabia and Australia, and many included staff cost components. Together these projects accounted for 81% of all expenditure related to the marine environment for 2022, equal to some \$5.6 million, an increase to the \$5 million recorded for long-term environmental projects in 2021.

30 On the discipline of maritime security, it should be noted that more than three quarters of the expenditure can be attributed to four multi-year projects currently ongoing. All were financed through external funding entities, such as UNODC, the Djibouti Code of Conduct Trust Fund and the West and Central Africa Maritime Security Trust Fund. Together these projects accounted for 82% of all expenditure related to maritime security for 2022, equal to some \$2.7 million.

Table 4: Distribution of expenditure by discipline in 2022 – comparison with 2021

Discipline	2022	%	2021	%
Member State Audit	152,312	1%	98,403	1%
Marine environment protection	6,993,987	40%	5,409,395	51%
Facilitation of international maritime traffic	224,420	1%	60,457	1%
General maritime sector	2,348,180	13%	1,238,419	12%
Maritime legislation	144,778	1%	183,987	2%
Maritime safety	1,568,458	9%	626,331	6%
Maritime security	3,393,980	19%	828,832	8%
Maritime training	2,837,807	16%	2,112,157	20%
Total in \$	17,663,922	100%	10,557,981	100%

Chart 11: Distribution of core ITCP and thematic long-term project expenditure by discipline in 2022



CONCLUSION

31 In conclusion, during 2022 there was a significant increase in expenditure within the core ITCP and long-term projects compared to 2021. The TC Fund continues to play an important role in the financing of the core ITCP, as it has done since its creation, although this is decreasing over time, as additional sources of funding are broadening the resource base for IMO's technical cooperation work.

Appendix

TC 73/3(a)

ITCP Regional and Global programmes,
other programmes and thematic long-term projects in 2022 - in US dollars

Annex 2, page 15

Programme Title	Budget	Expenditure	Delivery rate	Donor(s)
REGIONAL PROGRAMMES				
Africa				
Support to maritime development, Africa (Anglophone)	1,226,488	1,016,582	83%	TC Fund, Republic of Korea, China, SAR Trust Fund
Support to maritime development, Africa (Francophone)	472,889	401,935	85%	TC Fund, China
Arab States and Mediterranean				
Support to maritime development, Arab States/Mediterranean	482,068	426,511	88%	TC Fund
REMPEC	1,500,386	890,264	59%	UNEP Trust Fund
Asia and Pacific Islands				
Support to maritime development, Asia	946,081	531,578	56%	TC Fund, China, Republic of Korea
Support to maritime development, Pacific Islands	371,802	274,530	74%	TC Fund, China, Norway
Capacity Building for the Solomon Islands Maritime Authority (SIMA)	73,678	45,087	61%	Belgium
Support to the establishment of the new IMO Regional Presence Office Pacific Islands	166,788	7,573	5%	Technical Cooperation Donor Fund Contribution (TCDFC)*
Western Asia and Eastern Europe				
Support to maritime development, Western Asia and Eastern Europe	42,903	23,238	54%	TC Fund
Latin America and Caribbean				
Support to maritime development, Latin America	751,685	601,555	80%	TC Fund, Malaysia, Republic of Korea
Support to maritime development, Caribbean	414,243	400,331	97%	TC Fund
GLOBAL PROGRAMMES				
Technical advisory services	48,806	48,670	100%	TC Fund
Support to SIDS and LDCs for their shipping needs	70,977	62,857	89%	TC Fund
Women in Maritime	690,573	643,057	93%	TC Fund, Australia, China, TCDFC
Capacity-building and training	3,684,645	2,397,188	65%	TC Fund, Italy, China, Germany, Malaysia,
Reducing atmospheric emissions from ships and in ports and effective implementation of MARPOL Annex VI and the Initial IMO GHG Strategy	62,992	14,998	24%	TC Fund
Enhancement of maritime security	700,480	657,001	94%	TC Fund, IMST Fund, United Kingdom
IMO Member State Audit Scheme (IMSAS)	155,528	152,312	98%	TC Fund
Maritime development	959,315	725,648	76%	TC Fund, ITF Fund, Canada, Germany
Promotion of the London Protocol	84,600	24,536	29%	LC/LP Trust Fund

* The TCDFC comprises donor contributions from different Member States and sources. Detailed contributions per donor are presented in document TC 73/4(c) on Financial contributions to technical cooperation.

Appendix

ITCP Regional and Global programmes,
other programmes and thematic long-term projects in 2022 - in US dollars

Programme Title	Budget	Expenditure	Delivery rate	Donor(s)
THEMATIC LONG-TERM PROJECTS				
Global Maritime Technology Cooperation Centres Network (GMN) project	1,056,933	687,642	65%	European Union
GloFouling	1,509,470	905,520	60%	UNDP-GEF
SENSREC Phases II and III	724,960	158,949	22%	Norway
GreenVoyage2050	6,608,085	780,307	12%	Norway, GIA
GloLitter	1,888,277	972,371	51%	Norway, Australia, Saudi Arabia
MEPSEAS	647,778	402,458	62%	Norad
GHG-SMART	627,987	530,833	85%	Voyage Together Trust Fund (Republic of Korea)
Blue Solutions preparatory project	434,837	211,675	49%	Germany
TEST Biofouling	633,660	257,013	41%	Norway
Innovation Forum	105,581	101,782	96%	UNEP (Norway)
IMO CARES	401,150	264,564	66%	Saudi Arabia
GloNoise	16,200	16,200	100%	UNDP-GEF
Carib-SMART	93,049	72,574	78%	Norway
Port Security and Safety of Navigation in Eastern and Southern Africa and the Indian Ocean	1,282,801	1,281,428	100%	UNODC (European Union)
Regional Programme for Maritime Security in the Red Sea Area	1,173,057	781,361	67%	UNODC (European Union)
Support to the Implementation of the Djibouti Code of Conduct	405,050	400,230	99%	Djibouti Code of Conduct Trust Fund
West and Central Africa Maritime Security Programme	333,850	273,960	82%	WCA Maritime Security Trust Fund
Other programmes				
Model Courses	361,490	219,604	61%	IMO Model Courses Development Trust Fund

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* The TCDFC comprises donor contributions from different Member States and sources. Detailed contributions per donor are presented in document TC 73/4(c) on Financial contributions to technical cooperation.

ANNEX 3

TECHNICAL COOPERATION PLANNING AND REPORTING

**Annual Report for 2022
Glossary of terms**

GLOSSARY

AAMA	Association of African Maritime Administrations
AFS	Anti-fouling Systems
AFS Convention	International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001
AGM	Annual General Meeting
APHoMSA	Asia-Pacific Heads of Maritime Safety Agencies
ARF	ASEAN Regional Forum
ARPEL	Association of Oil, Gas and Renewable Energy Companies of Latin America and the Caribbean
ASEAN	Association of Southeast Asian Nations
ASEAN MTWG	Association of Southeast Asian Nations Maritime Transport Working Group
AtoN	Aids to Navigation
Biofouling Guidelines	Guidelines for the control and management of ships' biofouling to minimize the transfer of invasive aquatic species
BSBRA	Bangladesh Ship Breakers and Recyclers Association
BWM	Ballast Water Management
BWM Convention	International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004
CASIT	Caribbean Ship Inspector Training Course
Carib-SMART	A Programme to develop and implement a Sustainable Maritime Transport system in the Caribbean
Cape Town Agreement	Cape Town Agreement of 2012 on the Implementation of the Provisions of the 1993 Protocol relating to the Torremolinos International Convention for the Safety of Fishing Vessels, 1977
CAP	Corrective Action Plan
CARICOM	Caribbean Community
CB Matrix	Capacity-Building Coordination Matrix
CLC Convention	International Convention on Civil Liability for Oil Pollution Damage, 1969
COCATRAM	Comisión Centroamericana de Transporte Marítimo (Central American Commission on Maritime Transport)
COP 27	27th United Nations' Climate Change Conference
COVID-19	Coronavirus Disease 2019
CPPS	Comisión Permanente del Pacífico Sur (Permanent Commission for the South Pacific)
DA	Designated Authority
DCoC	Djibouti Code of Conduct
EAS	East Asia Summit
ECOWAS	Economic Community of West African States
ELSAR	E-learning Search and Rescue Platform
ESA	Eastern and Southern Africa
EU	European Union
ENV-P	Energy efficiency component
FAL	Facilitation Committee

FAL Convention	Convention on Facilitation of International Maritime Traffic, 1965, as amended
FAO	Food & Agriculture Organization
FATS	Framework for Action on Transport Services
FSA-P	Formal Safety Assessment component
FSI	Flag State Implementation
FSO	Floating Storage and Offloading Unit
FSO-SAFER	Floating Storage and Offloading Unit Services and Applications for Emergency Response
G7 ++	Group of Friends of the Gulf of Guinea
GEF	Global Environment Facility
GHG	Greenhouse gas
GHG SMART	Sustainable Maritime Transport Training Programme to support the Implementation of the Greenhouse Gas Strategy
GHG Strategy	Initial IMO strategy on Reduction of Greenhouse Gas Emissions from Ships
GI	Global Initiative
GI WACAF	IMO-IPIECA Global Initiative for West, Central and Southern Africa
GIA	Global Industry Alliance
GIA-SEA	GIA for South-East Asia
GISIS	IMO Global Integrated Shipping Information System
GIMI	Galilee International Management Institute
GloFouling Partnerships	Building Partnerships to Assist Developing Countries to Minimize the Impacts from Aquatic Biofouling (GEF/UNDP/IMO project)
GloLitter Partnerships	Global project to prevent and reduce marine plastic litter from shipping and fisheries (Norway/FAO/IMO Project)
GloNoise Partnership	Global Partnership for Mitigation of Underwater Noise from Shipping
GMN	Global Maritime Technology Cooperation Centres Network
GoG	Gulf of Guinea
GreenVoyage 2050 Project	Global project aiming to transform the shipping industry towards a lower carbon future (Norway/IMO Project)
GSSD	Global South-South Development
HNS	Hazardous and noxious substances
IALA	International Association of Marine Aids to Navigation and Lighthouse Authorities
IAMSAR	International Aeronautical and Maritime Search and Rescue Manual
IAS	Invasive Aquatic Species
ICC	Interregional Coordination Centre
IGAD	Intergovernmental Authority on Development
III Code	IMO Instruments Implementation Code
IKI	International Climate Initiative
ILO	International Labour Organization
IMDG Code	International Maritime Dangerous Goods Code
IMLI	IMO International Maritime Law Institute
IMO	International Maritime Organization

IMO CARES	IMO Coordinated Actions to Reduce Emissions from Shipping
IMRF	International Maritime Rescue Federation
IMSAS	IMO Member State Audit Scheme
IMSBC Code	International Maritime Solid Bulk Cargoes Code
IMSSEA	International Maritime Safety Security and Environment Academy
IMST Fund	International Maritime Security Trust Fund
INTERPOL	International Criminal Police Organization
INTERSPILL	International Oil Spill Forum
IPER	Institut Portuaire d'Enseignement et de Recherche du Havre (Le Havre)
IPIECA	The global oil and gas industry association for environmental and social issues
IPSAS	International Public Sector Accounting Standards
ISM Code	International Safety Management Code
ISMI	Interregional Maritime Security Institute
ISN	Information Sharing Network
ISPS Code	International Ship and Port Facility Security Code
ITCP	Integrated Technical Cooperation Programme
ITF Fund	International Transport Workers' Federation Fund
IWT	Illicit wildlife trade
JPOs	Junior Professional Officers
LP	London Protocol
LC	London Convention
LDCs	Least developed countries
LMS	Learning Management System
London Protocol	1996 Protocol to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, 1972, as amended
LPCs	Lead Partnering Countries
LRIT	Long Range Identification and Tracking
MAIP	Marine Accident Investigation Procedures
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, as amended
MARSEC	Maritime Security
MED	Marine Environment Division
MEPSEAS	Marine Environment Protection for Southeast Asian Seas
MMCC	Mission Management and Control Centre
MOCs	Memorandum of cooperations
MoU	Memorandum of understanding
MPA	Maritime and Port Authority
MRCC	Maritime Rescue Coordination Centre
MSC	Maritime Safety Committee
MSc	Master of Science
MSD	Maritime Safety Division

MSW	Maritime single window
MTCCs	Maritime Technology Cooperation Centres
NAPs	National Action Plans
NextGEN	A project initiative where 'GEN' stands for Green and Efficient Navigation'
NMISCs	National Maritime Information Sharing Centres
NMTPs	National Maritime Transport Policies
Norad	Norwegian Agency for Development Cooperation
OAS	Organization of American States
ODA	Official Development Assistance
OPRC	Oil Pollution Preparedness, Response and Co-operation
OPRC Convention	International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990
PACPLAN	Pacific Islands Regional Marine Spill Contingency Plan
PacWIMA	Pacific Women in Maritime Association
PBBS	Port Biological Baseline Survey
PCs	Partner Countries
PCS	Port Community System
PERSGA	Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden
PEMSEA	Partnerships in Environmental Management for the Seas of East Asia
PIDs	Programme Implementation Documents
PFSAs	Port Facility Security Assessments
PFSPs	Port Facility Security Plans
PNA	Prefectura Naval de Argentina
PSC	Port State Control
PSCOs	Port State Control Officers
PSSAs	Particularly Sensitive Sea Areas
RAC	Regional Activity Center
Red-MAMLa	Network of Women of Maritime Authorities in Latin America
REMPEC	Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea
REMPEITC-Caribe	Regional Marine Pollution Emergency Information and Training Centre
RETOS™	Readiness Evaluation Tool for Oil Spills
ROCRAM	Red Operativa de Cooperación Regional de Autoridades Marítimas de las Americas (Operative Regional Cooperation Network of Maritime Authorities of the Americas)
ROCRAM-CA	Red Operativa de Cooperación Regional de Autoridades Marítimas de Centroamérica y República Dominicana (Operative Regional Cooperation Network of Maritime Authorities for Central America and the Dominican Republic)
RoK	Republic of Korea
RPO	Regional Presence Office
SACEP	South Asia Cooperative Environment Programme
SAFER	Services and Application for Emergency Response
SAR	Search and Rescue
SBMPL	Sea-Based Marine Plastic Litter
SCAT	Seafarer Crisis Action Team
SCV Code	Code of Safety for Small Commercial Vessels Operating in the Caribbean

SDGs	(United Nations) Sustainable Development Goals
SDS-SEA	Sustainable Development Strategy for the Seas of East Asia
SENSREC	Safe and Environmentally Sound Ship-recycling in Bangladesh
SIDS	Small island developing States
SIMA	Solomon Islands Maritime Authority
SIMSA	Solomon Islands Maritime Safety Administration
SOLAS	International Convention for the Safety of Life at Sea, 1974, as amended
SPC	Pacific Community
SPREP	Secretariat of the Pacific Regional Environment Programme
STCW	Seafarers' Training, Certification and Watchkeeping
STCW Convention	International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended
SUA	Convention for the Suppression of Unlawful Acts against the Safety of Maritime Navigation, 1988
SWiFT Project	Single Window for Facilitation of Trade
TC	Technical cooperation
TC Fund	Technical Cooperation Fund
TCC	Technical Cooperation Committee
TCD	Technical Cooperation Division
TEST Biofouling	Accelerating Transfer of Environmentally sound Technologies through demonstration pilots to reduce biofouling and related emissions project
UN	United Nations
UN CC: Learn	United Nations Climate Change Learning Partnership
UNCLOS	United Nations Conventions on the Law of the Sea
UNCT	United Nations Country Team
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNEP/MAP	UNEP Mediterranean Action Plan
UNESCAP	United Nations Economic and Social Commissions for Asia & the Pacific
UNODC	United Nations Office on Drugs and Crime
VLCC	Very large crude carrier
VR	Visual reality
WA/EE	Western Asia and Eastern Europe
WCA	West and Central Africa
WIMAs	Women in Maritime Associations
WIMAC	Women in Maritime Association, Caribbean
WIMOWCA	Association of Women in Maritime of West and Central Africa
WISTA	Women's International Shipping & Trading Association
WMU	World Maritime University
WOMESA	Association for Women in the Maritime Sector in the Eastern and Southern Africa Region
YCC	Yaoundé Code of Conduct