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**INTEGRATED TECHNICAL COOPERATION PROGRAMME:
ANNUAL REPORT FOR 2021**

Note by the Secretariat

SUMMARY

Executive summary: This document provides the annual report on the technical cooperation activities implemented under the Integrated Technical Cooperation Programmes and information on the implementation of thematic long-term projects during 2021.

*Strategic direction,
if applicable:* 1 and 8

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

Action to be taken: Paragraph 3

Related documents: TC 71/3(b); TC 72/4(b) and TC 72/4(c)

1 In accordance with the reporting requirements approved by the Committee (TCC), at its sixty-second session in June 2012, the Secretariat submitted an annual report on the Organization's Integrated Technical Cooperation Programme (ITCP). Thus, this ITCP Annual Report for 2021 records the results of implementation in 2021, the second year of the 2020-2021 biennium. In addition, information on the implementation of thematic long-term projects during 2021 is also provided.

2 The ITCP annual report is structured as 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 ITCP Annual Report for 2021, therefore, comprises the three segments under the annexes listed below:

- .1 annex 1 – a summary of the achievements for the year, including details on the individual activity outputs;
- .2 annex 2 – an overview of the financial resource delivery, with statistics, delivery trends, a profile of resource contributions, resource and expenditure data, illustrated with comparative disbursement by region and maritime discipline; and
- .3 annex 3 – Glossary of terms.

* Reissued on 22 September 2022 to add the missing appendices.

Action requested of the Committee

3 The Committee is invited to note the attached ITCP Annual Report for 2021 and make such comments and decisions as it deems appropriate, which will be taken into account in the further development of technical cooperation activities, including ITCP.

ANNEX 1

INTEGRATED TECHNICAL COOPERATION PROGRAMME

Annual Report for 2021

Overview of ITCP and thematic long-term projects' delivery in 2021

INTEGRATED TECHNICAL COOPERATION PROGRAMME

Annual Report for 2021 Overview of ITCP and thematic long-term projects' delivery in 2021

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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 in accordance with IMO's global mandate "to promote safe, secure, environmentally sound, efficient and sustainable shipping through cooperation". Thus, the ITCP, underpinned by the technical cooperation mission objectives, is developed in response to the technical assistance needs of Member States while, at the same time, methodical planning ensures the relevance, transparency, effectiveness and efficiency of the technical assistance provided. Through implementation of the ITCP, IMO addresses the 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.

3 The delivery of the Organization's technical cooperation activities including ITCP activities during 2021 continued to be impacted by the COVID-19 pandemic. Nonetheless, the results of ITCP delivery in 2021 represent the collective effort of some 32 implementing officers and their supporting staff. Among the implementing officers are IMO staff at the Headquarters in London and in the Regional Presence Offices together with external partners and regional organizations.

4 While this report provides particulars of the activities delivered under 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.

5 This report presents the annual results for 2021 from both a financial and qualitative perspective, to provide a full and transparent representation of the outcomes achieved. The report comprises two separate segments under the annexes listed below:

- .1 annex 1 – a synopsis of ITCP and thematic long-term projects' achievements in 2021, with summaries and statistics of the ITCP activities delivered, including an appendix detailing the individual activity results of ITCP regional and global programmes; and
- .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 capture the resources expended,² 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 2021.

6 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 127/5(b) – Financial report and audited financial statements for the financial period ended 31 December 2021 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.

² For the purposes of budgeting and implementation of TC activities, the TC Fund is considered a "donor entity" within the TC programme management framework.

PROGRAMME OVERVIEW AND EXECUTION

Overview of ITCP delivery in 2021

7 ITCP activities delivered in 2021 covered a wide range of subject matters under the maritime disciplines of safety, security, facilitation, legislation, marine environment protection, Member State audit, maritime training and general maritime sector.

8 ITCP considered the respective 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. Moreover, due regard was 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.

9 To supplement the regional programmes, the global programmes focused on addressing specific technical and emerging issues at a global level. This flexible structure of ITCP provides a mechanism for funds to be targeted across a spectrum of subject matters. Developing countries 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.

10 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 (TC 72/4(b)). This demonstrates the value of continuing to develop formal partnerships to promote IMO's technical cooperation agenda.

11 IMO's technical cooperation mandate was addressed throughout 2021 through, inter alia, the implementation of a wide range of ITCP activities. 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 activities implemented, including outputs and participating countries, are presented in the appendix.

Aggregates for 2021

12 Although IMO endeavours to deliver all activities programmed in a given year, it is inevitable that circumstances arise which necessitate the cancellation or postponement of activities. This can be at the request of a host country, or can be due to security concerns, political situation, weather event or epidemic. For this reason, delivery of programmed activities never reaches 100% in any given year. This has been particularly relevant during 2021 in the context of the COVID-19 global pandemic.

13 In 2021, 102 activities were delivered out of a total of 202 programmed activities, a delivery rate of 50%. This is a 12% increase in the number of activities delivered in 2020 (81 activities were delivered out of 213 programmed), which was a delivery rate of 38%. Apart from the 102 activities completed in 2021, an additional 45 activities commenced late in 2021 that will not be completed until the first quarter of 2022. While these activities are not included in the 2021 figures for this annual report, they represent the actual work effort of the Secretariat in the 2021 calendar year and are worth noting.

14 Of the 102 activities delivered in 2021, 8 were advisory and needs assessment missions, and 44 were national and regional training courses, an increase from 27 in 2020. Other activities including development and translation of training materials; meetings of heads of maritime administrations; conferences and other specific aspects of technical assistance were consistent in 2021, with 50 such events delivered, compared to 49 similar activities carried out during 2020.

15 IMO sponsored a total of 216 fellowships in the maritime sector in 2021. This is significantly higher than the 99 recorded in 2020, due to the reallocation of unspent funds (because of COVID-19) to fellowships' funding. Eighty-two of these fellows qualified through the two IMO global maritime training institutions, the World Maritime University (WMU) and the IMO International Maritime Law Institute (IMLI), while 134 were sponsored by both IMO and donors to qualify through other maritime training institutions, such as the Institut Portuaire d'Enseignement et de Recherche du Havre (IPER) in Le Havre, France, and the International Maritime Safety Security and Environment Academy (IMSSEA) in Italy.

16 Additionally, approximately 1,592³ people worldwide were trained through attendance at national and regional training workshops and seminars, a remarkable increase from the 943 trained in 2020, due to the increased accessibility of online training during the second year of the pandemic. A further 358 senior officials attended events in 2021 aimed at developing and harmonizing regional strategies on maritime technical issues.

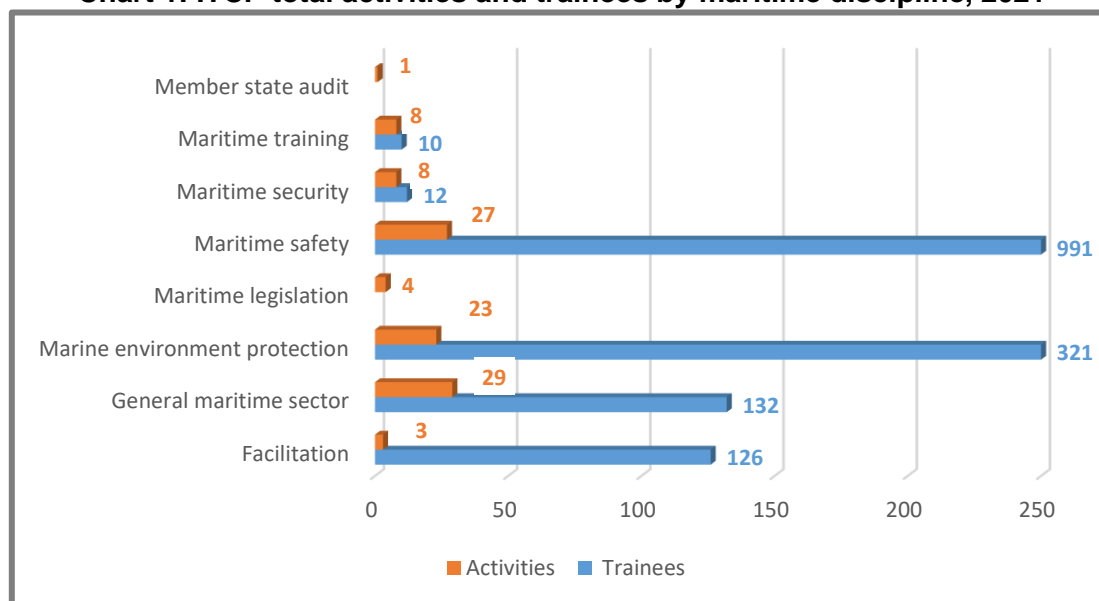
17 Table 1 displays the number of different types of ITCP activities delivered, as well as the number of trainees and fellows during 2021, while chart 1 indicates the number of activities and trainees (excluding fellows) by maritime discipline.

Table 1: Summary of ITCP activities delivered, 2021

Activities	2021
Advisory/assessment missions	8
National training events	19
Regional training events	25
Other activities	50
Total activities	102
Fellows	
Fellows (funded by IMO, in IMO global maritime training institutions)	82
Other fellows (funded by IMO and donors to other maritime training institutions)	134
Subtotal fellows	216
Trainees	
Trainees in IMO-sponsored training events	1,592
Total fellows and trainees	1,808
Other	
Strategy officials	358

³ 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, 2021



18 The IMO Women in Maritime programme has promoted opportunities for women in the maritime sector for more than three decades. Document TC 72/9 reports in more detail on this programme, but in an effort to mainstream gender equality, gender statistics are now also included in the Annual Report on ITCP delivery. 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.

19 As per chart 2 below, 34% of ITCP participants were female, which is consistent with the 35% recorded in 2020. However, as can be seen from the further breakdown in chart 3, females represented 63% in the senior official's category and 54% in the fellow's category, which is a very positive outcome for gender equality. The overall percentage was brought down by only 24% female participation in the trainee category, which indicates room for improvement in this area.

Chart 2: 2021 ITCP participants by gender

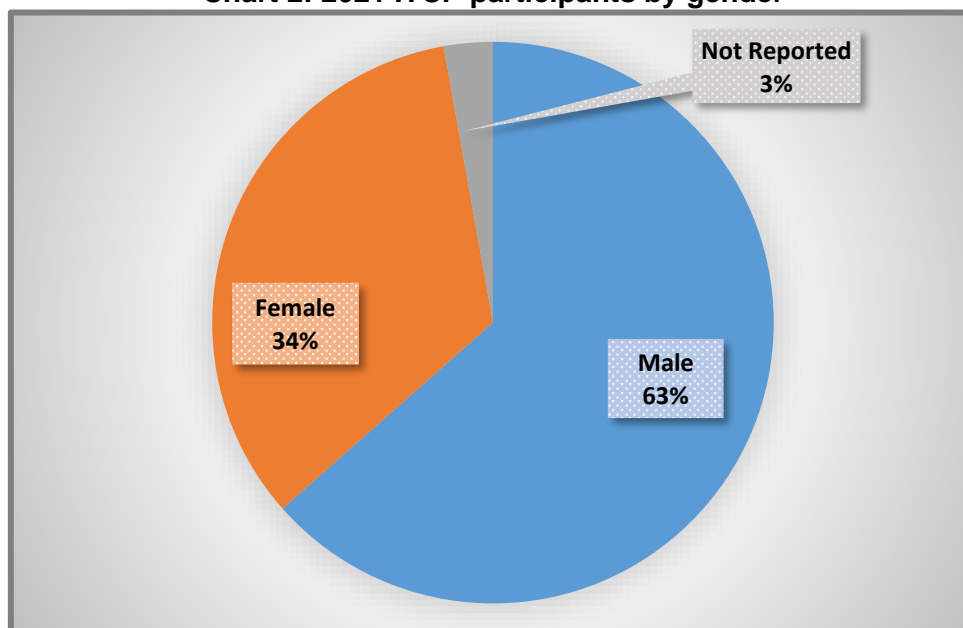
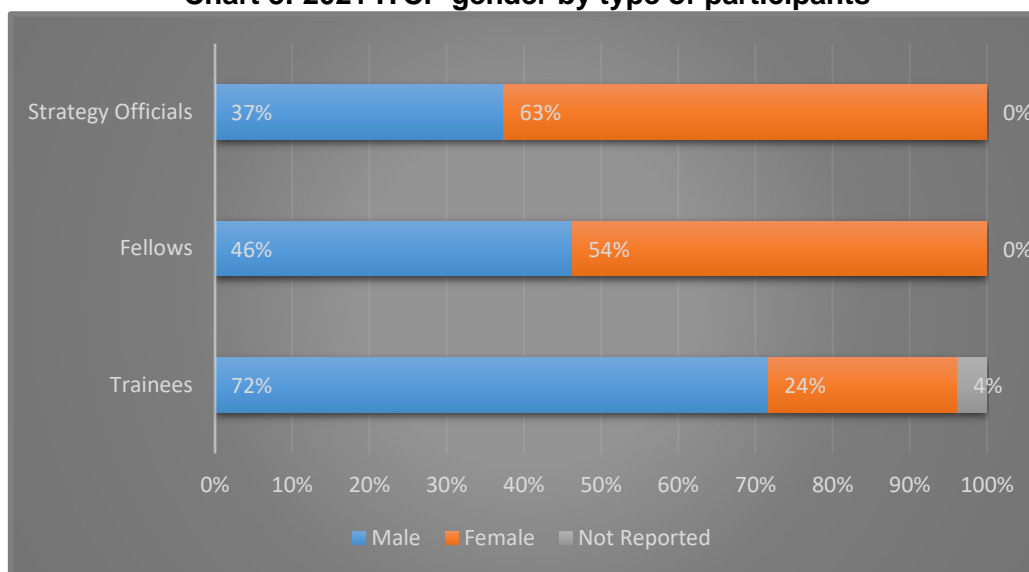


Chart 3: 2021 ITCP gender by type of participants



E-Learning

20 During the period under review, the Secretariat continued working on the development of e-Learning courses 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 IMO Digital Review, which earmarked the development of e-Learning as a priority item.

21 The three e-Learning courses being developed within the framework of the IMO-WMU e-Learning pilot project continued progressing well during 2021 and the courses are expected to be finalized and launched in 2022. The one-day e-Learning course "An Introduction to Oil

Pollution Preparedness, Response and Cooperation" (Introductory OPRC course) was inaugurated on 7 April 2022 on the margins of the ninth session of the Sub-Committee on Pollution Prevention and Response (PPR) while the two-and-a-half-day biofouling management course will be officially launched on the margins of TC 72. The five-day IMO IMSAS auditors' course is expected to be completed by the end of 2022. As a follow up to the pilot project, other IMO e-Learning courses will be developed, including a Spanish version of the Introductory OPRC course on which preparatory work commenced at the end of 2021.

22 The e-Learning courses are owned by IMO and hosted on the Organization's Learning Management System (LMS) platform, as appropriate, and can be accessed through the IMO website or through the following URL: <https://lms.imo.org/moodle310/>. There are two types of e-Learning courses:

- .1 self-enrolment courses open to interested parties in the maritime industry that may undertake a particular course at any time; and
- .2 authorized enrolment courses that will be periodically delivered at the national, regional or global levels and for which participation will be at the invitation of IMO.

23 In addition to the IMO-WMU e-Learning pilot project, in 2021, the Secretariat also delivered two hybrid e-Learning/virtual learning regional train-the-trainer workshops for seafarers on ships operating in Polar waters.

OVERVIEW OF REGIONAL PROGRAMMES FOR 2021

24 It is to be reiterated that the delivery of ITCP activities, in all regions, suffered an ongoing effect of the COVID-19 global pandemic. Some travel restrictions and health preventive measures resulted in the cancellation and/or postponement of a number of planned activities for 2021. However, where possible, every effort was made to deliver activities virtually.

Africa: regional overview 2021

25 Notwithstanding the impact of the pandemic, 18 technical cooperation activities were implemented virtually and online during the period under review, with a specific focus on maritime safety and security, protection of the marine environment and facilitation of international shipping traffic for the 54 IMO Member States in the Africa region.

26 In spite of the restrictions, the three IMO Regional Presence Offices in Africa, located in Abidjan, Côte d'Ivoire; Accra, Ghana; and Nairobi, Kenya, respectively, continued to play a significant role in providing technical assistance support, advisories and identification of the relevant technical cooperation needs of the countries in the region. In the Africa region, 43% of IMO's Member States are categorized as least developed countries (LDCs), and 11% are categorized as small island developing States (SIDS). Therefore, consideration was given to their special shipping needs in the delivery of all activities during 2021. One specific example was the technical assistance provided to Cabo Verde between April and June 2021 to assist the country in the implementation of their Corrective Action Plan (CAP) to address the findings and observations of the country's audit under IMSAS.

27 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 primarily through the delivery of activities under the IMO Djibouti Code of Conduct programme (see paragraph 71 below). Furthermore, and following escalation in the number and severity of attacks in the Gulf

of Guinea region, threatening the lives and well-being of seafarers and the safety of ships operating in the region, officials from Africa were funded to attend an IMLI online short course on international maritime security law (see paragraph 58 below).

28 The Africa region also benefited from a range of capacity-building activities related to maritime safety, including the Global Search and Rescue (SAR) Plan, which received support through collaboration with the International Maritime Rescue Federation (IMRF). One activity was delivered virtually in Ghana on SAR Organization and Management training. Moreover, two regional workshops on port State control and flag State implementation, and two regional and one national workshops on assessment and examination for instructors, assessors and administrators based on the 1978 Standards of Training, Certification and Watchkeeping for seafarers (STCW) Convention, as amended, were delivered. Furthermore, to facilitate the ratification and coming into force of the 2012 Cape Town Agreement, the Organization delivered a regional webinar on the ratification and implementation of the Cape Town Agreement for 97 participants from African countries.

29 On the facilitation of international maritime traffic, there is ongoing support to Nigeria on the development of a Port Community System (PCS) for the Nigerian Port Authority. During the first phase of the project, IMO delivered six webinars involving the participation of relevant stakeholders. The participants were familiarized with a general understanding of what a PCS is and interlinkages with the single window concept relevant to the Convention on Facilitation of International Maritime Traffic, 1965, as amended (FAL) standards.

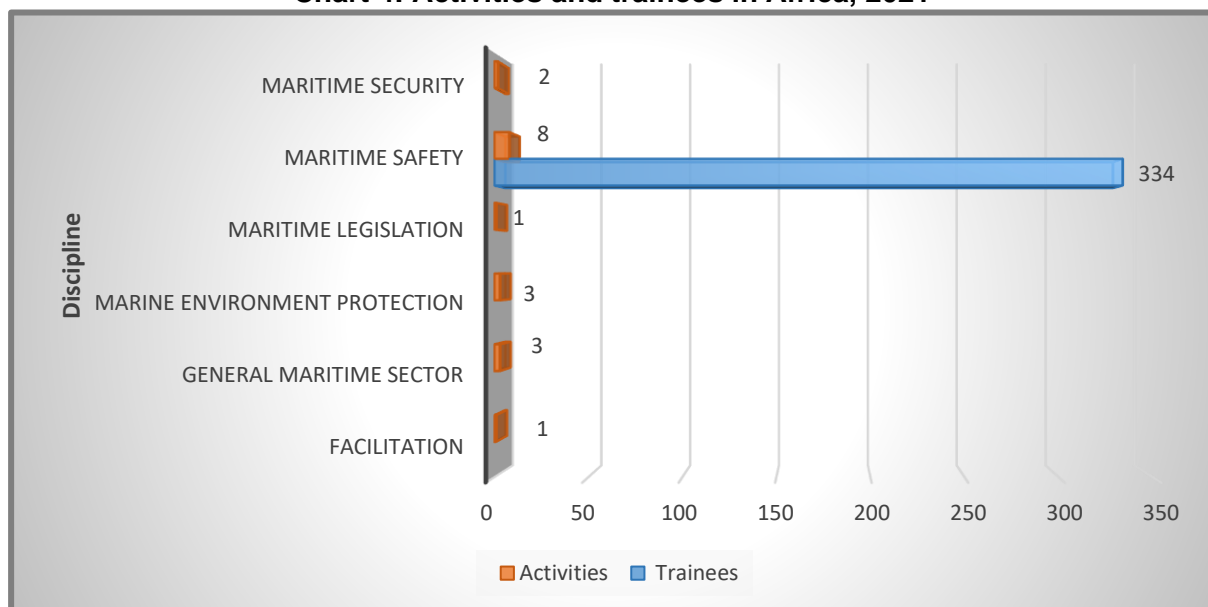
30 As part of IMO's support in the establishment of Women in Maritime Associations, the Regional Presence Office in Ghana facilitated the establishment of Women in Maritime for West and Central Africa (WIMOWCA) in July 2021.

31 The Regional Presence Office in Nairobi participated virtually in relevant conferences and meetings including the second Conference for growing blue economy, the monthly virtual meetings of the Somali Maritime Administration Working Group, and the Sustainable Port Development meeting for the Western Indian Ocean.

Table 2: Summary of deliverables in Africa, 2021

Activities	2021
Advisory/assessment missions	2
National training events	5
Regional training events	6
Other activities	5
Trainees and Fellows	
Trainees in IMO-sponsored training events	334
Fellows (funded by IMO, in IMO global maritime training institutions)	40
Other fellows (funded by IMO and donors to other maritime training institutions)	56
Other	
Strategy officials	174

Chart 4: Activities and trainees in Africa, 2021



Arab States and Mediterranean: regional overview 2021

32 As in other regions, technical cooperation activities in the Arab States and Mediterranean region continued through virtual and online modes during 2021. The focus for the 22 countries in this region was a combination of maritime safety, environment protection and facilitation related activities, with a total of seven activities delivered.

33 The majority of activities (four) were delivered to enhance the protection of the marine environment. This included a national workshop on the implementation and enforcement of MARPOL Annex V and VI, in person in Djibouti. The objective of the workshop was to enhance national capacity for the effective implementation and enforcement of the Convention through the provision of port reception facilities, as well as to support future ratification of the two MARPOL annexes.

34 IMO also embraced its regional partnerships and collaborated with the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) to deliver a subregional workshop on the use of the ARPEL Manual and the Readiness Evaluation Tool for Oil Spills (RETOS™), as well as collaborated with UNDP on oil spill contingency planning regarding the FSO-SAFER in Yemen, which is intended to be finalized in 2022.

35 The region further benefited from a training course on technical aspects of oil spill clean-up and waste management response, in Lebanon, and the development of a national Ballast Water management strategy in Morocco.

36 With regard to maritime safety, IMO implemented a national webinar on flag State implementation (FSI) and port State control (PSC) responsibilities for Morocco, during which the participants received training to enable the country to carry out the appropriate inspections of vessels, and applicable verifications, as required by the relevant IMO instruments.

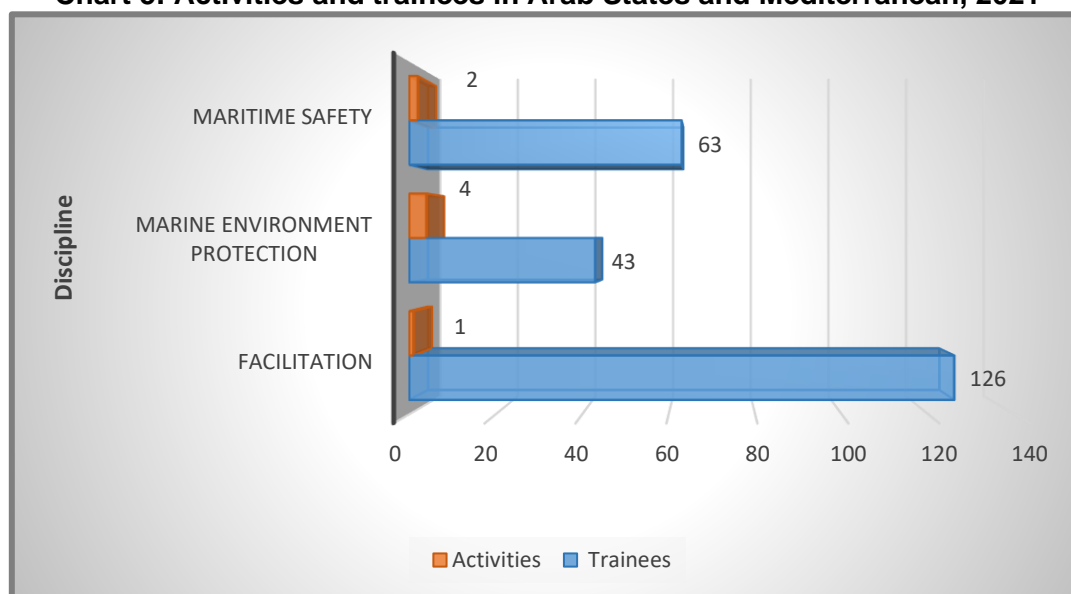
37 The region also benefited from a webinar on the ratification and implementation of the 2012 Cape Town Agreement, with a view to its possible entry into force by 11 October 2022, to correspond with the tenth anniversary date of the adoption of the Agreement.

38 For the facilitation discipline, 126 participants from across the Arab States and Mediterranean region attended a regional webinar to promote the ratification and effective implementation of the FAL Convention. The webinar aimed at raising awareness on the importance of the FAL Convention as a critical instrument for trade facilitation through a better understanding of the single window concept, electronic data processing and interchange techniques for the clearance of ships, persons and cargoes in ports.

Table 3: Summary of deliverables in Arab States and Mediterranean, 2021

Activities	2021
Advisory/assessment missions	0
National training events	3
Regional training events	2
Other activities	2
Trainees and Fellows	
Trainees in IMO-sponsored training events	232
Fellows (funded by IMO, in IMO global maritime training institutions)	7
Other fellows (funded by IMO and donors to other maritime training institutions)	8
Other	
Strategy officials	0

Chart 5: Activities and trainees in Arab States and Mediterranean, 2021



Asia and Pacific: regional overview 2021

39 Despite the COVID-19 restrictions, IMO embraced the online delivery methods and delivered a total of 26 activities in the Asia and Pacific regions, predominantly focusing on improving maritime safety, protection of the marine environment and developing the general maritime sector. The IMO Regional Coordinator for East Asia, and the IMO Technical Cooperation Officer at the Pacific Community (SPC) for the Pacific Island countries, continued their usual interaction and support to Member States in their respective regions, including advice and assistance with the implementation of, mostly virtual, national and regional activities.

40 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). Support from Member States consisted of the delivery of several activities, for example, an onboard training programme hosted by the Republic of Korea in Busan, which benefited a number of participants across Asia.

41 In response to the seafarers' crisis caused by the pandemic, participation in round table discussions and virtual meetings aimed at addressing the challenges impacting seafarer repatriation, including transition hubs to Pacific countries, as well as the responses of Association of South East Asian Nations (ASEAN) Member States to seafarers' access to crew change, repatriation and national vaccination programmes.

42 Throughout the year, significant effort was made towards the launching of a study to address the safety and energy efficiency of domestic passenger ships in the Philippines. The Asia region also continued to benefit from the Norway-funded long-term MEPSEAS project providing assistance to seven South East Asian countries (Cambodia, Indonesia, Malaysia, Myanmar,⁴ the Philippines, Thailand and Viet Nam) in the field of the protection of the marine environment.

43 Considerable efforts were also jointly made by internal and external parties, global and regional partners, and the metropolitan States in the Pacific Islands region for a joint workshop on the ratification and effective implementation of conventions relating to oil spill response, liability and compensation for the Pacific Islands region to enhance the capacity of Pacific Island States. The first phase of the regional workshop focused on practical experience, lessons learned and best practices, with the **Solomon Trader** incident providing the common setting.

44 Activities were reinitiated under the Belgium-funded programme on capacity-building of the Solomon Islands Maritime Authority (SIMA). Further, virtual meetings for interactive consultations among the Pacific States were also facilitated to focus on the long-term strategies and the establishment of the IMO Regional Presence Office in the Pacific Islands region.

Table 4: Summary of deliverables in Asia and Pacific, 2021

Activities	Asia	Pacific
Advisory/assessment missions	0	0
National training events	3	3
Regional training events	4	2
Other activities	7	7
Trainees and Fellows		
Trainees in IMO-sponsored training events	216	201
Fellows (funded by IMO, in IMO global maritime training institutions)	17	5
Other fellows (funded by IMO and donors to other maritime training institutions)	19	20
Other		
Strategy officials	0	120

⁴ In view of the current UN restrictions in Myanmar, activities for the benefit of this country under the MEPSEAS project were put on hold, until further notice.

Chart 6: Activities and trainees in Asia, 2021

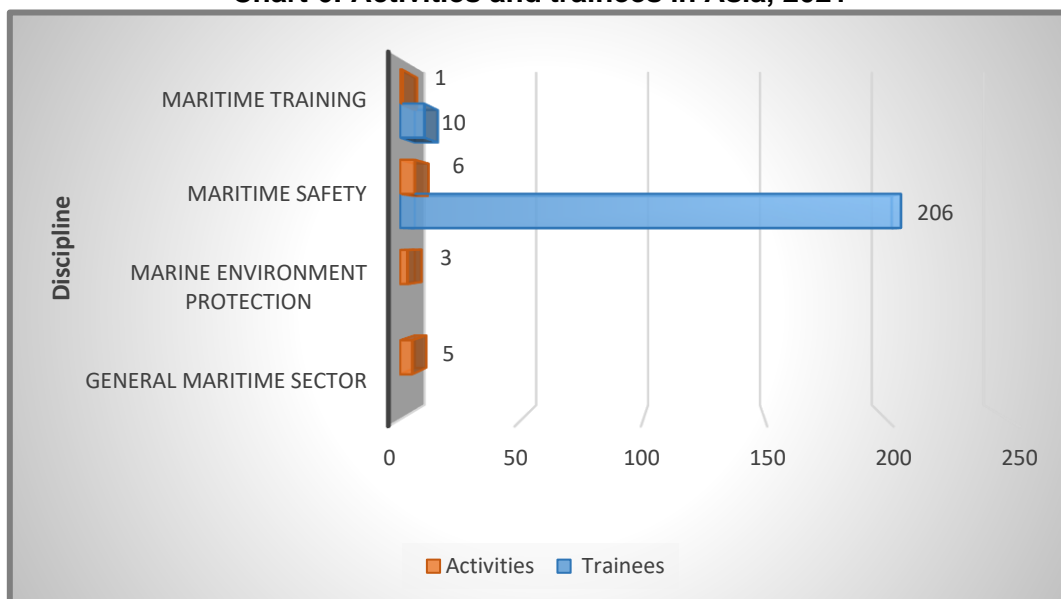
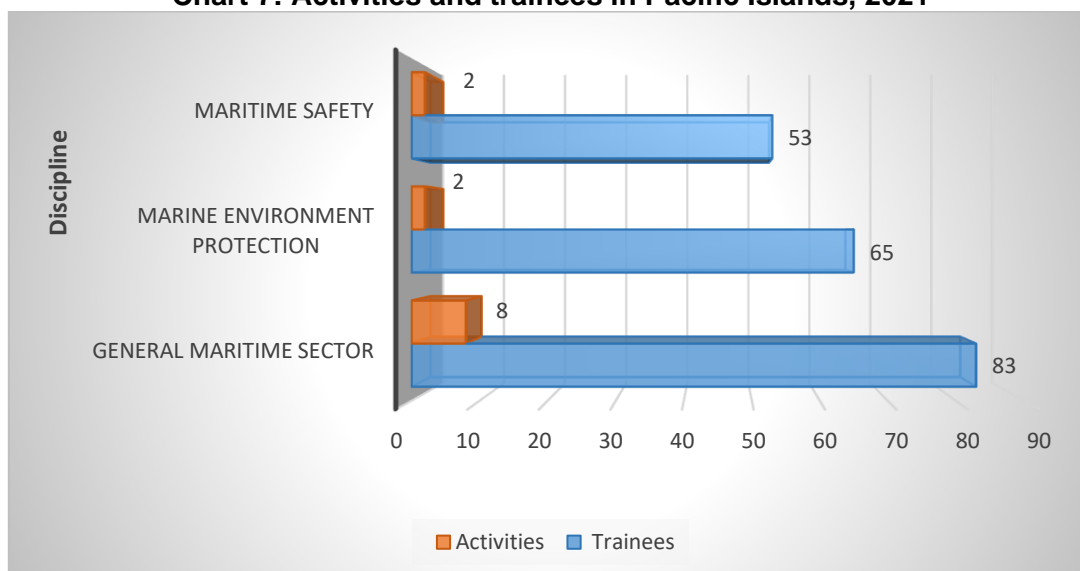


Chart 7: Activities and trainees in Pacific Islands, 2021



Western Asia and Eastern Europe: regional overview 2021

45 Delivery of the Western Asia and Eastern Europe programme continued online throughout 2021. The focus was on one key aspect of maritime safety, namely the widespread acceptance and effective implementation of the Cape Town Agreement for all Member States in the region and on ratification of the Agreement for those EU Member States already Party to the Torremolinos Protocol of 1993. The delivery of two separate events for European Union (EU) Member States and non-EU Member States from the region allowed for information to be shared on the lessons learned during the path to ratification, and on identified barriers that hinder progress towards acceptance and effective implementation.

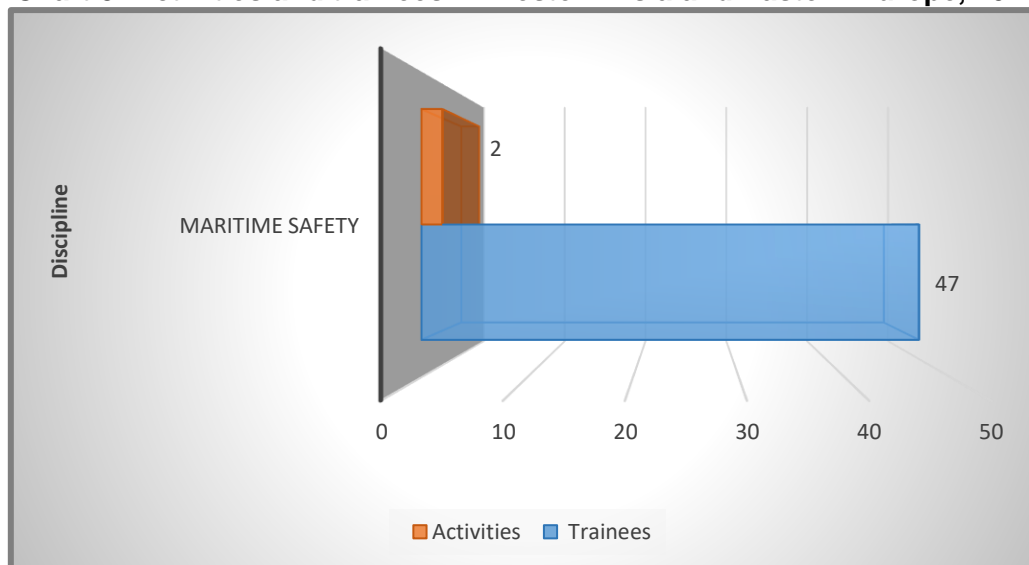
46 Furthermore, in partnership with REMPEC, the region benefitted from training on oil spill preparedness and contingency planning, as well as developing hands-on working knowledge of the use and advantages of the ARPEL Manual RETOS™, for analysing and identifying gaps in the national oil spill preparedness and response programmes of some Member States within the region.

47 The programme also continued to provide guidance to Member States on facilitating the repatriation and crew changes of seafarers. More than 50% of the Member States from the region designated seafarers as "key workers" in compliance with resolution MSC.473(ES.2) and successfully implemented MSC.1/Circ.1637.

Table 5: Summary of deliverables in Western Asia and Eastern Europe, 2021

Activities	2021
Advisory/assessment missions	0
National training events	0
Regional training events	2
Other activities	0
Trainees and Fellows	
Trainees in IMO-sponsored training events	47
Fellows (funded by IMO, in IMO global maritime training institutions)	2
Other fellows (funded by IMO and donors to other maritime training institutions)	2
Other	
Strategy officials	0

Chart 8: Activities and trainees in Western Asia and Eastern Europe, 2021



Latin America and Caribbean: regional overview 2021

48 In view of the challenges that the COVID-19 pandemic continued to pose during 2021, capacity-building activities in the region concentrated on the delivery of virtual activities, home-based consultancies and needs assessments with the support of IMO's regional partners, namely the Comisión Centroamericana de Transporte Marítimo (Central American Commission on Maritime Transport (COCATRAM)) and the Regional Activity Centre for Marine Pollution Emergency Information and Training for the Wider Caribbean Region (RAC/REMPEITC-Caribe).

49 A regional needs analysis conducted during 2020 identified four maritime safety and four marine environment priority areas for the Member States of the Latin America and Caribbean regions. These include search and rescue, the STCW Convention, the International Safety Management (ISM) Code and the FAL Convention; as well as the Greenhouse Gas (GHG) Strategy, the International Convention on Oil Pollution Preparedness, Response and Cooperation (OPRC), biofouling, and the London Convention and Protocol.

50 To address the maritime safety priorities, four thematic pilot programmes were initiated during 2021 for the COCATRAM Member States in Central America, with the intention to extend these programmes to ROCRAM and Caribbean Member States following evidence of their success. As such, 11 of the 14 activities delivered in Latin America were associated with these four pilot programmes, addressing the four maritime safety priorities, respectively.

51 Specifically, the development and implementation of the 'Action Plan for the Implementation of the Multilateral Agreement on the Coordination of Maritime Search and Rescue Services in Central America' was completed in March 2021. Following the development of the regional SAR plan and the update of the national SAR plans, a series of virtual regional and national training activities on the International Convention on Maritime Search and Rescue and the International Aeronautical and Maritime Search and Rescue Manual volumes II and III were held for COCATRAM Member States.

52 Through a regional needs assessment on the STCW Convention for ROCRAM-CA countries, information was obtained and analysed to prepare a first draft of the "Plan of Action for the Effective Implementation of the STCW Convention for the Central American Region".

53 IMO also delivered a virtual regional training course for both maritime administrations and companies on the ISM Code and carried out a needs assessment study on the implementation of measures to facilitate international maritime traffic in Central American countries, including their readiness to implement electronic data exchange.

54 To ensure IMO and Member States collectively follow up the effective implementation of the activities delivered under the four thematic programmes, a virtual workshop on 'Monitoring and follow-up of technical cooperation activities' was held with the Heads of Maritime Authorities of Central American countries at the end of 2021, to review the activities delivered to date, as well as provide Member States with the necessary knowledge and tools to improve their ability to monitor and follow up the outcomes of technical cooperation activities. The aim was to ensure maximum benefit and enhance compliance with international maritime rules and standards.

55 Additionally, in response to the seafarers' crisis caused by the pandemic, the regional webinar on the "Challenges faced by seafarers and identification of best practices during the COVID-19 pandemic in Latin America", held in March 2021, urged relevant stakeholders to make use of the best practice guidelines, including the new changes that were developed by IMO and supported by the United Nations Secretary-General.

56 The remaining three activities in the Latin America region, as well as an additional two activities in the Caribbean region, addressed the need for targeted training in oil spill contingency planning to enhance protection of the maritime environment, in support of the Dominican Republic, Grenada, Nicaragua, Panama, Anguilla, Saint Martin and Sint Maarten.

Table 6: Summary of deliverables in Latin America and Caribbean, 2021

Activities	Latin America	Caribbean
Advisory/assessment missions	2	0
National training events	4	1
Regional training events	5	1
Other activities	3	1
Trainees and Fellows		
Trainees in IMO-sponsored training events	378	48
Fellows (funded by IMO, in IMO global maritime training institutions)	4	7
Other fellows (funded by IMO and donors to other maritime training institutions)	7	22
Other		
Strategy officials	0	45

Chart 9: Activities and trainees in Latin America, 2021

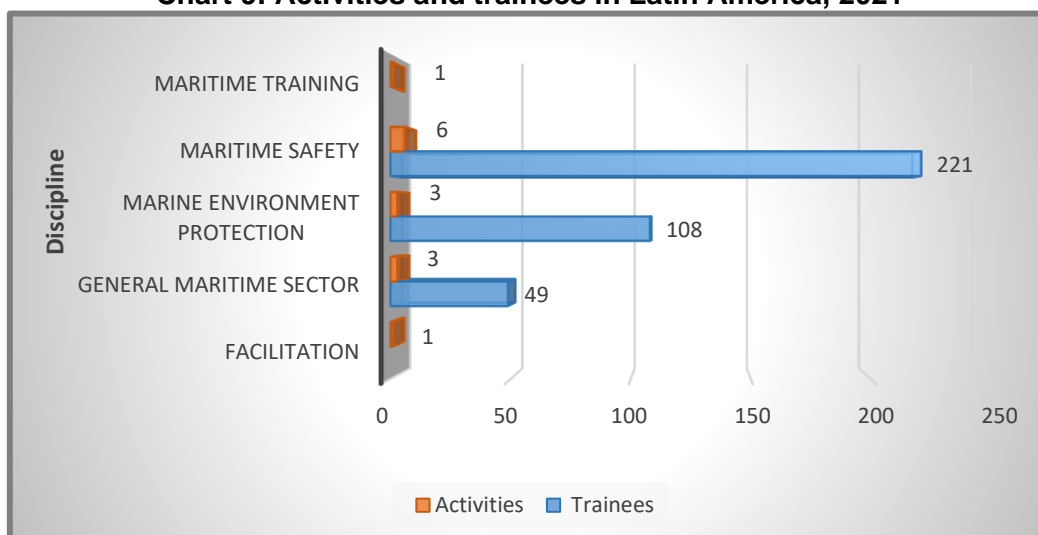
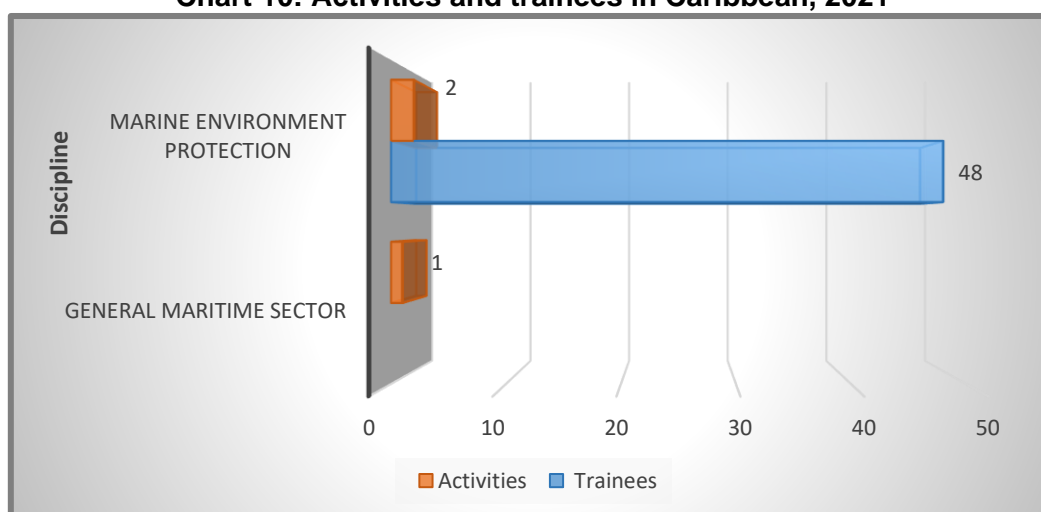


Chart 10: Activities and trainees in Caribbean, 2021



OVERVIEW OF GLOBAL PROGRAMMES FOR 2021

57 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 2021, the programme backstopped IMO support to the ongoing national and UN Inter-Agency contingency planning efforts in the event of a possible oil spill from **FSO SAFER** off the coast of Yemen, with a focus on promoting best practices and sharing lessons learned in responding to oil pollution incidents. Notably, the programme funded the development of FSO SAFER-specific contingency planning support documentation.

58 Through the **global programme in support of small island developing States and the least developed countries**, the Organization continued to provide technical assistance for their special shipping needs. Fellowships were funded for selected experts from SIDS and LDCs to attend online training courses delivered by IMLI. Representatives from SIDS and LDCs were also supported to attend virtual training courses on the protection of the marine environment and ocean governance, and on the international maritime security law.

59 A workshop on the FAL Convention was also delivered specifically for one LDC in Africa to update governmental officials on the critical economic importance of the facilitation of international maritime traffic, and were encouraged to initiate the process for ratification of the FAL Convention through national legislation.

60 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 seventeenth training course on 'Women in Port Management' conducted by IPER/HAROPA Port in collaboration with IMO. Fellowships were awarded to 26 Francophone female maritime managers and port officials to participate in the two-week programme.

61 In keeping with the support to Women Associations in Maritime, IMO supported the Association for Women in the Maritime Sector in Eastern and Southern Africa (WOMESA) to review and update its constitution and strategic plan (2021-2025) in order to enhance the operational capacity and effectiveness of the association in the discharge of its responsibilities in Eastern and Southern Africa. Furthermore, IMO supported WOMESA in the areas of mentorship and schools outreach programme, including strengthening WOMESA's membership and sustainability and facilitated its arrangements on networking and partnerships with the Women's International Shipping and Trading Association (WISTA) and other relevant stakeholders.

62 IMO also participated in the inauguration and launch of the first regional conference of the Association of Women in Maritime of West and Central Africa (WIMOWCA), furthering IMO's gender programme to ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life.

63 Lastly, the programme supported and funded 35 women officials from across the world to participate in an online Port Senior Management programme organized by the Galilee International Management Institute (GIMI) in November 2021. Also, 11 female participants from developing countries were sponsored to participate in the Women Offshore Virtual Conference.

64 The **Capacity-building and Training programme** continues to reinforce national and regional maritime capacities through human resources development. In 2021, it funded fellowships for maritime specialists to follow post-graduate studies at WMU and IMLI (TC 72/10(a) and TC 72/10(b), respectively) and to attend short- and medium-term courses at other training institutions (TC 72/10(c)). The programme also provided support related to the governance of WMU and IMLI, and supported 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 was also provided to review and update the Maritime Transport Policy programme training material, following which its translation into French and Spanish languages was initiated and covered by the cited programme. Support costs for three Junior Professional Officers (JPOs) recruited under the gratis modality scheme were also supported under the programme.

66 The global programme on the **Enhancement of Maritime Security** continued to focus on targeted assistance, directly in response to requests by SOLAS Contracting Governments, 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.

67 A total of three activities in 2021, and an additional six sub-activities were delivered by the Secretariat and/or co-delivered with development partners for the Designated Authority, port and ship security officials, managers and other related personnel, especially designed to review and enhance the implementation of effective maritime security measures.

68 In partnership with the IMO Gender Programme, 20 female candidates from SIDS and LDCs attended a virtual Maritime and Port Security course delivered by the Galilee International Management Institute (GIMI) in Nahalal, Israel. The training focused on key instruments including the maritime security measures in SOLAS chapter XI-2 and the ISPS Code, and the International Labour Organization (ILO)/IMO Code of practice on security in ports. Topics included the implementation of port facility security assessments, and the development of port security plans and procedures.

69 The Secretariat completed its support to the Organization of American States (OAS) and Regional Security System led project in the Eastern Caribbean to develop seven national and one regional maritime security strategies, having delivered six workshops which developed the first comprehensive National Maritime Security Risk Registers in the region (a critical component of strategy development) and providing expert project management support. Lessons learned from the project have been incorporated into the IMO model on the Whole of Government Approach to Maritime Security (the development of National Maritime Security Committees, Risk Registers and Strategies).

70 The programme has continued to significantly expand the range of training offered to Member States to target both national maritime security governance frameworks and port and ship level security. This includes further enhancements to the training available under the IMO model on the Whole of Government Approach to Maritime Security, including a new overview workshop, and an innovative one-and-a-half-day tabletop exercise simulating how a National Maritime Security Committee and sub-committees should work together to develop new maritime security initiatives to address security vulnerabilities across all aspects of the maritime domain. A new project has also started to develop a comprehensive suite of Maritime Domain Awareness (MDA) training material, which will target all levels from operational

response, the establishment and effective operation of National Maritime Information Sharing Centres (NMISCs) and regional and international agreements on data sharing. Finally new training has been developed on Passenger and Baggage screening and search, and on Designated Authority ISPS Code inspection and audit regimes.

71 The implementation of the **Djibouti Code of Conduct programme** continued to support Member States in the Western Indian Ocean and the Gulf of Aden to build capacity to counter piracy and other threats to maritime security. Building on the experience and success in countering piracy and armed robbery against ships in the region, signatory States to 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 Area have established a new governance structure to promote the implementation of provisions of the Code. It comprises a steering committee as well as a working group on information sharing, and a working group on capacity-building. This will ensure better coordination of capacity-building through concerted efforts to promote utilization of synergies, avoidance of duplication and better collaboration with donors and implementing partners, leading to a more efficient response to the range of maritime security threats in the region.

72 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.

73 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.

74 Additionally, thanks to a contribution from the Republic of Korea to the IMO WCA Maritime Security Trust Fund, IMO is implementing the installation of a High Frequency (HF) 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.

75 Within the framework of the IMO-WMU E-Learning Pilot Project, the global programme on the IMO **Member State Audit Scheme** continued to support the development of an online e-learning IMSAS auditors training course. The aim of this course is to provide instant access to distance learning for auditors.

76 Under the **Maritime Development and Blue Economy global programme**, technical assistance provided across the board in the alignment and mainstreaming of the Sustainable Development Goals (SDGs) into national development plans and programmes, continued to receive due attention in spite of the disruptions occasioned by the COVID-19 pandemic.

77 The global programme supported IMO's participation at the United Nations Climate Change Conference (COP 26), held in Glasgow, United Kingdom, and included the hosting of a side event titled "IMO's commitment to decarbonize shipping through concerted international action".

78 The programme supported virtual roundtable sessions of Regional Coordinating Organizations (RCOs) on the development of regional strategies for biofouling management under the title "Gap analysis on the status of biofouling management at the regional level and development of a template for regional strategies and action plans on biofouling management".

79 The social media campaign to promote the 2021 Day of the Seafarer under the official hashtag #FairFuture4Seafarers and other activities, received adequate support. The campaign generated a lot of traction online, reaching more than 50 million people via social media and resulting in over 1,435 articles online in 59 countries. Seafarers were also invited to take part in online polls about a fair future for seafarers. The Secretary-General's video message was viewed more than 150,000 times. Posters, GIF animations and other promotional materials were downloaded and used globally to share IMO's key messages.

80 Support was provided to the virtual International Oil Spill Conference (IOSC) – 2021. The Organization facilitated the inclusion of attendees from the participating countries, namely Brazil, Curaçao, Panama and Solomon Islands under the conference's scholarship programme. Participants enhanced their 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. Information was also exchanged among participating countries on oil spill response.

81 Facilitation was provided for two train-the-trainer workshops for seafarers on ships operating in Polar waters. Instructors from maritime education and training institutions who are 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. The workshop was modified from its original format to enable remote delivery using video conferencing and e-Learning. Participating countries in the first workshop included France, Lithuania, Poland, the Russian Federation and Sweden, while Indonesia, Japan, New Zealand, the Philippines, the Republic of Korea and Singapore participated in the second workshop.

82 Preparatory activities related to the celebration of the 2021 World Maritime Day and subsequent events, and the production of promotional materials related to IMO's work on the SDGs and the Blue Economy, were also supported through this global programme.

83 Finally, the programme supported the new version of the IMO Compendium approved by FAL 46 with five additional data sets and the improvement of the IMO Compendium reporting and user-friendliness. The IMO Compendium is now available in HTML format and in downloadable Excel version, from the following link: [IMO Compendium](#)

84 The programme on the **Promotion of the London Protocol (LP)** provides technical assistance to developing countries (including prospective LP parties) related to LP. In 2021, the activities continued to target accession to, and implementation of, 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 continuing work of the GESAMP Working Group 41.

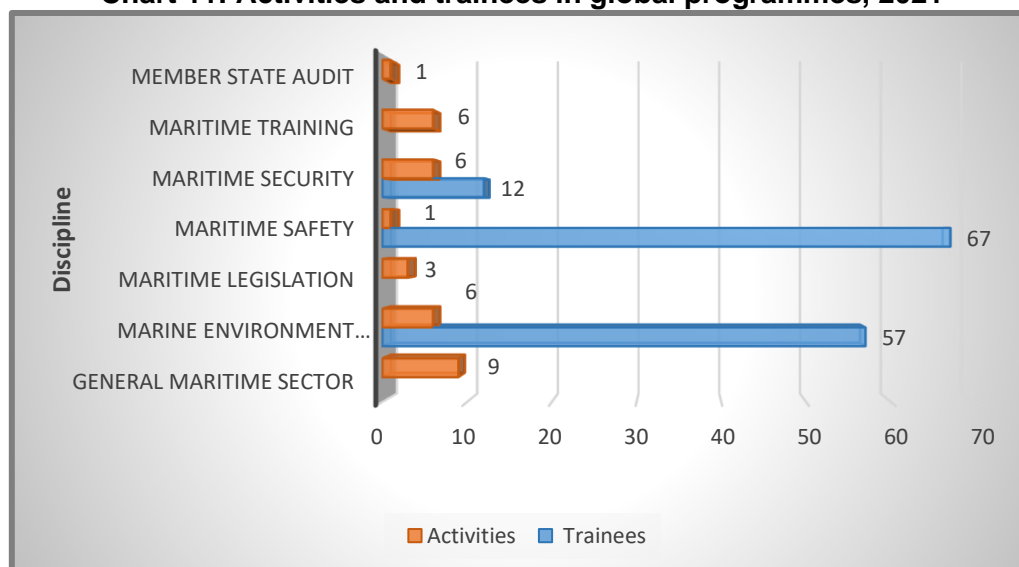
85 The **IMO Model Courses** programme, which is now managed outside the framework of ITCP, provides a framework for the development of new, and the revision of existing IMO model courses, and for managing the production, translation, editing and printing of these courses. However, no IMO model courses were validated in 2021 due to the circumstances of COVID-19, and consequently, no publication and translation of model courses was made in 2021. To facilitate validation of the pending model courses, three virtual drafting groups,

which will take place in 2022, will consider 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 fire fighting"; 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" with a view to validation in 2023.

Table 7: Summary of deliverables in global activities⁵, 2021

Activities	2021
Advisory/assessment missions	4
National training events	0
Regional training events	3
Other activities	25
Trainees and Fellows	
Trainees in IMO-sponsored training events	136
Fellows (funded by IMO, in IMO global maritime training institutions)	n/a
Other fellows	n/a
Other	
Strategy officials	19

Chart 11: Activities and trainees in global programmes, 2021



Summary of all programmes

86 The activities delivered under all ITCP regional and global programmes during 2021 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.

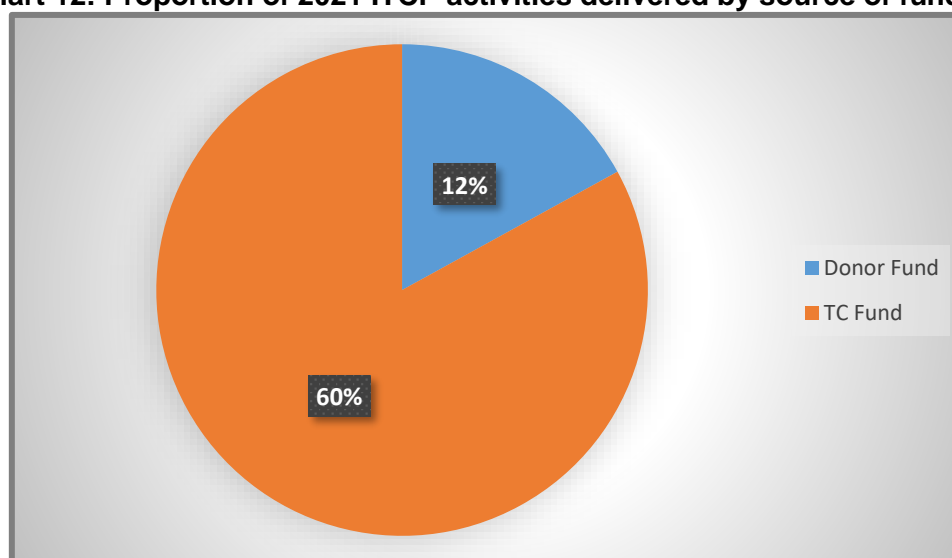
⁵ As far as possible, the participants of activities under the global programmes have been disaggregated into the beneficiary regions and have thus been included under the regional tables in the preceding paragraphs. In the case where participation in an activity comprised participants from more than one region, these activities have been categorized under the global category. This includes the recipients of fellowships, which are represented in the region overviews and thus do not appear in table 7.

Table 8: Summary of deliverables in all regional and global programmes, 2021

Activities	Africa	Arab States/ Med	Asia	Pacific Islands	WA/EE	Latin America	Caribbean	Global	Total
Advisory/assessment missions	2					2		4	8
National training events	5	3	3	3		4	1		19
Regional training events	6	2	4	2	2	5	1	3	25
Other activities	5	2	7	7		3	1	25	50
Trainees/Fellows									
Trainees (in IMO-sponsored training events)	334	232	216	201	47	378	48	136	1592
Fellows (funded by IMO, in IMO global maritime training institutions)	40	7	17	5	2	4	7	n/a	82
Other fellows	56	8	19	20	2	7	22	n/a	134
Other									
Strategy officials	174			120			45	19	358

87 As detailed further in annex 2, the activities under ITCP are financed through a combination of the TC Fund and donor funding. The table showing the full list of activities programmed in 2021 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 (column marked "Yes") or whether it was fully funded by donors (column marked "No"). Where a cell is left blank, the activity was postponed or cancelled. Chart 12 below shows the proportion of activities financed in part or in full by the TC Fund, and those which were fully donor funded.

Chart 12: Proportion of 2021 ITCP activities delivered by source of funding



Thematic long-term projects

88 In addition to the regional and global programmes under ITCP, IMO's technical cooperation programme for 2021 included a number of thematic long-term projects aimed at improving the protection of the marine environment, which operate using external funds obtained under IMO's resource mobilization strategy.

89 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 needs of developing countries, in particular SIDS and LDCs.

90 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.

91 In the marine environment protection long-term projects, IMO partners with the private sector, as it has vast resources that are key to the solution of the world's environmental problems. IMO's innovative financing model of public-private partnerships within the Global Industry Alliance (GIA) and the Global Initiative (GI) continues to serve as a model in the maritime sector, as it addresses various marine environmental issues in new ways through technology development, training and capacity-building activities via a cost-sharing approach.

92 The **Blue Solutions preparatory project** is a new project signed on 1 April 2021, in which IMO has partnered with the Partnerships in Environmental Management for the Seas of East Asia (PEMSEA) to undertake the preparatory project and to develop a full project proposal to reduce maritime transport emissions in East and Southeast Asian countries with the funding support of the International Climate Initiative (IKI) of Germany (€385,000). The full-size project, if approved, will likely start in 2023 and will target the reduction of GHG and other pollutant emissions from ships, ports, and from hinterland transport through energy efficiency improvements, optimized processes and innovative technologies (blue solutions).

93 The **GHG SMART (Sustainable Maritime Transport Training Programme to Support the Implementation of the GHG Strategy) Programme** is also a new long-term training programme, funded by the Republic of Korea (\$2.5 million), to support the implementation of the Initial IMO GHG Strategy by building sufficient capacity, especially among SIDS and LDCs. During 2021, the Programme prepared its first training workshop which was held in January 2022 with participants from SIDS and LDCs, alongside international experts and renowned speakers in the field of maritime decarbonization.

94 The **Global Maritime Technology Cooperation Centre Network (GMN) Project** is funded by the European Union (EU) (\$11 million) and implemented by IMO. The project promotes technologies and operations to improve energy efficiency in the maritime sector and help navigate shipping into a low-carbon future.

95 During 2021, the Network completed a range of pilot projects including technology demonstration projects. Tangible results have already been observed, for example in port energy audits, establishing technology baselines, developing models for trim optimization and retrofitting of domestic ships for better energy efficiency. The Maritime Technology Cooperation Centres (MTCCs) engaged with over a hundred participating countries in five

developing regions, resulting in more than 3,000 participants across 70 maritime energy efficiency workshops to date. Furthermore, the MTCCs worked with over 2,000 participating ships to deliver sets of fuel oil consumption data, which can help inform and support energy efficiency improvement. Building such regional capacity within respective MTCCs has now resulted in a number of donors and partners interested in utilizing this global institutional framework and network to deliver technical assistance programmes and technology demonstration projects in the maritime field.

96 The **IMO-FAO GloLitter Partnerships**, funded by Norway (\$4.5 million), is a project between the Government of Norway, IMO and the Food and Agriculture Organization (FAO) aiming to reduce marine plastic litter from sea-based sources. The global project continues to support developing countries, including SIDS and LDCs, in identifying opportunities for the prevention and reduction of marine litter. It is envisaged to be a co-financing project, and Australia and Saudi Arabia have already contributed additional funds.

97 During 2021, the project selected the 30 participating countries, 10 of which are lead partner countries (LPCs) and 20 of which are partner countries (PCs). The National Action Plans were started with the aim to partner the LPCs with the PCs in their region according to their priority needs. Various knowledge products were developed together with FAO on the management of sea-based litter.

98 The **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).

99 During 2021, the project showcased close interlinkages between maritime GHG reduction potential and protection of marine biodiversity through implementation of the IMO Biofouling Guidelines as state-of-the-art management of biofouling will result in significant fuel efficiency gains, in addition to minimizing the transfer of invasive aquatic species to local marine environments. The project is undertaking a study, which is under its final review, to quantify fuel consumption savings resulting from biofouling management measures and highlight their role in the overall reduction of GHG emissions in the short term.

100 Considering that biofouling affects all maritime industries, GloFouling has actively promoted best practices in other sectors. Most recently, and prior to the launch of a report on recommendations specifically for the recreational boating sector, a series of workshops to promote biofouling solutions were held during the international boat shows at Southampton, Genoa, Barcelona and Amsterdam.

101 The IMO-Norway **GreenVoyage2050 Project** is funded by the Government of Norway (\$7.5 million). Building upon the experience of the earlier GEF-UNDP-IMO Global Maritime Energy Efficiency Partnerships (GloMEEP) project's most successful activities, this project is supporting countries to undertake assessments of maritime emissions in the national context, develop policy frameworks and National Action Plans (NAPs) to address GHG emissions from ships, and draft legislation to implement MARPOL Annex VI into national law, with a view to supporting the implementation of the Initial IMO GHG Strategy.

102 During 2021, the project developed and delivered a new workshop package on Alternative Fuels and Energy Carriers for Shipping, providing an overview of the various alternative fuel options for the maritime sector. The workshop package is available to download from the GreenVoyage2050 Project website. The Project also released a new publication outlining measures which can be taken in the ship-port interface to reduce emissions (Ship-Port Interface Guide) and is working on developing a web-based version of the Guide.

The Project initiated the revision of guidance for the development of NAPs, with dedicated training events for partnering countries scheduled to be take place in 2022. The Project initiated work on pilot demonstration projects to reduce emissions from shipping, through the convening of stakeholder roundtables to identify feasible project opportunities to explore and develop further. Several SIDS across the globe are participating in the project, supported by strategic partners from the private sector, who contribute expertise and experience through the project's Global Industry Alliance to Support Low Carbon Shipping.

103 The **IMO-EBRD-World Bank co-lead Financing Sustainable Maritime Transport (FIN-SMART) Roundtable**, launched in 2020, has been providing a platform between Member State representatives, International Financial Institutions (IFIs), representatives of private banks, and other key maritime stakeholders to identify maritime decarbonization investment risks, opportunities and potential financial solutions, with a special emphasis on financing needs and options in developing countries, particularly SIDS and LDCs. During 2021, two high-level and two technical level meetings were held by FINSMART, resulting in an analysis of maritime decarbonization financial tools (both ship and port investment), highlighting specific needs of developing countries. The second high-level meeting of FINSMART under the auspices of the Innovation Forum 2021 resulted in key recommendations on usage of potential financial tools to support maritime decarbonization.

104 The **MEPSEAS Project – Phase II** is funded by the Norwegian Agency for Development Cooperation (Norad) (\$1.85 million), aiming to protect the marine environment from the negative effects of ships and shipping by working in conjunction with seven developing countries in South-East Asia. The project has greatly strengthened cooperation between ASEAN countries on implementation of IMO instruments related to oceans matters and marine environmental protection. During 2021, an Extraordinary High-Level Regional Meeting was held to support ownership and high-level cooperation on regional implementation of IMO instruments. The Project also developed a Best Practice Document on Compliance Monitoring and Enforcement (CME) of IMO Environmental Conventions, providing tools to beneficiary countries to enforce the implementation of marine environment-specific IMO Conventions. Based on this, a regional workshop and a national workshop were held during 2021 to strengthen regional and national understanding on Compliance Monitoring and Enforcement and build national expertise in this area. The outcome of the workshops was the National Guidance Documents, which have been developed using local talents and expertise on CME. The Tokyo MoU Secretariat has been a strategic partner and major contributor to the CME phase of the project and held expert missions virtually in 2021. During 2021, participating countries also prepared to carry out PSC and FSI procedures during the second half of 2022.

105 The **NextGEN** (where "GEN" stands for "Green and Efficient Navigation") portal was launched by IMO and the Maritime and Port Authority of Singapore in September 2021. The concept aims to facilitate information sharing and collaboration on decarbonization initiatives and projects in the field of maritime, presenting an opportunity to provide an online platform of collaboration across the maritime value chain. The online portal aims to facilitate information sharing among stakeholders, identify opportunities for and gaps in maritime decarbonization, and build networks and platforms for collaboration.

106 The **SENSREC Phase II (Safe and Environmentally Sound Ship Recycling in Bangladesh) project** is a follow up of the SENSREC Phase I project, with funding from the Norwegian Ministry of Foreign Affairs (\$1.5 million). The project focuses on building the capacities of the Government of Bangladesh to develop a legal and institutional reform roadmap towards its accession to and its effective implementation of the Hong Kong Convention (HKC). The project also focuses on training a variety of stakeholders using a newly developed training system.

107 During 2021, due to the challenges of the pandemic, the project focused on seeking new ways of implementation, such as virtual training and activities, potential budget reallocation and project extension. Despite the challenges, Phase II completed the training of 700 ship recycling workers and 200 trainers as well as the delivery of a database where trained ship recycling workers would be registered. Although SENSREC Phase II was due to close in July 2021, the Project Evaluation determined more could be done with the remaining funds to increase training capacity in relation to the database and, with a request from the Government of Bangladesh, to increase the participation of women in the sector. SENSREC Phase II was therefore extended until July 2022 to achieve the additional activities.

108 On 24 July 2020, IMO commissioned the Norway-funded (\$1.3 million) **SENSREC Phase III** which focuses on providing technical assistance for the implementation of the Government of Bangladesh-led infrastructure project on building a Treatment, Storage and Disposal Facility for hazardous waste resulting from ship recycling operations, and will build associated capacity and continue to deliver ship recycling yard worker training.

109 Owing to the pandemic and phase II being extended until July 2022, phase III implementation activities were delayed until 2022. However, in advance of the implementation activities, the necessary administration preparatory work was undertaken, which included arranging the financing for the Treatment, Storage and Disposal Facility. The implementation phase is due to commence in May 2022.

In-kind support for the delivery of ITCP

110 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 2021, 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.

111 In addition to the aforementioned provision of facilities, the following in-kind support contributed significantly to the delivery of the programmes of ITCP during 2021.

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, Fiji, Hong Kong China, India, Indonesia, Kiribati, New Zealand, Philippines, Republic of Korea, Samoa, Singapore, Spain, Thailand, Tonga, IALA, ICS, ILO, InterManager, IOPC Funds, ITF, ITOPF, SPC, SPREP, P&I Clubs, UNESCAP, UN DCO and WHO
Logistical arrangements, administrative support and co-organization , provided by:	Australia, New Zealand, COCATRAM, IALA, RAC/REMPEITC-Caribe, SPC, SPREP and UNESCAP
Catering , provided by:	-
Financial assistance and funding for participants , provided by:	-
Cost-sharing, including travel and accommodation , provided by:	-
Translation and interpretation services , provided by:	-
Additional in-kind support provided by:	<p>Administrative support for the Regional Presence Offices in Côte d'Ivoire, Ghana and Kenya;</p> <p>Office space for the Regional Presence Office in Côte d'Ivoire;</p> <p>Administrative support and office facilities for the Regional Presence Office in the Philippines and by SPC for the Regional Presence Office in Fiji.</p>

**APPENDIX
Planned ITCP Activities for 2021**

Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Regional Programmes										
Programme for Support to maritime development, Africa										
National workshop on the implementation of the STCW Convention, 1978, as amended	Completed	August	Virtual	This workshop provided an excellent platform and opportunity for GMA and RMU officials to freely discuss the current system of education, training, and certification of seafarers in place in Ghana, to review the status of procedures and processes for seafarers training, assessment, and certification under the purview of GMA and the education and training being conducted by RMU.	Ghana	18			Maritime safety	Yes
Regional workshop on Port State Control regime	Completed	September	Virtual	Enhanced understanding of IMO conventions and how they need to be implemented and enforced in national legislation.	Cabo Verde, Equatorial Guinea, Gambia, Ghana, Guinea-Bissau, Liberia, Nigeria, Sao Tome and Principe, Sierra Leone	29			Maritime safety	Yes
Sub-regional workshop on general principles of drafting national legislation to implement IMO conventions	Cancelled		Accra, Ghana		Cabo Verde, Guinea-Bissau, Sao Tome and Principe				N/A	
Sub-regional training on assessment and certification of Seafarers under the STCW 1978, as amended	Completed	October	Virtual	Effective implementation of the STCW Convention by maritime Administrations and maritime training institutions. Maritime training institutions personnel were trained in the effective delivery of training programs for the seafarers.	Ethiopia, Kenya, Mauritius, Mozambique, Namibia, Seychelles, South Africa, United Republic of Tanzania	35			Maritime safety	Yes
Provision of IMO Publications to selected maritime training institutes	Completed	December		IMO publications provided to several Maritime Institutes in the region.					General maritime sector	Yes
National seminar on Facilitation of the International Maritime Traffic	Postponed		Cape Town, South Africa		South Africa				N/A	Yes
National workshop on implementation and enforcement of MARPOL Annexes I-V	Ongoing		Mombasa, Kenya		Kenya				N/A	Yes
National workshop on Particularly Sensitive Sea Areas (PSSA)	Cancelled		Cape Town, South Africa		South Africa				N/A	
Regional workshop on sustainable governance of the ocean	Cancelled		Port Louis, Mauritius		Angola, Comoros, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, Somalia, South Africa, United Republic of Tanzania				N/A	
Regional Webinar on the ratification and implementation of the 2012 Cape Town Agreement	Completed	February	Virtual	Advocated early acceptance/ratification and/or effective implementation of the 2012 Cape Town Agreement amongst the participating countries within the Africa, Arab States and Mediterranean Region, with a view to ratifying the entry-into-force of the Agreement by the tenth anniversary date of the adoption of the Agreement, i.e. 11 October 2022.	Benin, Burkina Faso, Cabo Verde, Cameroon, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Ethiopia, Gabon, Ghana, Guinea, Kenya, Liberia, Mauritania, Mauritius, Mozambique, Namibia, Niger, Sao Tome and Principe, Senegal, Seychelles, South Africa, Togo, Uganda	97			Maritime safety	Yes
National workshop on oil spill contingency planning	Cancelled		Port Louis, Mauritius		Mauritius				N/A	

**APPENDIX
Planned ITCP Activities for 2021**

Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for Support to maritime development, Africa - continued										
Homebased guidance to Cabo Verde for the implementation of Corrective Action Plan addressing the findings and observations of the country's audit under IMSAS	Completed	July	Homebased, Cabo Verde	Provision of guidance has been given to the host country on the implementation of the Corrective Action Plan.	Cabo Verde				Maritime legislation	Yes
Homebased technical assistance on legal guidance/advisory on matters relating MV DEIMOS	Cancelled		Homebased, Cabo Verde		Cabo Verde				N/A	
SAR Organization and Management training (IAMSAR Vol I) for Ghana	Completed	October	Virtual	Activity implemented by IMRF in collaboration with IMO. Trainees' competency and confidence on SAR matters has been increased.	Ghana	15			Maritime safety	Yes
On scene coordinators national training course (IAMSAR Vol.III) including SAR Basics	Cancelled		Virtual		Ghana				N/A	
Phase 1 - Support to development of a PCS for Nigeria ports: PCS Awareness Raising and Key Aspect	Completed	November	Virtual	Participants were familiarized with a general understanding of what a PCS is, and interlinkages with SW and FAL relevant standards among key stakeholders. Focal points from each organisation or groups of organisations for the future PCS discussions have been identified as well as high-level challenges and opportunities facing the development of a PCS. Next steps for PCS development has been proposed.	Nigeria	78			Maritime safety	Yes
National follow up training course/workshop on maritime accident and incident investigation	Cancelled		Mahe, Seychelles		Seychelles				N/A	
National workshop on contingency planning for oil spill preparedness and response	Postponed		Sao Tome, Sao Tome and Principe		Sao Tome and Principe				N/A	Yes
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	Postponed		Lagos, Nigeria		Nigeria				N/A	Yes
Search and rescue needs assessment mission	Cancelled		Kinshasa, Democratic Republic of the Congo		Democratic Republic of the Congo				N/A	
Regional FSI and PSC course at the Interregional institute of maritime safety and security (ISMI)	Completed	July	Virtual	Enhanced capacity of the maritime administrations to implement and enforce IMO instruments.	Benin, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Mauritania, Senegal, Togo	27			Maritime safety	Yes
National training course on maritime accident and incident investigation	Cancelled		Nouakchott, Mauritania		Mauritania				N/A	
Subregional workshop on the London Protocol	Cancelled		Dakar, Senegal		Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mali, Mauritania, Niger, Senegal, Togo				N/A	

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for Support to maritime development, Africa - continued										
National workshop on implementation and enforcement of MARPOL Annex V and port reception facilities	Cancelled		Antananarivo, Madagascar		Madagascar				N/A	
Regional workshop on ratification and effective implementation of MARPOL Annex VI and IMO data collection system for fuel consumption	Cancelled		Abidjan, Côte d'Ivoire		Benin, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mauritania, Senegal, Togo				N/A	
IMO support to the GI WACAF regional conference on oil spill preparedness and response	Cancelled				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	
Translation of the training course materials on biofouling management - French	Completed	September	London, United Kingdom	Training materials translated into French for the delivery of the training course 'Introduction to Marine Biofouling: Impacts and Management of Risks'. Enhanced capacity building and wider access to the training materials in French-speaking countries.					Marine environment protection	Yes
Translation of the training course materials on biofouling management - Arabic	Completed	September	Virtual, United Kingdom	Training materials translated into Arabic for the delivery of the training course 'Introduction to Marine Biofouling: Impacts and Management of Risks'. Enhanced capacity building and wider access to the training materials in Arabic-speaking countries.					Marine environment protection	Yes
National training course on the carriage and handling of dangerous goods (IMDG and IMSBC Codes)	Cancelled		Moroni, Comoros		Comoros				N/A	
National workshop on implementation of the STCW Convention, 1978, as amended	Completed	December	Virtual	Effective implementation of the STCW Convention by maritime administration and maritime training institution. Maritime training institutions personnel were trained in the effective delivery of training programs for the seafarers.	Mauritania	35			Maritime safety	No
Subregional workshop on the development on an agreement for oil spill preparedness and response in Central Africa	Completed	July	Kinshasa, Democratic Republic of the Congo	Enhanced knowledge and understanding on the effective implementation of the OPRC Convention, particularly article 10 relating to the promotion of bilateral and multilateral cooperation in preparedness and response; and development of an action plan to establish a sub-regional oil spill preparedness and response agreement between these three countries, in addition to a discussion on the further extension to other neighbouring countries.	Angola, Congo, Democratic Republic of the Congo				Marine environment protection	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Arab States and Mediterranean										
National webinar on FSI and PSC responsibilities	Completed	November	Virtual	Participants received adequate training to enable them to carry out the various types of inspection and verification as required by the relevant IMO instruments.	Morocco	25			Maritime safety	Yes
National workshop on implementation and enforcement of MARPOL, particularly Annex V and Annex VI	Completed	August	Djibouti City, Djibouti	National capacity built that will enhance the effective implementation and enforcement of MARPOL Annex V, notably the provision of port reception facilities, and support future ratification of MARPOL Annex VI.	Djibouti	31			Marine environment protection	Yes
Regional awareness workshop on the carriage and safe handling of dangerous goods and solid bulk cargoes (IMDG & IMSBC Codes)	Cancelled		Alexandria, Egypt		Algeria, Bahrain, Cyprus, Djibouti, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Malta, Morocco, Oman, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, Tunisia, Türkiye, Yemen				N/A	
Regional webinar to promote the ratification and effective implementation of the FAL Convention	Completed	November	Virtual	Participants awareness increased on the FAL Convention. Participants gained a better understanding of the concept of the Single Window, and of the electronic data processing and interchange techniques for the clearance of ships, persons and cargoes.	Bahrain, Djibouti, Egypt, Israel, Jordan, Libya, Saudi Arabia, United Arab Emirates	126			Facilitation	Yes
National webinar on marine casualty and incident investigation	Cancelled		Virtual		Sudan				N/A	
Advisory mission and national seminar on ratification and effective implementation of the STCW Convention, 1978, as amended	Cancelled		Port Sudan, Sudan		Sudan				N/A	
Regional webinar on UN Sustainable Development Cooperation Framework	Cancelled		Virtual		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	
Regional workshop on the Ballast Water Management Convention	Cancelled		Valletta, Malta		Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Monaco, Montenegro, Morocco, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye				N/A	
Development of a national ballast water management strategy for Morocco	Completed	September	Homebased, Multiple	Draft national BWM strategy prepared for Morocco.	Morocco				Marine environment protection	Yes
Subregional webinar on compensation for oil pollution damage	Postponed		Virtual		Algeria, Morocco, Tunisia				N/A	Yes
Regional workshop on biofouling management and invasive aquatic species	Postponed		Egypt		Djibouti, Egypt, Jordan, Saudi Arabia, Sudan, Yemen				N/A	Yes
Regional webinar on the ratification and implementation of the 2012 Cape Town Agreement	Completed	April	Virtual	Participants raised their awareness of the early acceptance/ratification and/or effective implementation of the 2012 Cape Town Agreement, with a view to ratifying the entry-into-force of the Agreement by the tenth anniversary date of the adoption of the Agreement, i.e. 11 October 2022.	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	38			Maritime safety	Yes
FSO-SAFER Contingency planning - in country workshop	Ongoing		Aden, Yemen		Yemen				N/A	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Arab States and Mediterranean - continued										
Provision of IMO publications to maritime training institutes in the region	Cancelled				Algeria, Djibouti, Egypt, Iraq, Jordan, Morocco, Tunisia				N/A	
Regional meeting of national experts on prevention of and response to marine pollution from ships in the Mediterranean Sea	Completed	December	Malta	Draft Post-2021 Mediterranean Strategy for Prevention of and Response to Marine Pollution from Ships and Input to the ITCP on emerging issues relating to sustainable development and achievement of the SDGs.	Albania, Algeria, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Monaco, Montenegro, Morocco, Slovenia, Spain, Syrian Arab Republic, Tunisia, Türkiye				Marine environment protection	Yes
Training of supervisors and experts to oversee the clean-up operations and waste collection resulting from a pollution incident in Lebanon	Completed	June	Virtual	Enhanced knowledge of participants on key technical aspects of oil spill clean-up and waste management, and provided concrete understanding and practical expertise of response strategies, techniques and equipment.	Lebanon	12			Marine environment protection	Yes
Subregional workshop on the use of the RETOS for the assessment of the level of oil spill response planning and readiness management	Completed	November	Virtual	Participants trained on oil spill preparedness and contingency planning, as well as developing hands-on working knowledge of the use, and advantages of the ARPEL Manual and Readiness Evaluation Tool for Oil Spills (RETOS™) in analyzing and identifying gaps in their respective national oil spill preparedness and response programmes.	Albania, Bosnia and Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Israel, Lebanon, Libya, Monaco, Montenegro, Slovenia, Syrian Arab Republic, Türkiye	57			Marine environment protection	Yes
Programme for support to maritime development, Asia										
Study to address safety and energy efficiency of domestic passenger ships in the Philippines	Ongoing		Virtual		Philippines				N/A	Yes
Regional virtual train-the-trainers (TTT) workshop on marine casualty investigation (MCI)	Completed	October	Virtual	Participating countries provided with necessary knowledge on critical focus areas for designing training programmes on marine casualty Investigation in a Train-the-Trainer (TTT) context as well as to support the future development of E-Learning activities.	Bangladesh, Democratic People's Republic of Korea, Islamic Republic of Iran, Maldives, Pakistan, Singapore, Sri Lanka	17			Maritime safety	Yes
Regional webinar on the ratification and implementation of the 2012 Cape Town Agreement	Completed	October	Virtual	Advocate early acceptance/ratification and/or effective implementation of the 2012 Cape Town Agreement amongst the participating countries within the Asia region, with a view to ratifying the entry-into-force of the Agreement by the tenth anniversary date of the adoption of the Agreement on 11 October 2022.	Bangladesh, Brunei Darussalam, Cambodia, Canada, China, Democratic People's Republic of Korea, French Polynesia, Germany, India, Indonesia, Malaysia, Maldives, Myanmar, Nepal, Philippines, Republic of Korea, United States, VietNam	92			Maritime safety	Yes
Regional workshop on biofouling management and invasive aquatic species	Postponed		Manila, Philippines		Cambodia, Indonesia, Lao People's Democratic Republic, Timor-Leste, Philippines, Thailand, Viet Nam				N/A	Yes
National workshop on the London Protocol	Cancelled		India		India				N/A	
National workshop on Particularly Sensitive Sea Areas (PSSAs)	Cancelled		Sri Lanka		Sri Lanka				N/A	
National workshop on the implementation of the STCW Convention (phase 1): virtual review and scoping exercise	Completed	April	Virtual	Areas which required further development identified through interactive workshop and specific work plan agreed to address urgent needs relating to the implementation of the STCW Convention and the Code.	Philippines	31			Maritime safety	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Asia - continued										
Provision of publications	Completed	December	Latipur, Nepal	Capacity building of the maritime administration of Nepal through the provision of IMO publications.	Nepal				General maritime sector	Yes
IMO's participation in ASEAN Maritime Transport Working Group	Completed	March	Virtual	IMO's attendance at the ASEAN MTWG in which the Maritime Transport Agenda of the Kuala Lumpur Strategic Plan was discussed and the corresponding needs of Member States through the ITCP were addressed. Additionally, the impact of COVID-19 in the seafarers crisis was added to the agenda for the years to come.					General maritime sector	Yes
IMO participation in Intersessional discussion of the ASEAN MTWG on COVID-19: Responses of ASEAN Member States to seafarers' access to crew change, repatriation and national vaccination programmes	Completed	May	Virtual	IMO's attendance at the Intersessional session of the ASEAN MTWG in which recommendations of the intersessional discussion on COVID 19 - responses of ASEAN Member States to seafarers' access to crew change, repatriation, and national vaccination programs were adopted.					General maritime sector	Yes
National training course on assessment and examination of seafarers	Completed	October	Virtual, Philippines	Enhanced understanding and knowledge of those in the Maritime Industry Authority (MARINA), the Commission on Higher Education (CHED) and the accredited training providers and assessment centres who have been given delegated responsibility for all activities relating to the assessment of seafarers, with a view to ensuring effective compliance with, and implementation of, the provisions of the STCW Convention, 1978, as amended.	Philippines	21			Maritime safety	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).	Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Philippines, Thailand, Viet Nam				Marine environment protection	Yes
Development of a national assessment and road map for accession to the London Protocol	Ongoing		Homebased, Sri Lanka		Sri Lanka				N/A	Yes
VR-based capacity building programme on maritime safety	Ongoing		Republic of Korea		Cambodia, Indonesia, Philippines, Viet Nam				N/A	No
National workshop on managing oil spill incidents	Ongoing		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 strike force.	Philippines				Marine environment protection	Yes
IMO's participation in ASEAN Maritime Transport Working Group	Completed	October	Virtual	IMO's attendance at the ASEAN MTWG in which the Maritime Transport Agenda of the Kuala Lumpur Strategic Plan was discussed and the corresponding needs of Member States through the ITCP were addressed.					General maritime sector	Yes
Onboard training programme	Completed	December	Busan, Republic of Korea	Supported the needs of selected countries in Asia and provided an opportunity for practical onboard training under the STCW maritime education and training requirements, especially for women in the maritime sector. It allowed for onboard training for both deck and engine cadets utilizing the training ship, Hanwoori, and other training infrastructure of the Korea Institute of Maritime and Fisheries Technology (KIMFT).	Indonesia, Malaysia, Thailand, Viet Nam	10			Maritime training	No

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Asia - continued										
Workshop on enhancing e-navigation capability	Completed	November	Virtual	Facilitated the development and implementation of digital services which can subsequently enhance maritime safety and the protection of the marine environment in Asia.	Brazil, Cambodia, China, Denmark, Germany, India, Indonesia, Islamic Republic of Iran, Japan, Malaysia, Netherlands, Norway, Philippines, Republic of Korea, Slovenia, Spain, Trinidad and Tobago, Türkiye, Viet Nam	67			Maritime safety	No
Workshop on principles for the design and development of curriculum for the implementation of the STCW Convention, 1978, as amended	Ongoing		Virtual	National regime improved and strengthened for the development of appropriate curricula for outcome-based education and training of seafarers in the Philippines.	Philippines				N/A	Yes
National workshop on the facilitation of international maritime traffic	Completed	November	Virtual	Increased understanding of the FAL Convention, and the amendments to the FAL Convention adopted by resolution FAL.12 (40), which entered into force on 1 January 2018 with a view to promote the ratification of the FAL Convention.	Brunei Darussalam	28			Maritime safety	Yes
Development of training materials in preparation of a national workshop on the BWM Convention	Completed	June	Home-based, India & Singapore	Development of a new training module and participants' manual for future BWM workshops.	Sri Lanka				Marine environment protection	Yes
Programme for support to maritime development, Pacific Islands										
First consultation forum on the IMO Regional Presence Office for the Pacific Islands region	Completed	April	Virtual	Pacific Island Countries (PIC) gained a common understanding of what to expect from an IMO Regional Presence Office and developed a shared vision relating to the services to be provided by the IMO Pacific Regional Office.	Australia, Fiji, Kiribati, Marshall Islands, Nauru, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu			30	General maritime sector	Yes
Regional workshop - "United Nations Sustainable Development Cooperation Framework: A process to mainstream the maritime sector"	Completed	March	Virtual	Stakeholders provided with an overview of the UNSDCF process and adopted a Resolution on UNSDCF.	Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Niue, Palau, Samoa, Solomon Islands, Tonga, Vanuatu			24	General maritime sector	Yes
Regional webinar on digitalization as a means of facilitation of international maritime traffic	Cancelled		Virtual		Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
Maritime auditors' course	Completed	December	Virtual	Stakeholders from the Maritime Administration responsible for auditing functions trained on planning, performing, preparing and conducting an audit of maritime management systems as required by the standards and requirements of ISM, STCW and ISPS, in accordance with ISO 19011 Auditing Standard.	Fiji	14			Maritime safety	Yes
IMO's participation in roundtable meeting on the Pacific hub	Completed	February	Virtual	Stakeholders discussed challenges which have an impact on seafarers' repatriations including transition hubs to Pacific countries.					General maritime sector	Yes
Regional webinar on the ratification and implementation of the 2012 Cape Town Agreement and best practices for sustainable fishing	Completed	July	Virtual	Advocate early acceptance/ratification and/or effective implementation of the 2012 Cape Town Agreement amongst the participating countries within the Pacific Islands region, with a view to ratifying the entry-into-force of the Agreement by the tenth anniversary date of the adoption of the Agreement on 11 October 2022.	Australia, Cook Islands, Fiji, Marshall Islands, Micronesia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	39			Maritime safety	Yes
National workshop on the London Protocol	Cancelled		Koror, Palau		Palau				N/A	

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Pacific Islands - continued										
Regional workshop on energy efficiency measures for ships	Cancelled		Suva, Fiji		Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
National workshop supporting implementation of the Ballast Water Management Convention	Cancelled		Apia, Samoa		Samoa				N/A	
Regional workshop on the ratification and effective implementation of conventions relating to oil spill response, liability and compensation (Phase 1)	Completed	October	Virtual	Phase 1 of assistance provided to countries to accelerate ratification and implementation of international conventions pertaining to preparedness, response, liability and compensation, including the development of country action plans.	Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu	65			Marine environment protection	No
National status assessment on biofouling management	Completed	December	Homebased, Tonga	Aimed at conducting the national status assessment on biofouling management, the activity supplemented an XB project in Tonga which will continue to be implemented during 2022.	Tonga				Marine environment protection	Yes
Provision of virtual training equipment	Ongoing		Kiribati, Solomon Islands		Kiribati, Solomon Islands				N/A	Yes
Second consultation forum on the IMO Regional Presence Office for the Pacific	Completed	July	Virtual	Pacific Island Countries (PIC) considered preliminary proposals received for hosting from Member States in the region and agreed on a final date for submission (3 September 2021) for circulation, review and further consultation in October 2021.	Australia, Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Vanuatu			42	General maritime sector	Yes
Third consultation forum on the IMO Regional Presence Office for the Pacific	Completed	October	Virtual	Pacific Island Countries (PIC) considered final proposals received for hosting from Member States and agreed on way forward on future consultations leading to a final decision on the host county.	Australia, Cook Islands, Fiji, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Vanuatu			24	General maritime sector	Yes
Regional workshop on the ratification and effective implementation of conventions relating to oil spill response, liability and compensation (Phase 2)	Postponed		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				N/A	Yes
Technical advisory services on legal drafting	Postponed		Samoa		Samoa				N/A	Yes
Capacity building and training for AtoN officers	Postponed		Solomon Islands		Solomon Islands				N/A	Yes
Development of Regional Recognition Framework for the Pacific Port Vision 2030-2050	Postponed		Home-based, Australia						N/A	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support capacity-building of the Solomon Islands Maritime Safety Administration (SIMSA)										
Sea safety awareness at border and other hot spot areas	Ongoing		Multiple, Solomon Islands		Solomon Islands				N/A	No
Support to SIMA's human resource development	Ongoing		Honiara, Solomon Islands		Solomon Islands				N/A	No
Training and capacity development activities	Completed	December	Honiara, Solomon Islands	Stakeholders engagement in distance learning courses provided by the World Maritime University and the Loydys Maritime Academy.	Solomon Islands	3			General maritime sector	No
Support on capacity building of Solomon Islands in ocean governance	Completed	December	Honiara, Solomon Islands	Capacity building at the national level to elevate knowledge and skills of all stakeholders involved in ocean governance to address the threats against the marine environment and ensure long-term protection of the marine environment.	Solomon Islands	80			General maritime sector	No
Programme for support to Marine Environment Protection for Southeast Asia Seas (MEPSEAS) Project										
Development of the Best Practices Document and National Guidance Documents as well as the delivery of CME workshops	Cancelled		Multiple		Cambodia, Indonesia, Japan, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam				N/A	
Programme for support to maritime development, Western Asia and Eastern Europe										
National training course on OPRC levels 2 and 3	Cancelled		Moscow, Russian Federation		Russian Federation				N/A	
National workshop on the AFS convention	Cancelled		Tirana, Albania		Albania				N/A	
Follow-up mission to the needs assessment and advisory mission held in 2015	Cancelled		Kyiv, Ukraine		Ukraine				N/A	
Regional webinar on the ratification and implementation of the Cape Town Agreement	Completed	June	Virtual	The webinar was delivered online, in the Russian and English languages with simultaneous interpretation facility, for two days, three hours each. Participants from States that are already parties to the Cape Town Agreement, shared information on the lessons learned during the path to ratification and participants from States which are currently in the process of doing so, shared information on identified barriers that hinder progress towards the widespread acceptance and effective implementation of the Agreement for all States in the region.	Albania, Azerbaijan, Cameroon, Georgia, Ghana, Iceland, Kazakhstan, Kenya, Montenegro, Peru, Republic of Moldova, Russian Federation, Spain, Turkmenistan, Ukraine, United Arab Emirates, United Kingdom	36			Maritime safety	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Latin America										
Senior maritime administrators workshop for ROCRAM-CA countries	Cancelled		Virtual		Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama				N/A	
National training course on casualty investigation and reporting	Completed	November	Virtual	Participants were provided with technical assistance in order to carry out investigations into marine casualties and incidents in accordance with the Casualty Investigation Code, IMO Model Course 3.11 (Safety investigation into Marine Casualties and Marine Incidents), resolution A.1075(28) and relevant IMO instruments. This workshop also allowed collection of materials in Spanish version as reference for future casualty investigation training/workshop activities.	Mexico	18			Maritime safety	Yes
Regional seminar to encourage the ratification and effective implementation of the FAL Convention	Cancelled		Mexico, Mexico		Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela				N/A	
Regional conference to support the women's network of maritime authorities in Latin America (Red MAMLa)	Completed	December	Virtual	Red-MAMLa's new Executive Committee for 2022-2024 elected and new Regulations and Code of Ethics approved.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	32			General maritime sector	Yes
Regional training course for maritime administrations and companies on implementation of the ISM Code	Completed	July	Virtual	Participants provided with tools to understand the key aspects of the safe management and operation of ships at sea.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela	82			Maritime safety	Yes
National workshop on oil spill contingency planning	Completed	June	Virtual	Participants trained on effective oil spill preparedness and response to facilitate implementation of the OPRC Convention. Additionally, participants were trained how to assess the effectiveness of their national spill preparedness and response system in order to identify areas that require further development.	Panama	42			Marine environment protection	Yes
Regional workshop on MARPOL Annex VI	Cancelled		Mexico City, Mexico		Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama				N/A	
National workshop on ratification and implementation of the AFS Convention	Cancelled		Cuba		Cuba				N/A	
National workshop on oil spill contingency planning	Completed	July	Virtual	Participants trained on effective oil spill preparedness and response to facilitate implementation of the OPRC Convention. Additionally, participants were trained how to assess the effectiveness of their national spill preparedness and response system in order to identify areas that require further development.	Nicaragua	28			Marine environment protection	Yes
National workshop on oil spill contingency planning	Completed	July	Virtual	Participants trained on effective oil spill preparedness and response to facilitate implementation of the OPRC Convention. Additionally, participants were trained how to assess the effectiveness of their national spill preparedness and response system in order to identify areas that require further development.	Dominican Republic	38			Marine environment protection	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Latin America - continued										
Development of Port Biological Baseline Surveys (PBBS) on the current non-indigenous species transferred by ships	Ongoing		Multiple		Chile, Colombia, Ecuador, Panama, Peru				N/A	Yes
Challenges faced by seafarers and identification of best practices during the COVID-19 pandemic in Latin America	Completed	March	Virtual	Participants provided with information on the introduction to protocols on crew changes which have been developed by IMO and supported by the UN Secretary-General.	Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela				General maritime sector	Yes
Bilateral roundtable discussions with signatory States to the Torremolinos Declaration	Completed	December	Virtual	Participating countries encouraged to early acceptance/ratification and/or effective implementation of the 2012 Cape Town Agreement, with a view to ratifying the entry-into-force of the Agreement by the tenth anniversary date of the adoption of the Agreement, i.e. 11 October 2022.	Belize, Brazil, Nicaragua				Maritime safety	Yes
Regional training on International Convention on Maritime Search and Rescue (SAR), and the International Aeronautical and Maritime Search and Rescue Manual Vol. II and III for ROCRAM-CA countries	Completed	October	Virtual	Participants trained on the National SAR Plans in accordance with current regulations and the updated plans.	Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama	103			Maritime safety	Yes
Translation of training course material and global guides on biofouling management - Spanish and Portuguese	Ongoing		Multiple						N/A	Yes
Needs assessment on the implementation of measures to facilitate international maritime traffic in Central American countries, including their readiness to implement electronic data exchange	Completed	December	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.	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama				Facilitation	Yes
Technical backstopping for the development of the e-learning training course on ISM Code	Ongoing		Virtual Home-based, Chile						N/A	Yes
Workshop on monitoring and follow-up of technical cooperation activities in the Latin America region	Completed	December	Virtual	Strengthened national and regional technical capacity for the effective implementation of all IMO instruments in COCATRAM Member States.	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama	17			General maritime sector	Yes
Translation of OPRC e-learning introductory course from English into Spanish	Ongoing		Home-based, Argentina						N/A	Yes
Training course on the implementation of the Cape Town Agreement of 2012	Completed	December	Virtual	Enhanced knowledge to assist in the implementation of the Cape Town Agreement of 2012.	Argentina, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Uruguay	18			Maritime safety	Yes
Development of an e-learning training course on the ISM Code in Spanish	Postponed		Home-based, Sweden						N/A	Yes
Development and implementation of the Action Plan for the Implementation of the Multilateral Agreement on the Coordination of Maritime Search and Rescue Services in Central America	Completed	March	Home-based, Chile	Regional SAR plan developed and national SAR plans updated in accordance with current regulations.	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama				Maritime safety	Yes
Regional consultancy on International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) for ROCRAM-CA countries	Completed	March	Home-based, Chile	Plan of action developed for the implementation of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW)	Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama				Maritime training	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Programme for support to maritime development, Caribbean										
National workshop on drafting national legislation	Cancelled		Virtual, Antigua and Barbuda		Antigua and Barbuda				N/A	
Regional workshop on MARPOL Annexes III-V, including port reception facilities	Cancelled		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, Sint Maarten, Suriname, Trinidad and Tobago				N/A	
Workshop on contingency planning	Completed	October	Virtual	Participants trained on effective oil spill preparedness and response to facilitate implementation of the OPRC Convention. Additionally, participants were trained how to assess the effectiveness of their national spill preparedness and response system in order to identify areas that require further development.	Anguilla, Saint-Martin, Sint Maarten	26			Marine environment protection	Yes
National workshop on oil spill contingency planning	Completed	December	Virtual	Participants trained on effective oil spill preparedness and response to facilitate implementation of the OPRC Convention. Additionally, participants were trained how to assess the effectiveness of their national spill preparedness and response system in order to identify areas that require further development.	Grenada	22			Marine environment protection	Yes
Regional workshop supporting implementation of the Ballast Water Management Convention in the Wider Caribbean Region	Cancelled		Panama City, Panama		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				N/A	
Regional workshop for senior maritime administrators	Completed	July	Virtual	Update provided to the senior maritime administration officials of the latest regulatory and other developments in the international maritime sector.	Antigua and Barbuda, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Cayman Islands, Curaçao, Dominica, Dutch Antilles, Grenada, Guyana, Jamaica, Netherlands, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands			45	General maritime sector	Yes
Global Programmes										
Technical advisory services programmes										
Ongoing development of an FSO SAFER-specific contingency planning support document	Ongoing	March	Home-based, United Kingdom	Enhanced capacity to support the mitigation of risk of an oil spill from the FSO SAFER through ongoing development of the FSO SAFER-Specific Contingency Plan; including translation of the contingency planning support document from English to Arabic.	Yemen				N/A	Yes
Consultancy project to support the development of a contingency plan in preparedness for an oil spill from the FSO SAFER Unit, off the West Coast of Yemen	Completed	March	Home based, London, United Kingdom	Updated contingency plan developed in preparedness for an oil spill from the FSO SAFER.	Yemen				Marine environment protection	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Support to Small Developing States and Least Developed Countries for their Shipping Needs										
National seminar on facilitation of the international maritime traffic	Completed	December	Dar es Salaam, United Republic of Tanzania	The participants were updated on the critical importance of the facilitation of international maritime traffic for the national economy and were encouraged to initiate the process for ratification of the FAL Convention by the National Legislature.	United Republic of Tanzania				Facilitation	Yes
IMO's participation in the 21st session of Asia-Pacific heads of maritime safety agencies forum: capacity building for SIDS and LDCs	Completed	May	Virtual	IMO attendance to the 21st session of APHoMSA. The scope of the meeting was: safety at sea, including seafarers' welfare, protection of the marine environment, maritime incident response and regional cooperation for SIDS and LDCs. IMO submitted three papers and IMO's proposal for a work shadowing/attachment programmes was supported by the APHoMSA Members. Asia and Pacific will be the pilot region to launch the new capacity building programme in 2022.					General maritime sector	No
Subregional workshop on the development of effective national frameworks for preparedness and response to oil spills	Cancelled		Saint John's, Antigua and Barbuda		Antigua and Barbuda, Aruba, Barbados, Dominica, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines				N/A	
Provision of fellowships for SIDS & LDCs to attend online IMLI course on the protection of the marine environment and ocean governance	Completed	June	Virtual	The training course provided the knowledge required to promote a more active participation of State Representatives from SIDS & LDCs in the protection of the marine environment and improve the Ocean Governance.	Antigua and Barbuda, Benin, Cabo Verde, Cambodia, Côte d'Ivoire, Ethiopia, Guinea-Bissau, Lao People's Democratic Republic, Liberia, Madagascar, Maldives, Mauritius, Myanmar, Sao Tome and Principe, Sierra Leone, Somalia, Sudan, Tonga, United Republic of Tanzania, Yemen		18		Maritime legislation	No
Provision of fellowships for SIDS & LDCs to attend online IMLI course on international maritime security law	Completed	May	Virtual	The training course provided the knowledge required to promote a more active participation of State Representatives from SIDS & LDCs to attend a situation within the frame of the international maritime security law.	Afghanistan, Antigua and Barbuda, Benin, Cabo Verde, Cambodia, Congo, Cook Islands, Côte d'Ivoire, Dominican Republic, Ethiopia, Guyana, Haiti, Madagascar, Malawi, Maldives, Myanmar, Sao Tome and Principe, Sudan, Togo, Trinidad and Tobago, Vanuatu, Yemen		22		Maritime legislation	Yes
Women in Maritime										
IMO support to Maritime SheEO virtual leadership accelerator programme	Cancelled		Virtual						N/A	
18th training course on Women in Port Management held at IPER	Postponed		Le Havre, France		Algeria, Burkina Faso, Cameroon, Congo, Côte d'Ivoire, Djibouti, Guinea, Madagascar, Senegal, Seychelles, Togo, Tunisia				N/A	Yes
Revision of WOMESA Constitutions and Strategic Plan	Completed	September	Virtual	Reviewed, revised and updated WOMESA Constitution and Strategic Plan to enhance the operations and activities of its national Chapters and regional organ.	Comoros, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Namibia, Nigeria, Seychelles, Somalia, Uganda, United Republic of Tanzania, Zambia			23	General maritime sector	Yes
Capacity-building support the Pacific Women in Maritime Association (PacWIMA)	Ongoing		Virtual		Cook Islands, Fiji, Kiribati, Micronesia, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Women in Maritime - continued										
First regional conference to support the Association of Women in Maritime of West and Central Africa (WIMOWCA)	Completed	October	Virtual	Enhanced harmonization of the implementation of IMO instruments, strengthened cooperation network among women at the regional level and increased potential for employment opportunities for women in national maritime administrations and port authorities.	Cameroon, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Ghana, Guinea, Nigeria, Sao Tome and Principe, Senegal, United States			151	General maritime sector	Yes
Support to the virtual Port Senior Management Programme (GIMI)	Completed	July	Virtual	Up to 30 women trained in Port Senior Management.	Cameroon, Côte d'Ivoire, Fiji, Gambia, Ghana, Guyana, Jamaica, Madagascar, Mauritius, Namibia, Nigeria, Philippines, Saint Lucia, Solomon Islands, South Africa, United Republic of Tanzania		30		General maritime sector	Yes
Support to IMLI's programme of online professional development courses	Completed	June	Virtual	Through five specialized legal courses, enhanced professional capacity and understanding of participants to better assist them with domesticating treaties. Topics covered included the Law of Treaties, Law of Ports, Seafarer' Rights, Protection of the Marine Environment and Ocean Governance, and International Maritime Security Law.	Antigua and Barbuda, Cambodia, Congo, Costa Rica, Côte d'Ivoire, Dominican Republic, Ethiopia, Kenya, Madagascar, Mauritius, Mozambique, Nauru, Samoa, Sao Tome and Principe, Sierra Leone, Togo, Türkiye, Ukraine		20		Maritime legislation	Yes
Support to Women Offshore virtual conference	Cancelled		Virtual						N/A	
IMO-WISTA study on the number of women employed in the maritime sector	Ongoing		London, United Kingdom						N/A	Yes
17th training course on Women in Port Management held at IPER	Completed	June	Virtual	Female officials trained in English on subjects such as port management, port security, port marine environment, facilitation of maritime traffic, the ship/port interface, concession contracts, port marketing, port tariffs and port logistics.	Argentina, Brazil, Cambodia, Dominica, Dominican Republic, Ecuador, Egypt, Jamaica, Jordan, Philippines, Saint Lucia, Seychelles, Uganda, Viet Nam		24		General maritime sector	Yes
Fellowships to the World Maritime University	Ongoing		Malmö, Sweden						N/A	Yes
WMU - Delivery of lectures, seminars and workshops	Completed	December	Virtual	IMO staff delivered lectures at WMU, or virtual lectures for WMU students, or participated in virtual seminars.					General maritime sector	Yes
Fellowships to the IMO International Maritime Law Institute (IMLI)	Ongoing		Msida, Malta						N/A	Yes
IMLI - Delivery of lectures, seminars and workshops	Completed	December	Virtual	IMO staff and WMU professors delivered lectures at IMLI, or virtual lectures for IMLI students, or participated in virtual seminars/workshops.					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	October	Virtual	Maritime administrators trained through a short upgrading online course.	Angola, Fiji, Georgia, Guyana, Nepal, Nigeria, Philippines, Samoa, Seychelles, Somalia, Suriname, Tonga, Tuvalu, Ukraine, Vanuatu, Yemen		19		Maritime training	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Capacity-building and Training										
IMSSEA PSC course (fellowships)	Completed	November	Virtual	Maritime administrators trained through a short upgrading online course.	Cabo Verde, Egypt, Guyana, Indonesia, Malaysia, Nigeria, Suriname, Trinidad and Tobago, Tuvalu, Yemen		10		Maritime training	Yes
IMSSEA ISPS Code course (fellowships)	Completed	December	Virtual	Maritime administrators trained through a short upgrading online course.	Côte d'Ivoire, India, Mongolia, Solomon Islands, Somalia, South Sudan, Tonga, Yemen		8		Maritime training	Yes
IMSSEA MAIP course (fellowships)	Completed	December	Virtual	Maritime administrators trained through a short upgrading online course.	Comoros, Egypt, Fiji, Maldives, Mongolia, Nigeria, Panama, Philippines, Samoa, Seychelles, Solomon Islands, Somalia, Tonga, United Republic of Tanzania		22		Maritime training	Yes
IPER 35th course on port operations and management (fellowships)	Ongoing		Hybrid, France	Reinforced set of skills for officials involved with port operations and management.					N/A	Yes
Support costs of JPOs recruited under the gratis modality	Completed	December	London, United Kingdom	Support costs for three Junior Professional Officers (JPOs) funded.	China				General maritime sector	Yes
National workshop on maritime transport policy	Cancelled		Virtual		Cameroon				N/A	
Translations of Maritime Transport Policy training programme	Ongoing		Home-based						N/A	No
Fellowships to the World Maritime University (WMU)	Completed	October	Malmö, Sweden	IMO fellows graduated with MSc in maritime affairs (academic year 2020-2021).	Algeria, Bangladesh, Cameroon, Gambia, Ghana, Guyana, Liberia, Myanmar, Philippines, Timor-Leste, Viet Nam, Zimbabwe		12		Maritime training	Yes
Fellowships to the IMO International Maritime Law Institute (IMLI)	Completed	August	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 2020-2021). Fellowship funding savings from the unutilized IMLI provided accommodation due to COVID-19 pandemic will be used to fund online English Legal Maritime training to prospective IMO fellows hailing from non-English speaking countries for the academic year 2022-2023.	Comoros, Democratic Republic of the Congo, India, Montenegro, Myanmar, Paraguay, Somalia, South Africa, Thailand, Tunisia		10		Maritime training	Yes
IPER - Fellowships for the 34th advanced course on port operations and management	Ongoing		Hybrid						N/A	Yes
Development of an online training course on biofouling management (IMO e-learning pilot project)	Ongoing		Home-Based, Malmö, Sweden, Copenhagen, Denmark						N/A	Yes
Enhancement of Maritime Security										
IMO participation in maritime security capacity building missions	Completed	December	Various	The activity enabled the participation of IMO staff on different activities related to maritime security and promoting IMO mandate.					Maritime security	Yes
National workshops to assist with the implementation of the provisions of SOLAS chapter XI-2 and the ISPS Code	Ongoing		Various	Assistance to Member States on the implementation of maritime security measures, mainly SOLAS Chapter XI and the ISPS Code.					N/A	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Enhancement of Maritime Security - continued										
Policy, governance and regulatory work on ISPS Code	Completed	December	Various	This activity helped promoting the participation of women on maritime security training, in line of IMO Women in Maritime Programme and SDG 5.	Barbados, Cameroon, Gabon, Ghana, Gambia, Guyana, Kenya, Kiribati, Mauritius, Namibia, Nigeria, Solomon Islands, Trinidad and Tobago, Tursk and Caicos Islands		21		Maritime security	Yes
Support to counter piracy capacity building and global implementation of measures to suppress piracy	Ongoing		Various	Enhancement of counter piracy measures, guidance and resolutions developed by IMO, through capacity building activities. Development of training material on Maritime Domain Awareness (MDA).					N/A	Yes
Materials and publications in support of maritime security capacity building	Completed	December	London, United Kingdom	Enhancement of capacity building. Promotion of IMO maritime security measures.					Maritime security	Yes
IMO Member State Audit Scheme (IMSAS)										
Regional training course for auditors	Cancelled		Mumbai, India		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, Obsolete Timor-Leste, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, Viet Nam				N/A	
Regional workshop on the audit	Cancelled		Bogota, Colombia		Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela				N/A	
Regional training course for auditors	Cancelled		Dubai, United Arab Emirates		Algeria, Bahrain, Djibouti, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Somalia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates, Yemen				N/A	
Development of scripts for e-learning training course for IMSAS auditors	Completed	June	London, United Kingdom	Scripts/content for narration covering lectures in the existing IMSAS Auditors' Training Course have been developed successfully. They will be included into the e-learning training course for IMSAS Auditors.					Member state audit	Yes
Post-audit assistance to Myanmar in support for the implementation of the CAP	Cancelled		Virtual		Myanmar				N/A	
Development of online training course for auditors	Ongoing		London, United Kingdom						N/A	Yes
Maritime Development and the Blue Economy										
IMO's participation in relevant UN system meetings and activities on the implementation and alignment of the SDGs and on the Blue Economy	Completed	December	London, United Kingdom	IMO's participation at the United Nations Climate Change Conference (COP 26), Glasgow, UK and its side events, and organisation of an IMO hosted side event on "IMO's commitment to decarbonize shipping through concerted international action".					General maritime sector	Yes
Promotional material related to the SDGs and on IMO and the Blue Economy	Completed	December	London, United Kingdom	Promotional material on the World Maritime Day theme produced.					General maritime sector	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Maritime Development and the Blue Economy - continued										
Support the implementation of the technical cooperation aspects of IMO's Strategic Plan 2018-2023, including quick win process improvements in planning and reporting	Ongoing		London, United Kingdom						N/A	Yes
Identification and development of partnership arrangements	Ongoing		Virtual		Brazil, Curaçao, Panama, Solomon Islands				N/A	Yes
First Pacific region knowledge partnership workshop on maritime technical cooperation activities	Cancelled		Hybrid		Australia, Cook Islands, Fiji, Guam, Kiribati, Marshall Islands, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
First East and Southern Africa (Anglophone) sub-region knowledge partnership workshop on maritime Technical Cooperation activities	Cancelled		Hybrid		Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Gabon, Guinea, Mali, Mauritania, Niger, Senegal, Togo				N/A	
First West and Central Africa (Anglophone) knowledge partnership workshop on maritime Technical Cooperation activities	Cancelled		Virtual		Cabo Verde, Equatorial Guinea, Gambia, Ghana, Guinea-Bissau, Liberia, Nigeria, Sao Tome and Principe, Sierra Leone				N/A	
Support to, and participation in, a global conference on maritime technology transfer and energy efficiency	Cancelled		Kuala Lumpur, Malaysia		Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Philippines, Singapore, Sri Lanka				N/A	
National workshop on MARPOL Annex VI and reducing emissions in ports	Cancelled		Maputo, Mozambique		Mozambique				N/A	
Regional workshop on energy efficiency measures for ships	Cancelled		Suva, Fiji		Cook Islands, Fiji, Kiribati, Micronesia, Nauru, Niue, Obsolete Timor-Leste, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu				N/A	
Tokyo MoU tenth general training course (GTC10) for PSCOs	Cancelled		Yokohama, Japan		Bahrain, Belize, Colombia, Nigeria, South Africa, Tunisia, Ukraine				N/A	
Development of virtual reality materials on biofouling management	Cancelled		Virtual						N/A	
Regional Coordinating Organizations (RCOs) virtual roundtable sessions on the development of regional strategies for biofouling management	Completed	December	Virtual	Gap analysis on the status of biofouling management at the regional level and development of a template for regional strategies and action plans on biofouling management.					Marine environment protection	Yes
Conversion of the RETOS™ tool to a web-based application for evaluating oil spill preparedness	Ongoing		Home-based, London						N/A	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Maritime Development and the Blue Economy - continued										
Social media campaign to promote the 2021 Day of the Seafarer	Completed	December	Virtual	Social media campaign under the official hashtag #FairFuture4Seafarers and other activities carried out to promote the 2021 international Day of the Seafarer under the theme "Fair Future for Seafarers". The campaign generated a lot of traction online, reaching more than 50 million people via social media and resulting in over 1435 articles online in 59 countries. Seafarers were also invited to take part in online polls about a fair future for seafarers. The IMO Secretary-General's video message was viewed more than 150,000 times. Posters, GIF animations and other material were downloaded and used throughout the world to share IMO's key messages.					General maritime sector	No
Support to seafarers on the frontline of COVID-19	Ongoing		Virtual						N/A	No
Support to the International Oil Spill Conference (IOSC) - 2021	Completed	May	Virtual	IMO facilitated the inclusion of attendees from the participating countries under the conference's scholarship programme. 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. Information exchanged on oil spill response.	Brazil, Curaçao, Panama, Solomon Islands				Marine environment protection	Yes
Train-the-trainer workshop for seafarers on ships operating in Polar Waters	Completed	December	Virtual	Instructors from maritime education and training institutions who are responsible for providing training based on the IMO Model courses on Basic and Advanced Training for Ships Operating in Polar Waters (7.11 and 7.12), 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. The Workshop was modified from its original format to enable remote delivery using video conferencing and eLearning.	France, Lithuania, Poland, Russian Federation, Sweden	11			Maritime safety	No
Regional train-the-trainer workshop for seafarers on ships operating in Polar Waters	Completed	November	Virtual	Instructors from maritime education and training institutions who are responsible for providing training based on the IMO Model courses on Basic and Advanced Training for Ships Operating in Polar Waters (7.11 and 7.12), 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. The Workshop was modified from its original format to enable remote delivery using video conferencing and eLearning.	Indonesia, Japan, New Zealand, Philippines, Republic of Korea, Singapore	17			Maritime safety	No
Project on the IMO Compendium on Facilitation and Electronic Business	Postponed		TBC						N/A	Yes
Review of maritime transport policy training package	Completed	September	London, United Kingdom	Contents of the Maritime Transport Policy training programme revised and updated.					General maritime sector	Yes

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
Promotion of the London Protocol										
Identification and removal of barriers to countries achieving compliance with ocean disposal agreements	Completed	December	London, United Kingdom	Assistance to national authorities with the removal of barriers so as to enable their compliance with ocean disposal agreements. Raised awareness of the benefits of the London Protocol.					Marine environment protection	No
Support from Canada for the work of GESAMP and the London Protocol	Completed	December	London, United Kingdom	Preparation of advice (reports) by GESAMP, in particular WG 41 on marine geoengineering. Participation in selected conferences, seminars and workshops. Awareness and understanding of the GESAMP and its climate change related amendments increased. Opportunities for future cooperation identified.					Marine environment protection	No
Djibouti Code of Conduct										
Meetings on the Implementation of Djibouti Code of Conduct	Completed	December	Various	Supported the implementation of DCoC. Promotion of IMO maritime security measures. Improved international coordination and response	Comoros, Djibouti, Egypt, Eritrea, Ethiopia, Jordan, Kenya, Madagascar, Mauritius, Mozambique, Oman, Reunion, Saudi Arabia, Seychelles, Somalia, South Africa, Sudan, United Republic of Tanzania, Yemen				Maritime security	No
DCoC - Support to the DRTC in implementing Regional Training	Completed	December	Djibouti, Djibouti	Promoted the use of the Djibouti Regional Training Centre in line with Resolution 3 adopted by IMO Council (Djibouti Code of Conduct). Implementation of the activities funded by the Government of Japan through contribution to DCoC Trust Fund.	Comoros, Djibouti, Ethiopia, Jordan, Kenya, Madagascar, Mozambique, Saudi Arabia, Seychelles, Somalia, South Africa, Yemen	12		19	Maritime security	No
Denmak equipment programme for enhanced MDA - Kenya	Cancelled		Mombasa, Kenya		Denmark, Kenya				N/A	
Support to Enhance Maritime Domain Awareness in the Western Indian Ocean and the Gulf of Aden	Completed	December	Nairobi, Kenya	Development of a strategy and roadmap for the enhancement of the DCoC Informations Sharing Network.	Comoros, Djibouti, Egypt, Eritrea, Ethiopia, Jordan, Kenya, Madagascar, Mauritius, Mozambique, Oman, Saudi Arabia, Seychelles, Somalia, South Africa, Sudan, United Arab Emirates, United Republic of Tanzania				Maritime security	No
Development of DCoC Members Portal and Capacity Building Coordination Matrix	Ongoing		Nairobi, Kenya	Development of an e-platform for data sharing and better coordination of capacity building efforts. DCoC website created. www.dcoc.org	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				N/A	No
West and Central Africa Maritime Security										
IMO participation in meetings related to WCA	Completed	December	Multiple, United Kingdom	IMO participation in enhancing West & Central African capacity-building in relation to UN practice in international cooperation in efforts to ensure maritime security and the enforcement thereof.	Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo				Maritime security	No
Support to the ICC	Completed	December	Yaounde, Cameroon	Assistance to the ICC to fulfill its role as the strategic body for the implementation of the Yaounde Code of Conduct (YCC). Effective communication between stakeholders and partners. Completed initial revision of the implementation status of the Yaounde Code of Conduct. Recommendations to the Head of ECCAS, ECOWAS and GGC updated IMO GoG Strategy.	Benin, Cabo Verde, Cameroon, Congo, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo				Maritime security	No

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Activity Title	Status	Month Del	Location	Outputs	Participating Countries/Territories	Trainees	Fellows	Strategy Officials	Discipline	TC Fund
West and Central Africa Maritime Security - continued										
GoG Regional Marsec Meeting - RoK funded	Cancelled		Republic of Korea		Benin, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mauritania, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo				N/A	
Support to ECOWAS Zone F MMCC and MOCs - RoK Funded	Ongoing		Accra, Ghana	Phase 1 of procurement completed, aimed to Enhance communication capability to communicate with vessels at sea. Improved maritime security in the Gulf of Guinea.	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				N/A	No

ANNEX 2

INTEGRATED TECHNICAL COOPERATION PROGRAMME

Annual Report for 2021

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

INTEGRATED TECHNICAL COOPERATION PROGRAMME

Annual Report for 2021

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 2021 – in US Dollars

DELIVERY OVERVIEW

Introduction

1 The overview of financial resource delivery provides a comprehensive review of the 2021 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 2021. The results are collated from the respective activities implemented in 2021 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 2021. 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 2021 will be reflected in the budget and final expenditure of 2022.

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 2021, some \$10.5 million was delivered against a total technical cooperation budget of \$21.9 million, which includes a combination of IMO's TC Fund and donor contributions. This represents a delivery rate of 48%.² While this is an improvement on the \$9 million recorded in 2020, it is a significant decrease in comparison to 2019 and earlier years due to the impact of the COVID-19 pandemic. However, it should also be noted that an additional 45 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 2021. This equates to approximately \$2.0 million and will be reflected in the 2022 annual report.

¹ C 127/5(b) – Financial report and audited financial statements for the financial period ended 31 December 2021 and the report of External Auditors.

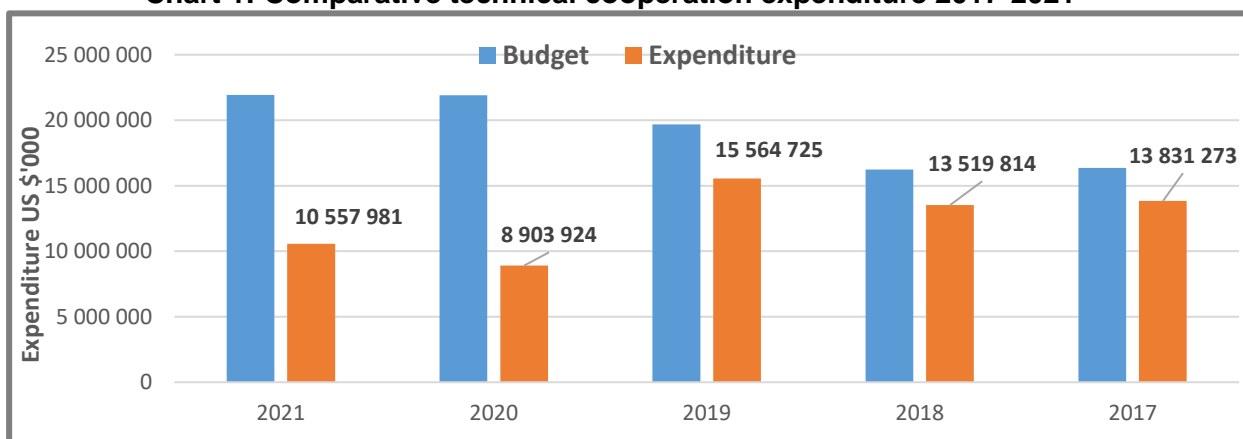
² This document reports on all IMO expenditure related to technical cooperation, including both the core ITCP and extrabudgetary thematic long-term projects.

7 Table 1 presents the budget and expenditure figures for 2021, as well as the figures for the previous four years for comparative purposes. The expenditure over the five-year period from 2017-2021 is presented visually in chart 1.

Table 1: Technical Cooperation budget and expenditure 2021 in \$ - comparison with previous years

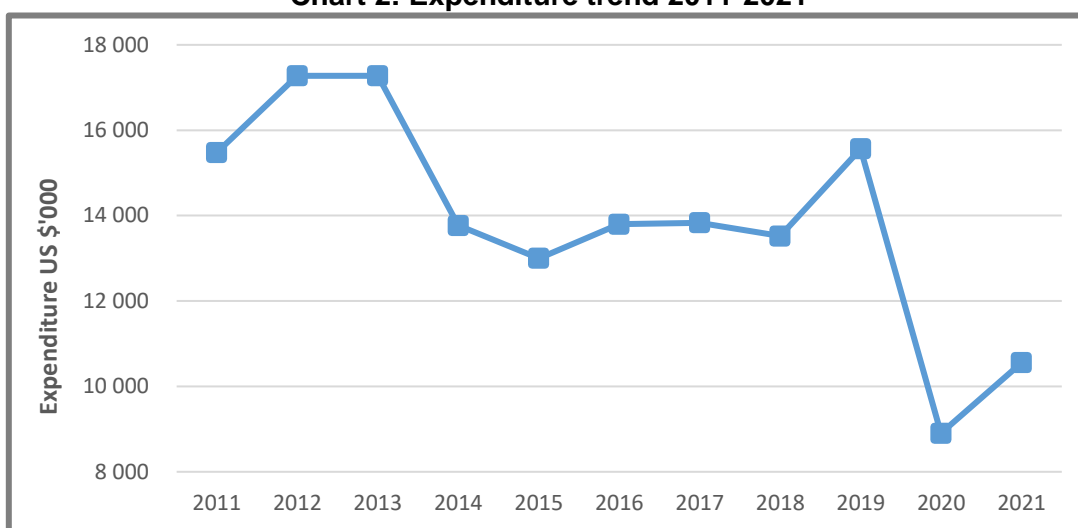
Year	Budget	Expenditure
2021	21,940,615	10,557,981
2020	21,909,725	8,903,924
2019	19,687,217	15,564,725
2018	16,233,798	13,519,814
2017	16,364,752	13,831,273

Chart 1: Comparative technical cooperation expenditure 2017-2021



8 Chart 2 tracks the annual volume of expenditure since 2011 over the last 10 years. From expenditure of \$15.4 million in 2011 to a high of \$17 million in 2012, and then going back to a more consistent delivery of between \$13 million and \$15 million over the following five years. 2020 and 2021 are exceptions due to the COVID-19 pandemic, which reflects the lowest expenditure in 10 years of some \$8 million and \$10 million, respectively.

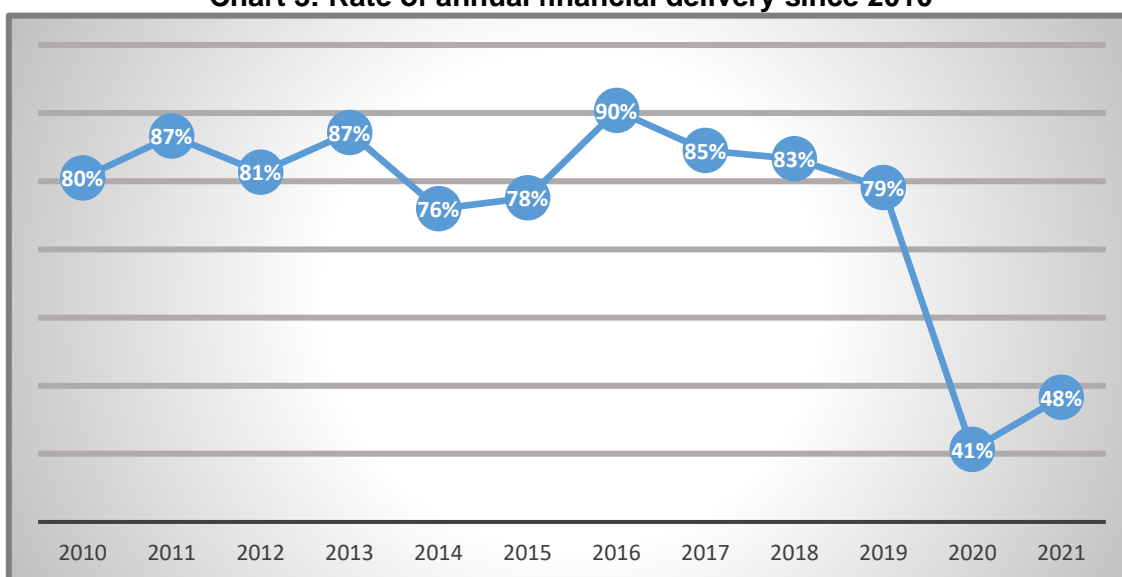
Chart 2: Expenditure trend 2011-2021



9 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 2021 was 48%. This is a notable decrease from the delivery rate recorded in previous years, again due to COVID-19, but an improved rate in comparison to the 41% recorded in 2020.

10 During 2021, as was done in the recent past, 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 2010



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 10 above.

PROFILE OF RESOURCE DISBURSEMENT

Funding sources

11 Table 2 records the individual funding sources from donor countries and organizations against the overall expenditure in 2021. The figures reflect the amount programmed and the amount expended in 2021, 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 2021 can be found in document TC 72/4(c) on financial contributions to ITCP.

12 Table 2 shows the 22 sources of funding and expenditure for 2021, a decrease from the 27 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 2021.

Table 2: Profile of donor³ expenditure for 2021

No.	Source of Funding	Funds programmed for 2021	Expenditure 2021	Percentage of 2021 budget spent	Donor percentage of total expenditure
1	TC Fund	7,683,283	3,990,819	52%	38%
2	UNEP (including external sources) ⁴	1,317,074	1,273,375	97%	12%
3	European Union (represented by the European Commission)	1,903,351	1,209,823	64%	11%
4	Norway	5,619,135	1,140,992	20%	11%
5	UNDP-GEF	2,012,047	782,454	39%	7%
6	NORAD	475,745	305,042	64%	3%
7	Djibouti Code of Conduct (DCoC) Trust Fund	680,910	346,768	51%	3%
8	Germany	269,840	232,393	86%	2%
9	IMST Fund	263,615	245,864	93%	2%
10	Model Courses	347,210	187,456	54%	2%
11	Republic of Korea	186,391	176,398	95%	2%
12	WCA Trust Fund	266,848	164,414	62%	2%
13	Belgium	63,900	54,014	85%	1%
14	Canada	173,368	53,878	31%	1%
15	GIA	105,308	105,309	100%	1%
16	Netherlands	84,629	84,629	100%	1%

³ For the purposes of budgeting and expenditure of ITCP, the TC Fund is categorized as "donor", as are the other IMO multi-donor trust funds.

⁴ Includes UNEP/MAP funding for REMPEC.

17	Republic of Korea GHG SMART	146,705	132,906	91%	1%
18	China	127,000	11,437	9%	Less than 0.5% of the total expenditure each
19	Italy	53,358	19,479	37%	
20	ITF Seafarers	20,000	565	3%	
21	LC/LP Trust Fund	47,458	416	1%	
22	United Kingdom	93,040	39,550	43%	
	TOTAL in \$	21,940,215	10,557,981	48%	

13 As previously mentioned in paragraphs 3 and 6, a number of activities that were ongoing during 2021 may have a completion date beyond 31 December 2021, and will therefore be reflected in the 2022 annual report, as will any relevant invoices and other adjustments not received before closure of the 2021 accounts. Likewise, it may be noted that the 2021 expenditure also includes 17 activities and their related budgets originally programmed for 2020. This minor proportion of expenditure was primarily relevant to activities that were operational in 2020 but whose full implementation was not completed until 2021.

14 Additionally, it should be noted that the 2021 budget was amended during the year to accommodate funds and activities that were allocated and/or cancelled during the course of the year or transferred to the next year. This is not unique to 2021 but is a regular occurrence each year due to the specific terms and timing of confirmation of funds relating to individual donor contributions.

15 An expenditure level over \$300,000 was credited to the top seven donor sources, as illustrated in table 2. The highest figure of nearly \$4 million was attributed to the TC Fund, representing 38% of the total expenditure, followed by UNEP with an expenditure of \$1.2 million which includes UNEP/MAP funding for REMPEC. This was followed by the European Commission with 11% of the overall expenditure, the majority of which was for the long-term GMN project and Norway also with 11% of total expenditure for the GloLitter project and other projects related to marine environment. UNDP-GEF accounted for 7% of total expenditure for the GloFouling Partnerships projects; the Djibouti Code of Conduct Trust Fund and NORAD accounted for 3%; and the remaining 15 donors each accounted from 2% or under of total expenditure for 2021.

The TC Fund

16 The TC Fund maintains the top position on the scale of funding presented in table 2, which supported implementation in 2021 with expenditure of nearly \$4 million.

17 Chart 4 displays TC Fund expenditure over five years, showing general consistency, with highs of some \$7.2 million in 2018 and lowest of \$3 million in 2020, again because of COVID-19. The TC Fund expenditure as a percentage of the overall expenditure can be seen in chart 5, which compares the years 2017 to 2021. As noted above, the 2021 percentage of 38% shows a slight increase from the 35% recorded in 2020 and 2019, but a decrease from the years immediately preceding.

Chart 4: Annual TC Fund expenditure 2017-2021

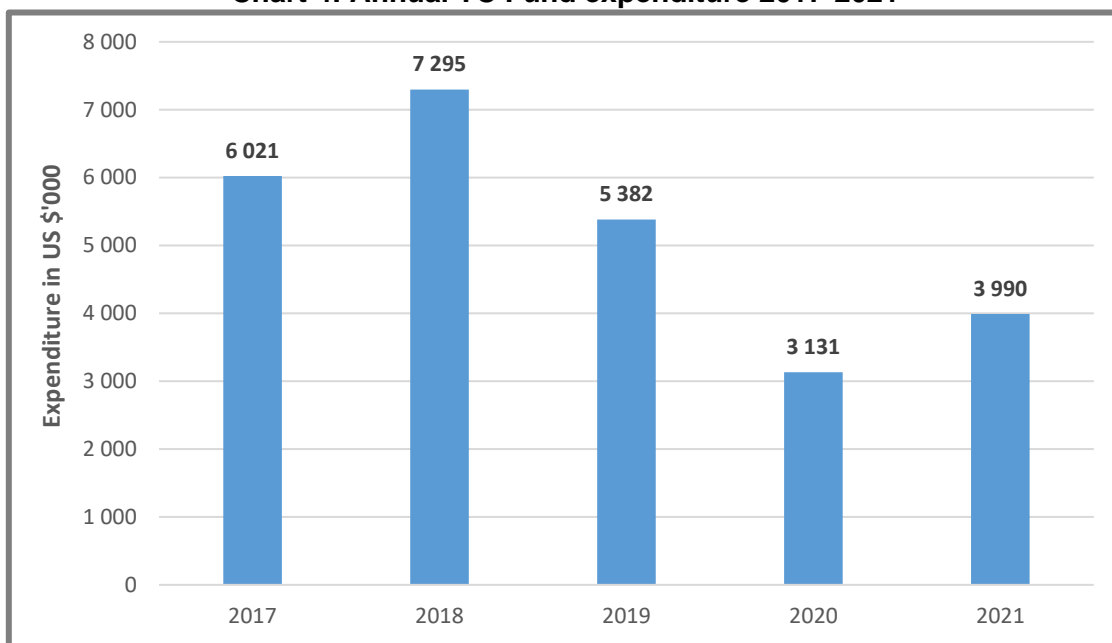
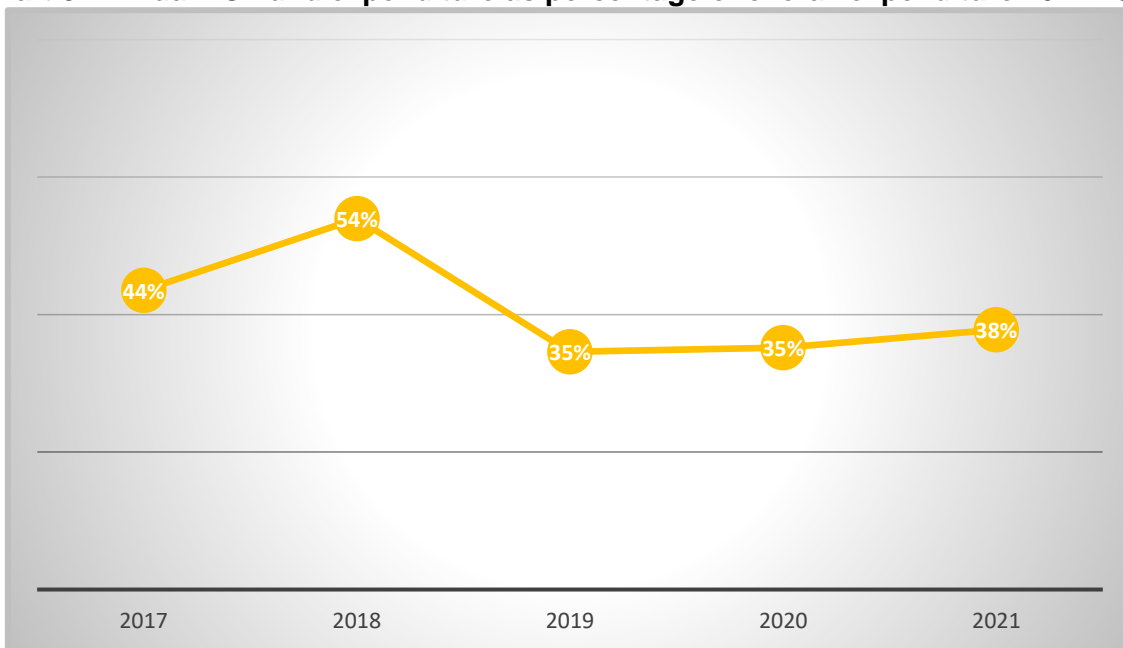


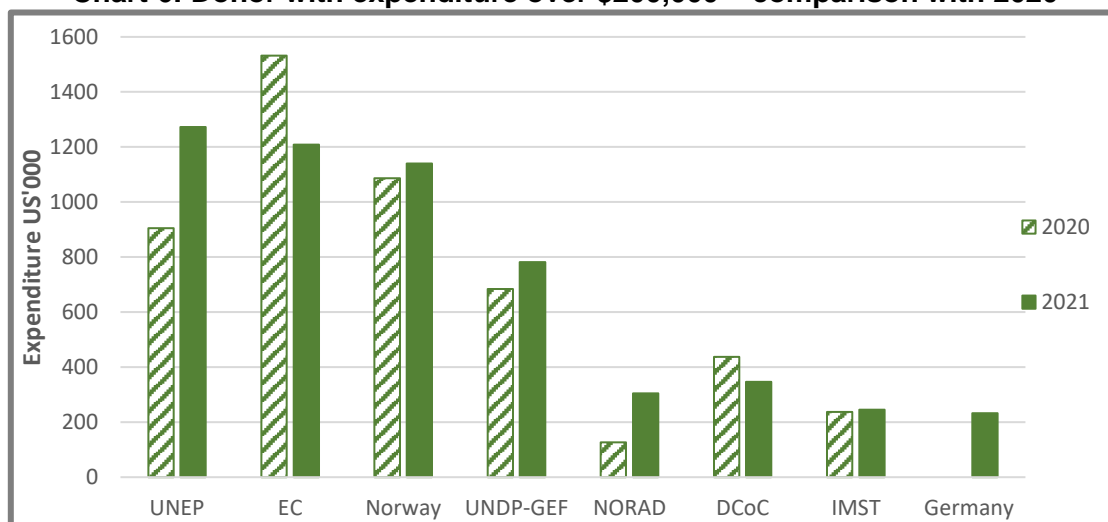
Chart 5: Annual TC Fund expenditure as percentage of overall expenditure 2017-2021



Other donors

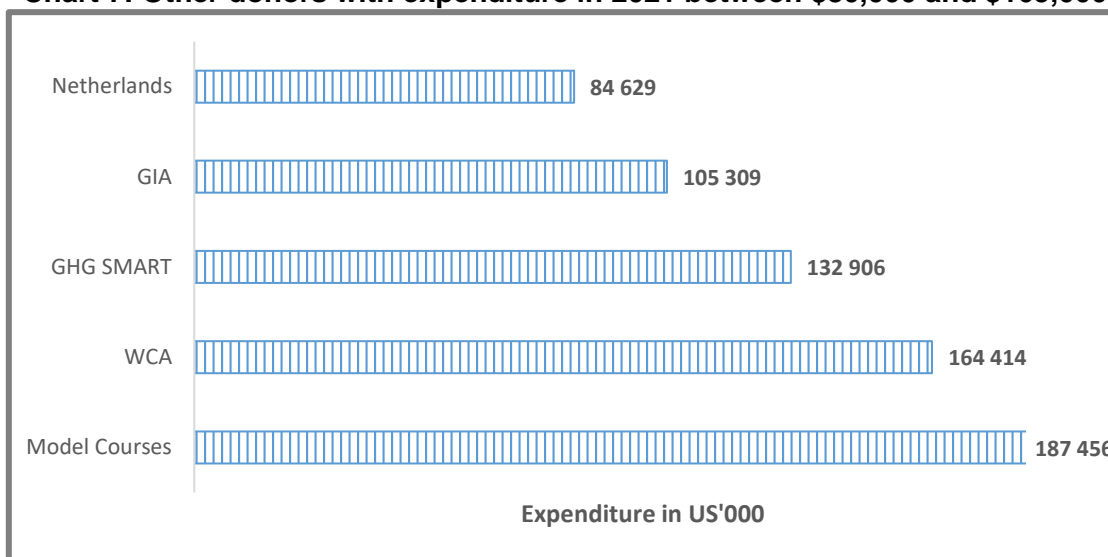
18 Chart 6 displays the eight donors (excluding the TC Fund) that recorded expenditure over \$200,000 in 2021, in comparison with the amounts expended against these donors in the previous year. These results show a paced recovery and growth in 2021 expenditure after COVID-19.

Chart 6: Donor with expenditure over \$200,000 – comparison with 2020



19 Chart 7 illustrates expenditure between \$80,000 and \$165,000 against other donors, namely, the WCA Trust Fund, GIA, the Republic of Korea GHG SMART Project, the Model Courses Trust Fund and the Netherlands.

Chart 7: Other donors with expenditure in 2021 between \$80,000 and \$165,000



20 Further information on the donors and their support to the respective constituent programmes of 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 2021.

DISBURSEMENT BY REGION

21 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.

22 The total regional and global expenditure distribution for 2021 is presented in table 3. The figures for 2020 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 small island developing States (SIDS) and least developed countries (LDCs) for their shipping needs; Women in Maritime; Enhancement of Maritime Security; IMO Member State Audit Scheme; and the West and Central Africa Maritime Security programme.

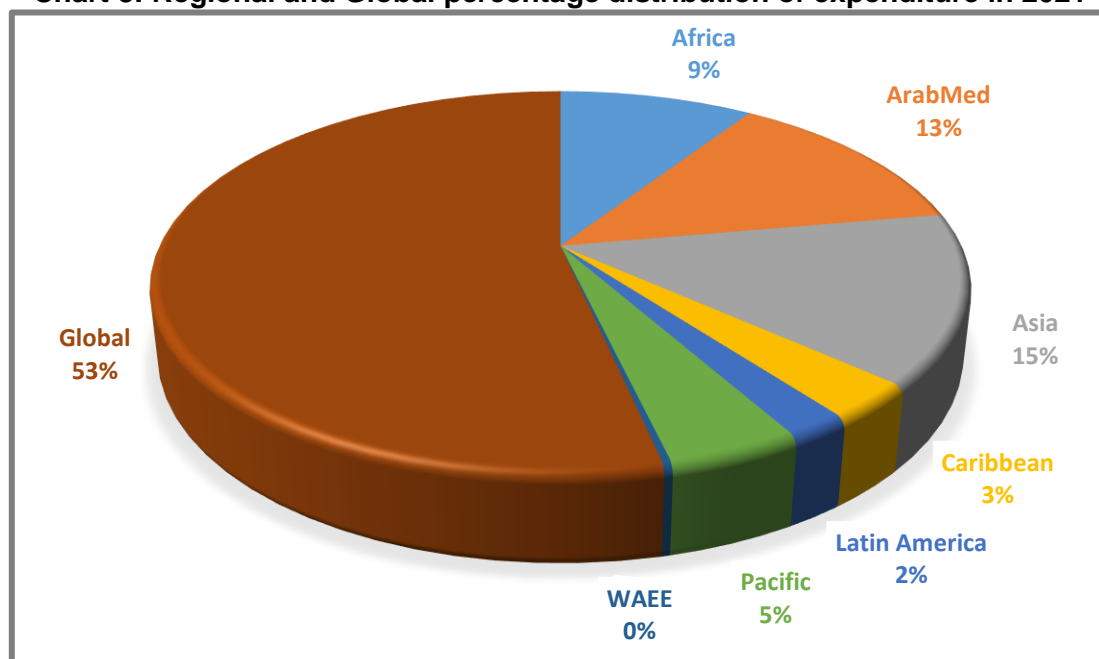
23 By contrast, those activities providing benefits in more than one region remain categorized as global. This category covers a diverse range of maritime subjects across the globe and includes, inter alia, the provision of fellowships, inter-regional workshops and many of the thematic long-term projects. 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 2021 – comparison with 2020

Regions	2021	2020
Africa	973,318	990,309
Arab States and Mediterranean	1,370,431	87,108
Asia	1,523,555	772,141
Caribbean	326,978	708,451
Latin America	220,455	266,062
Pacific	475,464	480,073
Western Asia and Eastern Europe	30,166	0
Global	5,637,614	5,578,871
Total in \$	10,557,981	8,883,015

24 Chart 8 illustrates the regional and global distribution for 2021 by percentage. The Asia region accounted for some 15% of total expenditure; Arab States and Mediterranean for 13%; Africa for 9%; Pacific Islands for 5%; Caribbean for 3%; Latin America for 2%; 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 53% of the total expenditure.

Chart 8: Regional and Global percentage distribution of expenditure in 2021



25 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 2021, the GMN project, which includes MTCCs in the Africa, Asia, Pacific Islands, Latin America and Caribbean regions, accounted for between 7% and 59% of expenditure in those regions, while in the Asia region, two additional long-term projects – MEPSEAS and SENSREC – accounted for 20% and 22% of technical cooperation expenditure, respectively. Under the global category, the GMN project accounted for 7% of global expenditure, while the GloFouling Partnerships and GloMEEP projects accounted for 14% and 2% of global expenditure, respectively. 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 \$

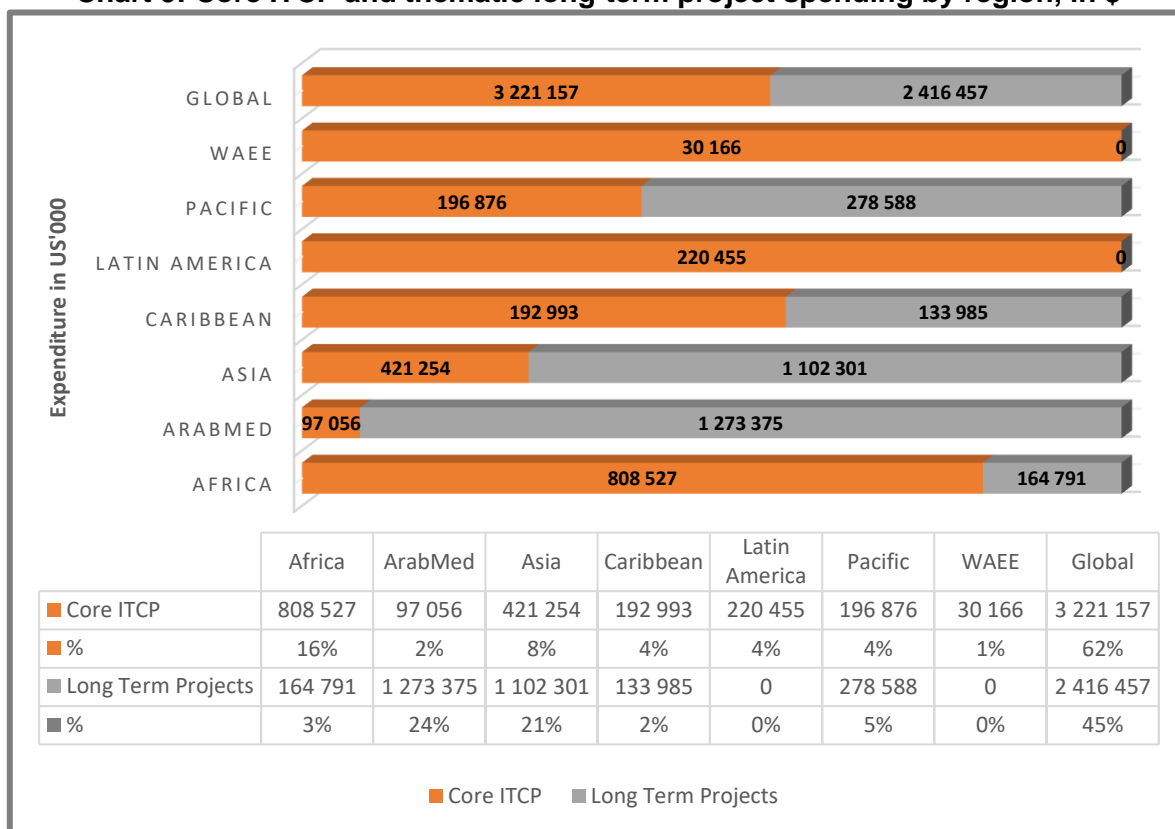
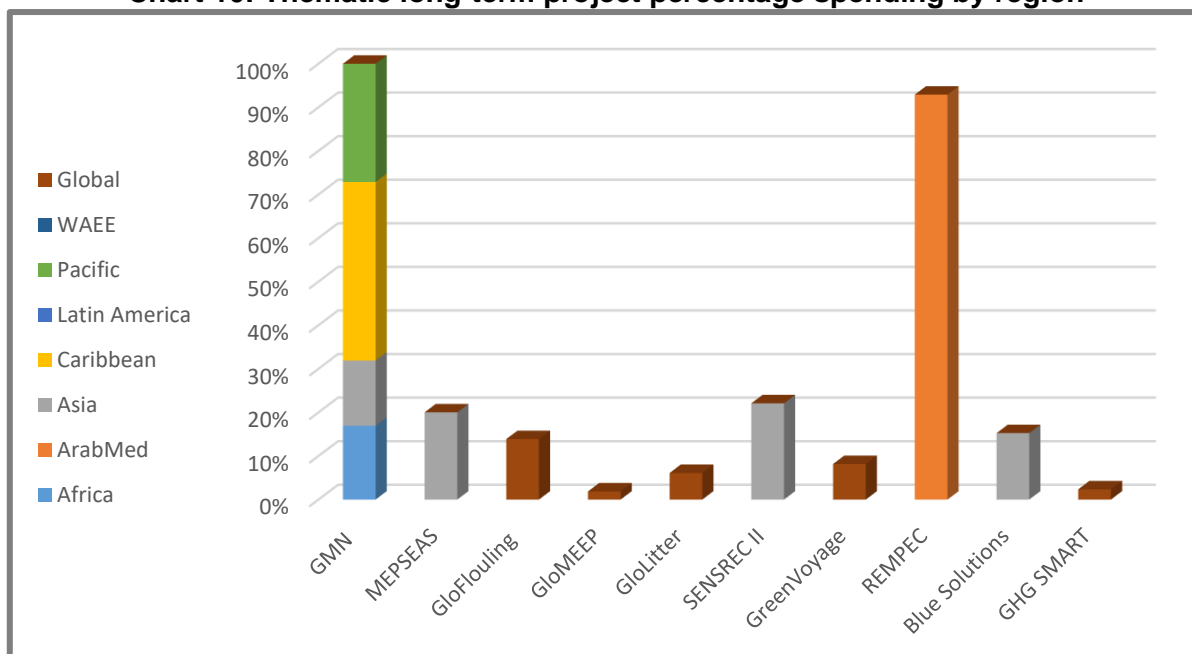


Chart 10: Thematic long-term project percentage spending by region



DISBURSEMENT BY DISCIPLINE

26 Table 4 below presents the distribution of delivery by maritime discipline for 2021, as compared with 2020, whereas chart 11 demonstrates the disbursement of both core ITCP and thematic long-term projects for 2021. 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.

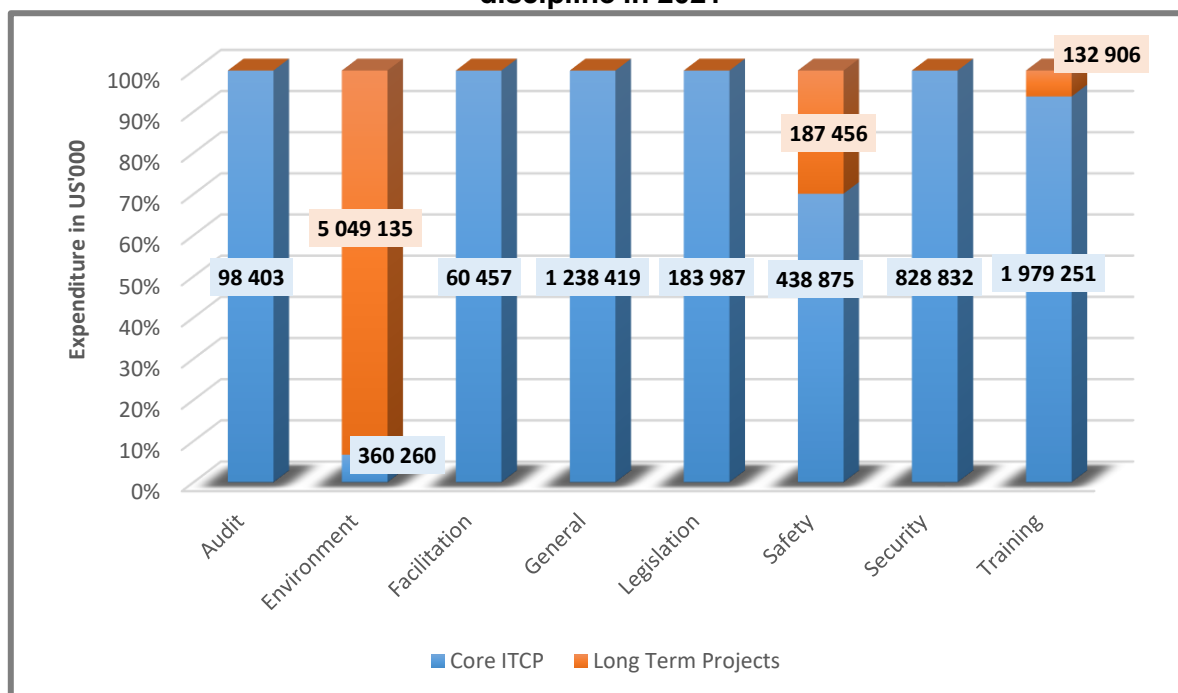
27 During 2021, marine environment protection activities registered 51% of delivery, maritime security 8% and maritime safety 6%. Maritime training, including the provision of fellowships, accounted for 20% of total expenditure, while maritime legislation and Member State Audit accounted for 2% and 1%, respectively. 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 12% of total 2021 expenditure.

28 Regarding the discipline of marine environment protection, it should also be noted that more than half of the expenditure can be attributed to eight large-scale, multi-year projects currently ongoing, as well as the annual expenditure towards REMPEC. All were financed through external funding entities, such as UNEP, UNDP-GEF, GIA, EC, Norway and NORAD, and many included staff cost components. Together these projects accounted for 93% of all expenditure related to the marine environment for 2021, equal to some \$5 million, an increase to the \$4 million recorded for long-term environmental projects in 2020.

Table 4: Distribution of expenditure by discipline in 2021 – comparison with 2020

Discipline	2021	%	2020	%
Member State Audit	98,403	1%	87,814	1%
Marine environment protection	5,409,395	51%	4,571,144	52%
Facilitation of international maritime traffic	60,457	1%	0	0%
General maritime sector	1,238,419	12%	1,437,464	16%
Maritime legislation	183,987	2%	158,857	2%
Maritime safety	626,331	6%	429,760	5%
Maritime security	828,832	8%	855,135	10%
Maritime training	2,112,157	20%	1,332,341	15%
Total in \$	10,557,981	100%	8,872,515	100%

Chart 11: Distribution of Core ITCP and thematic long-term project expenditure by discipline in 2021



CONCLUSION

29 In conclusion, despite the challenges faced by the effects of the COVID-19 pandemic, 2021 reported a remarkable increase in expenditure within the core ITCP and long-term projects compared with 2020. 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
ITCP Regional and Global programmes,
other programmes and thematic long-term projects in 2021 - in US dollars

Programme Title	Budget	Expenditure	Delivery rate	Donor/s
<i>REGIONAL PROGRAMMES</i>				
Africa				
Support to maritime development, Africa (Anglophone)	663,654	510,132	77%	TC Fund, China
Support to maritime development, Africa (Francophone)	388,129	123,741	32%	TC Fund, China, RoK Fund
Arab States and Mediterranean				
Support to maritime development, Arab States and Mediterranean	218,722	100,274	46%	TC Fund
REMPEC	1,317,074	1,273,375	97%	UNEP Trust Fund
Asia and Pacific Islands				
Support to maritime development, Asia	665,391	362,508	54%	TC Fund, China Fund, RoK Fund
Support to maritime development, Pacific Islands	443,823	125,327	28%	TC Fund, China Fund, Norway Fund
Capacity building of the Solomon Islands Maritime Safety Administration (SIMSA)	63,900	54,014	85%	Belgium Fund
Western Asia and Eastern Europe				
Support to maritime development, Western Asia and Eastern Europe	70,265	12,534	18%	TC Fund
Latin America and Caribbean				
Support to maritime development, Latin America	354,884	220,455	62%	TC Fund
Support to maritime development, Caribbean	400,191	192,993	48%	TC Fund

Appendix
ITCP Regional and Global programmes,
other programmes and long-term projects in 2020 - in US dollars

GLOBAL PROGRAMMES					
Technical advisory services	93,585	22,693	24%	TC Fund	
Support to SIDS and LDCs for their shipping needs	190,788	127,765	67%	TC Fund	
Women in Maritime	430,055	124,983	29%	TC Fund	
Capacity-building and training	3,400,587	1,943,879	57%	TC Fund, Netherlands, Italy	
Enhancement of maritime security	363,407	317,650	87%	TC Fund, IMST Fund	
IMO Member State Audit Scheme (IMSAS)	111,662	98,403	88%	TC Fund, Netherlands	
Maritime development and the Blue Economy	917,254	339,432	37%	TC Fund, ITF Seafarers Trust Fund, UK Fund, Germany	
Promotion of the London Protocol	47,458	416	1%	LC/LP TC Trust Fund	
Djibouti Code of Conduct	680,910	346,768	51%	Djibouti Code of Conduct Trust Fund	
West and Central Africa Maritime Security	266,848	164,414	62%	West and Central Africa Maritime Security Trust Fund	
THEMATIC LONG-TERM PROJECTS					
Global Maritime Energy Efficiency Partnerships (GloMEEP) project	105,308	105,309	100%	GIA (GEF-UNDP)	
GloFouling Partnership project	2,012,047	782,454	39%	UNDP-GEF	
Global Marine Technology Cooperation Centres Network (GMN) project	2,174,120	1,374,613	63%	European Union	
GloLitter project	502,564	344,270	50%	Norway	
GreenVoyage 2050	4,669,191	459,760	10%	Norway	
GHG SMART	146,705	132,906	91%	RoK	
Carib-SMART	67,000	0	0%	Norway	
Support to Marine Environmental Protection for Southeast Asia Seas (MEPSEAS) project	475,745	305,042	64%	Norad	
SENSREC phase II	368,380	336,709	91%	Norway	
Blue Solutions project	254,527	232,393	91%	Germany	
Other Programmes					
Model Courses	347,210	187,456	54%	IMO Model Courses Development Trust Fund	

ANNEX 3

INTEGRATED TECHNICAL COOPERATION PROGRAMMES

**Annual Report for 2021
Glossary of Terms**

GLOSSARY

AFS	Anti-fouling Systems
AFS Convention	International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001
APHoMSA	Asia-Pacific Heads of Maritime Safety Agencies
ASEAN	Association of Southeast Asian Nations
ASEAN MTWG	Association of Southeast Asian Nations Maritime Transport Working Group
ARPEL	Association of Oil, Gas and Renewable Energy Companies of Latin America and the Caribbean
Biofouling Guidelines	Guidelines for the control and management of ships' biofouling to minimize the transfer of invasive aquatic species
BWM	Ballast Water Management
BWM Convention	International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004
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
CHED	Commission on Higher Education
CME	Control, Monitoring and Enforcement
COCATRAM	Comisión Centroamericana de Transporte Marítimo (Central American Commission on Maritime Transport)
COP 26	Twenty-sixth United Nations' Climate Change Conference
COVID-19	Coronavirus Disease 2019
DA	Designated Authority
DCoC	Djibouti Code of Conduct
DCO	Development Coordination Office
DRTC	Djibouti Regional Training Centre
EBRD	European Bank for Reconstruction and Development
ECCAS	Economic Community of Central African States
ECOWAS	Economic Community of West African States
EU	European Union
FAL	Facilitation Committee
FAL Convention	Convention on Facilitation of International Maritime Traffic, 1965, as amended
FAO	Food and Agriculture Organization
FINSMART	Financing Sustainable Maritime Transport Roundtable
FSI	Flag State Implementation
FSO	Floating Storage and Offloading Unit
G7 ++	Group of Friends of the Gulf of Guinea
GEF	Global Environment Facility

GESAMP	Group of Experts on the Scientific Aspects of Marine Environmental Protection
GGC	Gulf of Guinea Commission
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
GIF	Graphics Interchange Format
GI	Global Initiative
GI WACAF	IMO-IPIECA Global Initiative for West, Central and Southern Africa
GIA	Global Industry Alliance
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)
GloMEEP	Global Maritime Energy Efficiency Partnerships
GMA	Ghana Maritime Authority
GMN	Global Maritime Technology Cooperation Centres Network
GoG	Gulf of Guinea
GreenVoyage 2050	Global project aiming to transform the shipping industry towards a lower carbon future (Norway/IMO Project)
HF	High Frequency
HKC	Hong Kong Convention
IALA	International Association of Marine Aids to Navigation and Lighthouse Authorities
IAMSAR	International Aeronautical and Maritime Search and Rescue Manual
ICC	Interregional Coordination Centre
ICS	International Chamber of Shipping
IFIs	International Financial Institutions
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
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
InterManager	International Ship Managers Association

International SAR Fund	International Search and Rescue Fund
IOPC Funds	International Oil Pollution Compensation Funds
IOSC	International Oil Spill Conference
IPER	Institut Portuaire d'Enseignement et de Recherche du Havre (Le Havre)
IPSAS	International Public Sector Accounting Standards
ISO	International Organization for Standardization
ISM Code	International Safety Management Code
ISMI	Interregional Maritime Security Institute
ISPS Code	International Ship and Port Facility Security Code
ITCP	Integrated Technical Cooperation Programme
ITF	International Transport Workers' Federation
ITOPF	International Tankers Owners Pollution Federation Limited
JPOs	Junior Professional Officers
KIMFT	Korea Institute of Maritime Fisheries Technology
LC/LP TC Trust Fund	London Convention/London Protocol Technical Cooperation Trust Fund
LDCs	Least developed countries
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
MARINA	Philippines Maritime Industry Authority
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, as amended
MCI	Marine Casualty Investigation
MDA	Maritime Domain Awareness
MED	Marine Environment Division
MEPSEAS	Marine Environment Protection for Southeast Asian Seas
MMCC	Multinational Maritime Coordination Centre
MOC	Maritime Operation Centre
MoU	Memorandum of Understanding
MSC	Maritime Safety Committee
MSc	Master of Science
MSD	Maritime Safety Division
MTCCs	Maritime Technology Cooperation Centres
MTWG	Maritime Transport Working Group
NAPs	National Action Plans
NextGEN	A project initiative where 'GEN' stands for Green and Efficient Navigation'
NMISCs	National Maritime Information Sharing Centres
Norad	Norwegian Agency for Development Cooperation
OAS	Organization of American States

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
P&I Clubs	International Group of Protection and Indemnity Associations
PBBS	Port Biological Baseline Survey
PCs	Partner Countries
PCS	Port Community System
PEMSEA	Partnerships in Environmental Management for the Seas of East Asia
PIC	Pacific Island Countries
PIDs	Programme Implementation Documents
PSC	Port State Control
PSCOs	Port State Control Officers
PSSA	Particularly Sensitive Sea Area
RAC	Regional Activity Centre
RCOs	Regional Coordinating Organizations
Red-MAMLa	Red de Mujeres de Autoridades Marítimas de Latinoamérica
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
RMU	Regional Maritime University
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
SAFER	Services and Application for Emergency Response
SAR	Search and Rescue
SDGs	(United Nations) Sustainable Development Goals
SENSREC	Safe and Environmentally Sound Ship-recycling in Bangladesh
SIDS	Small island developing States
SIMSA	Solomon Islands Maritime Safety Administration
SOLAS	International Convention for the Safety of Life at Sea, 1974, as amended
SPC	Pacific Community
SPREP	South 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
SW	Single Window
TC	Technical Cooperation
TC Fund	Technical Cooperation Fund
TCC	Technical Cooperation Committee
TCD	Technical Cooperation Division
TTT	Train-the-trainers
UN	United Nations
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
UNSDCF	United Nations Sustainable Development Cooperation Framework
VR	Visual Reality
WA/EE	Western Asia and Eastern Europe
WCA	West and Central Africa
WG	Working Group
WHO	World Health Organization
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
XB Projects	Extra-Budgetary Projects
YCC	Yaoundé Code of Conduct