

出國報告(出國類別：國際會議)

出席亞太經濟合作(APEC)「第 19 屆海洋與漁業工作小組(OFWG)會議」 視訊會議出國報告

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會議日期：111 年 8 月 17、18 日

報告日期：111 年 11 月 11 日

摘要

亞太經濟合作組織(APEC)為亞太區域重要經貿合作論壇，設有各委員會及工作小組(或次級論壇)。其中，「海洋及漁業工作小組(OFWG)」主要負責各成員經濟體間海洋相關事務之交流與合作，「第 18 屆海洋與漁業工作小組(OFWG)視訊會議」由海洋委員會、海洋委員會海洋保育署及行政院農業委員會漁業署等機關，共同參與我國海洋廢棄物治理成效、經驗及相關計畫提案。

「第 19 屆 OFWG 會議」延續近年重點，聚焦「海洋廢棄物」及「打擊非法、未報告及未受規範(IUU)漁捕」兩大主軸，著重於各經濟體實際提案規劃及成果展示。另，本次會議重點亦包含「小規模漁業及水產養殖路徑圖」(Roadmap on Small-Scale Fisheries and Aquaculture, SSFA)，主席表示將設 SSFA 次工作小組，歡迎會員經濟體加入。

我國於本次會議提列 4 項報告案，分別為「APEC 運用創新科技監測海洋廢棄物能力建構研習營」之執行成果、宣傳「提倡女性於海洋科學扮演角色以促進海洋永續及包容性治理計畫」、「第 21 屆公私部門參與海洋環境永續治理圓桌會議自費性計畫」執行成果；「APEC 海廢再製品溯源機制最佳實踐研討會」最新辦理情形，智利、印尼及中國分別感謝我方對其計畫及報告之支持，並盼未來就各自關注議題上能有更多交流及合作機會

總體而言，本次會議成果頗為豐碩，除多數經濟體自願性在會中更新經濟體推動打擊海洋廢棄物及 IUU 之成果；「小規模漁業及水產養殖」議題之討論亦有十足進展，雖未能順利獲取共識並通過，卻極大幅度推動該路徑圖制定之進程。

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壹、目的

亞太經濟合作組織(APEC)為亞太區域重要經貿合作論壇，現有 21 個成員經濟體(Economy)，其資深官員會議(Senior Officials' Meeting, SOM)下設有委員會、工作小組及次級論壇，其中「海洋及漁業工作小組(OFWG)」於 2011 年由「海洋資源保育工作小組」及「漁業工作小組」合併改制而成，主要負責各成員經濟體間海洋事務之交流與合作。

APEC 作為我國少數具正式會員資格之國際組織，係我與國際接軌、合作及交流之場域，爰參與本會議之目的，即是爭取實質參與國際，尋求友我國家支持。

貳、第 19 屆 OFWG 會議過程

一、會議經過

(一) 由智利國家漁業及養殖署國際事務組 Ms. Mónica Rojas Noack 組長擔任代理主席（簡稱 N 主席），總計 21 個經濟體全數出席，另有「世界貿易組織」(WTO)、「聯合國糧農組織」(FAO)及國際非政府組織「大自然保護協會 (TNC)」等共同參與，討論要點如下：

- 1、各經濟體計畫 (OFWG Projects) 進度更新：計有智利、中國、印尼、泰國、美國、越南等分別報告已完成、進行中、規劃中之計畫或提案，其中本會及海洋保育署亦分別提列 2 項報告案：
 - (1) 本會國際發展處：分享本年 3 月 24 日至 25 日於基隆海洋科技博物館辦竣「APEC 運用創新科技監測海洋廢棄物能力建構研習營」之執行成果；宣傳預計明 (2023) 年上半年辦理「提倡女性於海洋科學扮演角色以促進海洋永續及包容性治理計畫」之規劃內容等。
 - (2) 海洋保育署：分享本年 7 月 20 日至 21 日於高雄辦竣之「第 21 屆公私部門參與海洋環境永續治理圓桌會議自費性計畫」之執行成果；說明「APEC 海廢再製品溯源機制最佳實踐研討會」之最新辦

理情形。

- (3) 智利、印尼及中國分別感謝我方對其計畫及報告之支持，並盼未來就各自關注議題上能有更多交流及合作機會。

2、依循 FAO「國際家計型漁業與水產養殖年(IYAFA 2022)」及主辦國(泰國)優先領域，前次會議提出「小規模漁業及水產養殖路徑圖」(Roadmap on Small-Scale Fisheries and Aquaculture, SSFA)，業於本次會議召開前通過 OFWG 工作小組採認，N 主席表示將設 SSFA 次工作小組，歡迎會員經濟體加入(按：漁業署對是否加入暫持保留態度)。

3、「打擊海洋廢棄物路徑圖」、「打擊非法、未報告、未受規範(IUU)漁捕路徑圖」以及其「次工作小組」(sub working group)報告：

- (1) 打擊海洋廢棄物路徑圖及其工作小組(美國領導；成員包含智利、中國、巴布亞紐幾內亞、菲律賓及泰國)：就打擊海洋廢棄物之政策發展與協調、能力建構、研究及發展、財務及私部門協作等面向討論實際執行面臨難題及未來展望。預計於明年第 1 次資深官員會議(SOM1)前提出最終執行計畫。

- (2) 打擊 IUU 漁捕路徑圖(智利領導；成員包含印尼、紐西蘭、澳洲、泰國、美國及俄國)：就港口國措施(Port State Measures, PSM)執行情形、會員經濟體內之協調網絡、提倡與區域及國際漁業組織之合作、強化公私部門協作、能力建構等面向進行討論。俄國提議設立「電子認證系統虛擬次工作小組」(Electronic Certificate System Virtual Sub-group)，惟會議中未有會員經濟體表態支持。

- (3) 部分會員經濟體針對上述路徑圖之執行情形發表更新報告；我國已於上半年完成發表，故本次未提出報告。

4、「來賓簡報」(Guest Presentations)：

- (1) 世界貿易組織(WTO)說明漁業補貼協定(Agreement on Fisheries Subsidies)之發展進程、協定內容簡介及會員經濟體現階段可執行事項等。俄國提議設立「漁業補貼虛擬次工作小組」(Virtual Sub

Working Group on Fishery Subsidies)，會議中僅菲律賓表態支持。

(2) 聯合國糧農組織（FAO）說明本年 7 月甫通過「轉載自願性準則」（Voluntary Guidelines for Transshipment），期能透過相關監測及管控等法規，降低 IUU 漁捕行為所獲之水產食品進入市場。俄國提議設立「漁獲證明虛擬次工作小組」（Virtual Sub Working Group on Catch Certification），惟會議中未有會員經濟體表態支持。

(3) 海洋保育協會（TNC）分享貝類礁體復育計畫（Shellfish Reef Restoration）之公私部門協作案例，及牡蠣殼回收再利用以推動循環經濟等實例。

5、「計畫申請進度更新」：由 APEC 秘書處綜述 2019 年至 2021 年 APEC 計畫申請件數及申獲 APEC 補助經費之成功率。自 2019 年至 2022 年，共有 17 件計畫執行中，其中有 11 件因受新冠肺炎疫情影響須展延計畫完成日期。OFWG 去年總計通過 8 件 APEC 補助計畫，在各工作小組中排名第 4 名。

6、2023 年主辦國（美國）之優先領域：美國強調將重視多元議題以回應當前之挑戰並強化區域間之多邊合作，於本年泰國年之基礎上，呼應「太子城願景 2040」(Putrajaya Vision 2040)及「奧特亞羅瓦行動計畫」(Aotearoa Plan of Action)，續提出下列 3 項優先領域：

(1) 貿易投資、創新及數位化：在強健、平衡、安全、永續（strong, balance, secure, sustainable）基礎下持續強化供應鏈之韌性及數位貿易活動等。

(2) 氣候變遷及環境永續：推動糧食安全、良善管制措施、健康、反貪腐、數位化等以創造有利環境。

(3) 包容性成長：包含未受到政府足夠照顧或未被充分代表的社群、弱勢族群、跨族群及女性等。

(4) 此外，美國也將持續推動「打擊海洋廢棄物路徑圖」、「打擊 IUU 漁捕路徑圖」、「小規模漁捕及水產養殖路徑圖」，並支持聯合國環境

署（UNEP）提倡之終結塑膠污染國際協定等。就明年各項會議辦理期程及舉辦地點將於決定後適時公布。

肆、心得與建議

- 一、中國持續推動藍色經濟相關計畫：「藍色經濟」歷來為 OFWG 年度工作計畫之一，卻非主流討論議題，惟中方仍鏗而不捨持續推動，並於會議持續宣傳其進行之相關計畫，包含藍色公民、藍碳及生態系等議題，尋求其他經濟體支持。
- 二、會員經濟體互動有限：本次會議延續上屆會議以線上會議方式進行，惟相較過往會員經濟體多於聊天室內互動及回饋意見，本次會議各經濟體間之意見交流不如以往熱絡，且亦未於會議安排團體合照。
- 三、評估參與次工作小組（sub-working group）：OFWG 除現有以美國領導之「打擊海洋廢棄物次工作小組」及以智利領導之「打擊 IUU 漁捕次工作小組」，另有 N 主席提議成立「小規模漁業及水產養殖次工作小組」，以及俄國亦積極提議之「電子認證系統虛擬次工作小組」、「漁業補貼虛擬次工作小組」及「漁獲證明虛擬次工作小組」，由此推測 OFWG 運作模式不侷限於每年 2 次之正式會議，亦有經濟體希望透過次工作小組，加深 OFWG 關注議題之廣度，促進會員間密切交流及合作；爰建議未來扣合本會及相關部會之施政方向及國內政策立場等，評估是否參與各次工作小組。
- 四、配合美國主辦年之優先領域，規劃明年整體推案方向：美國國務院甫於 10 月 27 日公布 2023 年之主題（「Creating a Resilient and Sustainable Future for All」）及會議舉辦地點（2 月於美國加州棕櫚泉；8 月於西雅圖），將依據 OFWG 及美國之優先領域，完善明年度整體參與規劃及推案方向。

肆、附錄

附錄一：2022/SOM3/OFWG/001 Agenda - 19th Ocean and Fisheries Working Group Meeting 2022

附錄二：2022/SOM3/OFWG/013 OFWG 09 2020A - Capacity Building on Marine Debris Monitoring by Using Innovative Technologies in APEC Region

附錄三：2022/SOM3/OFWG/014 OFWG 02 2022S - Self-Funded Project Outcome: 21st APEC Roundtable Meeting on the Involvement of the Business / Private Sector in the Sustainability of the Marine Environment

附錄四：2022/SOM3/OFWG/015 OFWG 06 2021A - Promoting Women's Role in Ocean Science Towards Sustainable and Inclusive Ocean Governance

附錄五：2022/SOM3/OFWG/016 OFWG 07 2021A - Good Practices for Traceability Mechanism of Marine Debris Recycled Products in the APEC Region



**Asia-Pacific
Economic Cooperation**

2022/SOM3OFWG/001

Agenda Item: 1.4

Agenda

Purpose: Consideration
Submitted by: OFWG Chair



**19th Ocean and Fisheries Working Group
Meeting
17-18 August 2022**



17 August 2022, final

19th Meeting of APEC Ocean and Fisheries Working Group

Date: 17-18 August 2022

Time: 18h00 – 21h00 (GTM+7)
(virtual)

DAY 1

18:00 – 21:00 17 August 2022 (BKK)

Session I – Opening Session (32 min)

- 1.1 Opening Remarks by Ms. Monica Rojas Noack, OFWG Interim Lead Shepherd (5 min)
- 1.2 Introduction of OFWG Delegates – limit to one delegate (Head of Delegation) per economy (20 min)
- 1.3 Endorsement of the Summary Report for OFWG 18 meeting (Interim Lead Shepherd) (2 min)
- 1.4 Adoption of the Agenda and Formation of Committee to assist with drafting of Summary Report (Interim Lead Shepherd) (5 min).

Session II: APEC Thailand 2022: Small-scale Fisheries and Aquaculture towards Security, Prosperity and Sustainability (12 min)

Session III- Update on the status of the small-scale fisheries and aquaculture (SSFA) (30 min)

- 3.1 The OFWG interim Lead Shepherd updates the members about the status of roadmap and the further steps. (10 min)
- 3.2 Members are welcome to present their economies updates on SSFA activities (10 min)
 - 3.2.1 Chile
 - 3.2.2 Thailand
- 3.3 Further discussion on the roadmap Implementation Plan, Champion economy and formation SSFA implementation group (10 min)

05 minutes break

Session IV: OFWG Projects (84 min)

Members are invited to brief on completed, ongoing and potential projects during dedicated time as followings. Economies may notify the APEC Secretariat if they would like to be added to the list of economy updates. If possible, please table your intervention in advance with the APEC Secretariat.

4.1 Chile (15 min)

- **4.1.1 OFWG 02 2020A:** Phase II: Guide on Valuing Fishery by-products: Promotion of Sustainable Artisan Activities and Women Empowerment (with Indonesia): brief the outcomes/ results of the workshop.

- **4.1.2 OFWG 02 2021A:** Review of traceability systems applied to the value chain of fisheries and aquaculture in APEC economies

- **4.1.3 potential project:** Capacity Building on Marine Debris impacts by Using gaming technology in APEC Region

4.2 China (15 min)

- **4.2.1** Capacity Building for Blue Citizen in the APEC Region.

- **4.2.2** Framework and progress of the APEC Marine Sustainable Development Report III

- **4.2.3** Workshop on Blue Carbon in the Asia Pacific Region

- **4.2.4** Introduction of the symposium on “Study and Development of Marine Microorganisms and Enzyme Resources”

4.3 Indonesia (15 min)

- **4.3.1 OFWG 03 2021A** Determining Microplastics Distribution in Coastal Aquaculture Input System and Developing its Mitigation Plan towards Seafood Safety

- **4.3.2 OFWG 08 2021A** Capacity Building on Vessel Innovation to Combat Marine Debris

- **4.3.3 OFWG 02 2022A:** Workshop for Fisheries Enforcement Strategies to Prevent, Combat and Deter IUU Fishing Related to Covid-19 Pandemic

- **4.3.4 OFWG 04 2022A** Workshop on Promoting Bioplastic Materials to Reduce Marine Plastic Litter in the Asia Pacific Region

4.4 Malaysia (4 min)

- **4.4.1** Sustainability of Marine fisheries resources and Improving Livelihood: Mapping of Community-based Management System in Coastal Small-Scale fisheries (Malaysia requested to drop this agenda item)

4.5 Chinese Taipei (15 min)

- **4.5.1 OFWG 09 2020A:** Capacity Building on Marine Debris Monitoring by Using Innovative Technologies in APEC Region (completed)

- **4.5.2 OFWG 02 2022S:** The 21st APEC Roundtable Meeting on the Involvement of the Business/Private Sector in the Sustainability of the Marine Environment (completed)

- **4.5.3 OFWG 06 2021A:** Promoting Women's Role in Ocean Science towards Sustainable and Inclusive Ocean Governance

- **4.5.4 OFWG 07 2021A:** Good Practices for Traceability Mechanism of Marine Debris Recycled Products in the APEC Region

4.6 Thailand (12 min)

- **4.6.1 OFWG 01 2022:** Sharing knowledge and experiences on small-scale marine fisheries data collection and management for sustainable development in the APEC region

- **4.6.2 OFWG 03 2022A:** Technical workshop on Marine debris management in marine Ecosystem.



-4.6.3 Sharing experience on the import and export control and traceability measures and practices of tuna and tuna products in the APEC region

4.7 US (4 min)

- **4.7.1 OFWG 01 2022S:** Knowledge Sharing for Coastal Resilience in the Asia Pacific region (completed)

4.8 Viet Nam (4 min)

- **4.8.1 OFWG 04 2020A** APEC Seminar on Promoting Circular Economy and Sustainable Materials Management to Effectively Address Marine Plastic Litter in the Asia-Pacific Region (completed)

Session V: APEC working groups and centers (15 min)

5.1 Virtual Working Group on Marine Debris Update- Ms. Olivia Burzynska-Hernande

5.2 APEC Marine Sustainable Development Center- China

DAY 2

18:00 – 21:00 18 August 2022 (BKK)

Session VI: Road maps implementation plans and Economies report (60 min)

Representative of the US delegation and the Chilean delegation will provide an update on the implementation plan and updating process of the MD roadmap and the IUU roadmap, respectively. Members are welcome to present their economies' updates on the 2 roadmaps implementation plan, too.

6.1 General Update on MD road map implementation plan and report of the MD sub working group (5 min) – by US

6.2 General Update on IUU road map implementation plan and report of the IUU sub working group (15 min)- by Chile

6.3 Economy updates

6.3.1 Australia- Combating IUU fishing and promoting sustainable fisheries in Southeast Asia program

6.3.2 Canada

6.3.3 Chile

6.3.4 China

6.3.5 Indonesia

6.3.6 Japan

6.3.7 New Zealand

6.3.8 Peru

6.3.9 Russia

6.3.10 Thailand



Session VII: Guest presentations and Q&A (60 Min)

7.1 World Trade Organisation (WTO) Agreement on Fisheries Subsidies- Ms. Clarisse Morgan, Director of the WTO Rules Division, WTO

7.2 Food and Agriculture Organization of the United Nations (FAO), Dr Matthew Camilleri

7.3 The Nature Conservancy (TNC), Ms. Jun Cheng

05 minutes break

Session VIII- The Secretariat's updates (20 min)

8.1 Specific-forum project presentation: Ms. Lin Jing-yu, Project Management Unit, APEC Secretariat will present high level guidance on developing and assessing quality Concept Notes as well as forum-specific project stats and analysis.

8.2 OFWG project management updates: Ms. Uyen Pham, Program Director will update the outcome of the project session 2, 2022 as well as the

Session IX: The US, 2023 APEC Host presents its priorities in fisheries and marine debris areas (10 min)

Session X: Closing session and other matters (10 min)

10.1 Classification of Document by the Secretariat.

10.2 Closing remarks by the OFWG Interim Lead Shepherd Ms. Monica Rojas Noack.



**Asia-Pacific
Economic Cooperation**

2022/SOM3/OFWG/013

Agenda Item: 4.5.1

**OFWG 09 2020A - Capacity Building on Marine
Debris Monitoring by Using Innovative Technologies
in APEC Region**

Purpose: Information
Submitted by: Chinese Taipei



**19th Ocean and Fisheries Working Group
Meeting
17-18 August 2022**



APEC 2022
THAILAND

OFWG 09 2020A(COMPLETED)

Capacity Building on Marine Debris Monitoring by Using Innovative Technologies in APEC Region.

17 August 2022
Chinese Taipei

PARTICIPATION

- ORGANIZED HYBRIDLY ON 24 – 25 MARCH 2022 IN KEELUNG.
- AROUND **156** PARTICIPANTS AND EXPERTS FROM OVER **13** APEC ECONOMIES, INCLUDING **CHILE, CHINA, MALAYSIA, REPUBLIC OF KOREA, INDONESIA, PERU, MEXICO, THE PHILIPPINES, SINGAPORE, CHINESE TAIPEI, THAILAND, THE U.S., VIET NAM.**
- MORE THAN **47.5%** OF WOMEN PARTICIPATION.



Recommendations

1. The solution of marine debris must be based on and adapt to the **local conditions**.
2. The marine debris can be identified and further calculated through **remote sensing technology** as well as **digital models** where the trajectory of marine debris can be simulated and ultimately estimated.
3. **Digital and de-centralized data platforms can provide real-time information**, allow the government, NGO, researchers and citizen scientists to develop future solutions in the situation in specific regions.
4. Innovative technologies and open data sources can be critical when it comes to marine debris governance. However, **how to coordinate and integrate all the efforts** among economies will be the key issue ahead of us.



APEC 2022
THAILAND

THANK YOU FOR YOUR ATTENTION

17 August 2022
Chinese Taipei



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Ocean Affairs Council

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**Asia-Pacific
Economic Cooperation**

2022/SOM3/OFWG/014

Agenda Item: 4.5.2

**OFWG 02 2022S - Self-Funded Project Outcome:
21st APEC Roundtable Meeting on the Involvement
of the Business/Private Sector in the Sustainability
of the Marine Environment**

Purpose: Information
Submitted by: Chinese Taipei



**19th Ocean and Fisheries Working Group
Meeting
17-18 August 2022**

Outcome of APEC Self-funded Project

The 21st APEC Roundtable Meeting on the
Involvement of the Business/Private Sector in the
Sustainability of the Marine Environment
(OFWG 02 2022S)

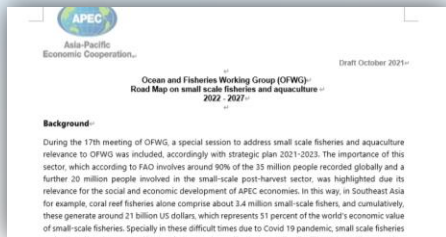
Chinese Taipei
OFWG19 Meeting
17-18 Aug 2022



Background



APEC Roadmap on Small-Scale Fisheries and Aquaculture (SSFA)



APEC Putrajaya Vision 2040

APEC PUTRAJAYA VISION 2040

Our vision is an open, dynamic, resilient and peaceful Asia-Pacific community by 2040, for the prosperity of all our people and future generations.

Remaining committed to APEC's mission and its voluntary, non-binding and consensus-building principles, we will achieve this vision by pursuing the following three economic drivers:

Trade and Investment: To ensure that the Asia-Pacific remains the world's most dynamic and interconnected regional economy, we acknowledge the importance of, and will continue to work together to deliver, a free, open, fair, non-discriminatory, transparent and predictable trade and investment environment. We reaffirm our support for agreed upon rules of the WTO in delivering a well-functioning multilateral trading system and promoting the stability and predictability of international trade flows. We will further advance the Bogor Goals and economic integration in the region in a manner that is market-driven, including through the work on the Free Trade Area of the Asia-Pacific (FTAAP) agenda which contributes to high standard and comprehensive regional undertakings. We will promote seamless connectivity, resilient supply chains and responsible business conduct.

APEC Putrajaya Vision 2040

Promote the development of sustainable and responsible small-scale fisheries and aquaculture in the APEC region

A New Era of Industry
Development

Blue Carbon
Economy



Asia-Pacific
Economic Cooperation



Roundtable Meeting Overview



- **Participants : 80**

Including 19 active participants from 8 member economies

- **Speakers : 12**

Including representative from Chile, Thailand and Indonesia

Policy Recommendation

Session I: A New Era of Industry Development(1/2)

- Multi-stakeholder including women and cross-sectoral collaboration, support from the local government for facilitating cross-sectoral/multi-stakeholder partnership, as well as enabling policy frameworks are backbones to motivate collective efforts in tackling future challenges for sustainable small scale fisheries and aquaculture.
- Synergy among governments and local communities, and preferably, with international organizations to strike a balance among environment conservation, social equality, and economic growth is crucial in aligning practices of sustainable small scale fisheries and aquaculture.
- To ensure the sustainability of environmentally friendly projects of small scale fisheries and aquaculture, it is encouraged that local communities are involved from the beginning of the projects, while the governments are expected to provide not only monetary support but also cooperation in trade, food security and organizational structure.
- The formulation of regulations/laws to promote comprehensive and harmonious development of fishing coves is an efficient measure to coordinate and articulate between the various actors linked to the fishing industries.

Policy Recommendation

Session I: A New Era of Industry Development(2/2)

- The expansion of aquaculture should take the conservation of mangrove and terrestrial ecosystems into consideration, while innovation and social partnership should play a greater role in managing related marine debris issues.
- Collaborations with blue tourism (green tourism) can be considered for community revitalizations and product promotions from small scale fisheries and aquaculture. Dissemination of traditional knowledge, invaluable cultures and landscapes, sustainably managed by fisherfolk can be considered.
- Growing importance of Corporate Social Responsibility and improved industry value added should be leveraged to incentivize greater engagement and investment of enterprises in innovative technologies and application for all aspects relevant to sustainable small scale fisheries and aquaculture.
- Information exchanges of status, challenges and innovative practices in promoting sustainable small scale fisheries, aquaculture and communal livelihood improvement are useful and should be further facilitated among APEC economies.
- International partnership and platforms on science and innovation should be forged to promote sustainable blue economies in the Asia Pacific region.

Policy Recommendation

Session II: Blue Carbon Economy(1/2)

- Solutions that avoid maladaptation and maximize the co-beneficial outcomes can be developed only by considering climate and biodiversity as parts of the complex problem.
- Stepwise strategies and action plans should be developed to ensure the consistency of regulatory framework, management measures, research and monitoring in the marine, coastal and small inlands spatial management.
- Introduction of new funds other than taxes and participation of corporations and large organizations are indispensable in promoting the blue carbon economy.
- Developing a comprehensive blue carbon offset crediting program for seagrass meadows, macroalgal beds and macroalgae farming provides incentives for conservation and rehabilitation efforts.



Policy Recommendation

Session II: Blue Carbon Economy(2/2)

- Other than mangrove, macroalgal beds and salt marshes, the science development of seaweed and kelp should also be highlighted.
- Tradeoffs between ecosystem services, for example, reducing flood risks and storing carbon stocks in mangroves, needs deliberation in terms of ocean and coastal management.
- Solid cooperation on climate change mitigation and adaptation measures to enhance coastal ecosystem restoration and utilization of blue carbon economy value, as well as to strengthen the resilience of coastal communities are needed.
- APEC economies are well-positioned to build regenerative blue forest economies. Addressing financial enablers and implementing demonstration sites can provide opportunities for the private sector and help generate proof-of-concept.





Your comments are welcome!





**Asia-Pacific
Economic Cooperation**

2022/SOM3/OFWG/015

Agenda Item: 4.5.3

**OFWG 06 2021A - Promoting Women's Role in
Ocean Science Towards Sustainable and Inclusive
Ocean Governance**

Purpose: Information
Submitted by: Chinese Taipei



**19th Ocean and Fisheries Working Group
Meeting
17-18 August 2022**

OFWG 06 2021A (ongoing)

*Promoting Women's Role in Ocean Science
towards Sustainable and Inclusive Ocean
Governance*

- Mr. Zih-Jia Li, Section Chief of OAC
Chinese Taipei
17 August 2022



Outline of Topics

Introduction

Fast Facts

Project Goals

Project Tasks

What You Can Help

Introduction

WHY WE NEED TO TALK ABOUT WOMEN'S ROLE IN OCEAN SCIENCE

In recent years, women's rights and gender equality have been gradually acknowledged, and continuously realizing that the full potential of women's contributions remains untapped.

Especially in the field of ocean science, women participation has never been so important. One of the goals within 'United Nations Decade of Ocean Science for Sustainable Development' stresses that we should remove the barriers of gender diversity in order to promote adequate and sustainable investment in improving human-ocean relationships so that everyone can benefit from ocean science.



Fast Facts

Only 39% of ocean scientists are female.

According to 'Global Ocean Science Report (2020)' of UNESCO, gender equality in ocean science has not yet been achieved.

APEC San Francisco Declaration on Women and the Economy (2011)

To encourage economies to take concrete actions to realize the full potential of women.

APEC The La Serena Roadmap for Women and Inclusive Growth (2019-2030)

To mark the systemic barriers that limit the economic empowerment of women of all backgrounds.

Project Goals

PROMOTING WOMEN'S ROLE IN
OCEAN SCIENCE TOWARDS
SUSTAINABLE AND INCLUSIVE
OCEAN GOVERNANCE

This project through a **thorough study**, a **workshop**, and a **fieldtrip**, aims to gather economies for exchanges and discussions on the status and roles of women in ocean science, and ultimately propose feasible solutions and policy recommendations.

Also, this project echoes the APEC 2022 theme “Open. Connect. Balance.” and links to the UN SDGs.



Project Tasks

1

RESEARCH

The current situation and issues of women's participation in ocean science in the APEC region will be summarized through *literature review*, *questionnaires*, *interviews*, and following *analysis*.

3

FIELDTRIP

Together with the workshop, Chinese Taipei's experience of promoting women's involvement in ocean science will be demonstrated in the *on-site* fieldtrip.

2

WORKSHOP

Based on the research issues, a workshop will be hold, where the representatives from all APEC economies will be invited to *communicate and discover the possible solutions together*.

4

FINAL REPORT

Combining the above-mentioned research, workshop and fieldtrip, the findings of these activities will be *published a report on the outcomes* of women in ocean science.

What You Can Help



Fill out the questionnaire.

You may help us complete the survey via filling out the questionnaire for better understanding of women's participation in ocean science in APEC.



Recommend Female Scientists for the interview.

Also, you may recommend female scientists and entrepreneurs of your economies to take our interviews.



Sign up for the workshop.

And most important of all, let's together discuss and exchange our progress for making a greater APEC environment for women's participation in ocean science.

THANK YOU FOR YOUR ATTENTION.



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**Asia-Pacific
Economic Cooperation**

2022/SOM3/OFWG/016

Agenda Item: 4.5.4

**OFWG 07 2021A - Good Practices for Traceability
Mechanism of Marine Debris Recycled Products in
the APEC Region**

Purpose: Information
Submitted by: Chinese Taipei



**19th Ocean and Fisheries Working Group
Meeting
17-18 August 2022**

APEC Funded Project:
Good Practices for Traceability Mechanism of Marine
Debris Recycled Products in the APEC Region
(APEC OFWG 07 2021A)

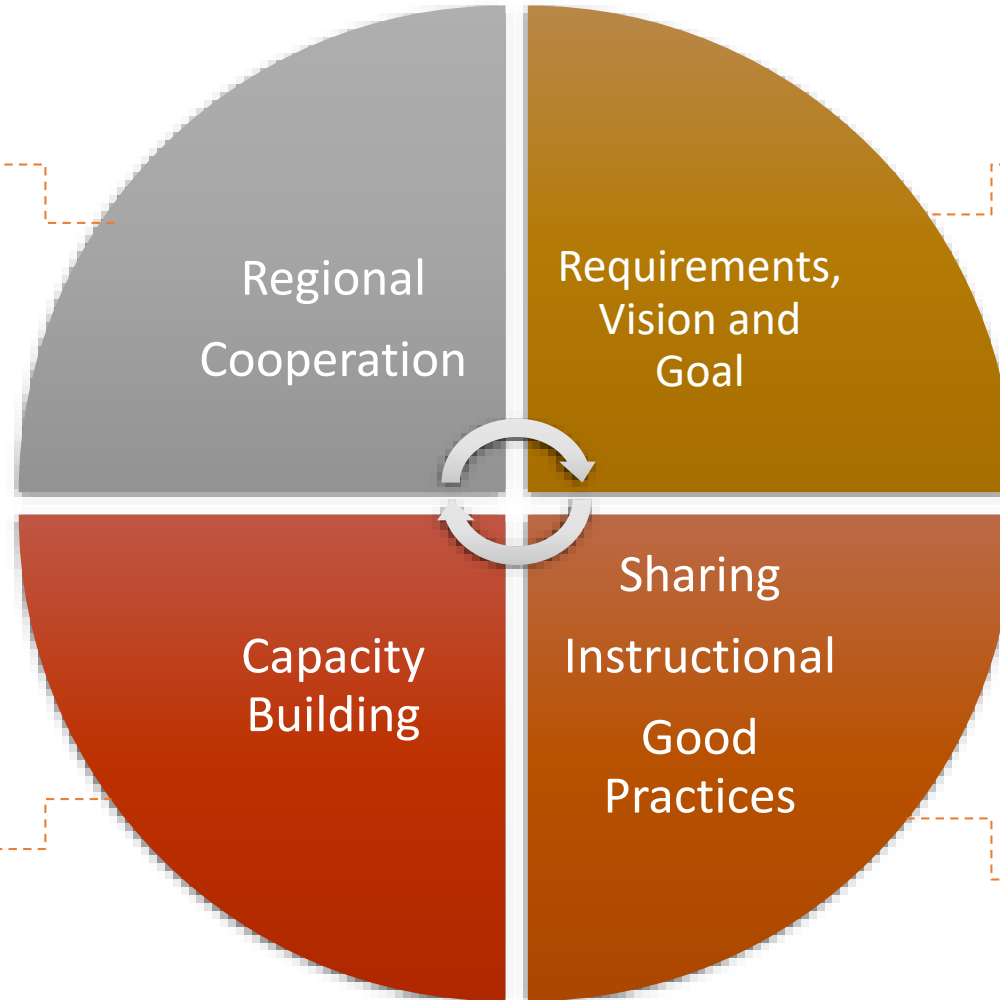
Chinese Taipei
17 August 2022

Project Concept

Traceability Mechanism of Marine Debris Recycled Products

- Marine waste recycling technologies solutions

- Policy Recommendation
- Dissemination activities - **Project Report**



- Research Work
- Hybrid Workshop & discussions
March 2023 in Taipei

- Case study method applied

Beneficiaries



- Formulate an enhanced edition of public policy on prevention measures and traceability programs in their region and advance the cross-economy collaboration in the future.

- Discovery the needs of private sectors
- Modify and upgrade current technologies or further develop new technologies to enhance private sector capacity.

- Advanced Technology will be introduced to establish a new production model

- Utilize knowledge and skills and bring them back to their region as an approach reference.



Objective

- To advance the circular supply chain and sustainable society
- To enhance capacity building
- To build regional networking

Thank you for your attention