



FIFTH PACIFIC REGIONAL ENERGY AND TRANSPORT MINISTERS' MEETING

Warwick Hotel, Port Vila, Vanuatu, 08 – 12 May 2023

“Accelerating decarbonisation in the Blue Pacific”.

EFATE OUTCOME STATEMENT

Port Vila, Vanuatu, 11-12 May 2023

INTRODUCTION

1. The **Fifth Pacific Regional Energy and Transport Ministers' Meeting** (5TH PRETMM) was organized by the Pacific Community (SPC) and hosted by the Government of Vanuatu (GoV) at the Warwick Le Lagoon Resort, Port Vila, Vanuatu from 8-12 May 2023. The theme of the meeting was *“Accelerating Decarbonization in the Blue Pacific”* and was convened by hybrid means so participants attended in-person or virtually.
2. The weeklong meeting consisted of the following meeting: (i) on Monday 8/5/23, side events by several partners followed by the Official Opening; (ii) on Tuesday 9/5, parallel meetings of Energy and Transport Officials; (iii) on Wednesday 10/5, parallel meetings of Energy and Transport Officials to adopt their resolutions followed by joint Ministerial dialogues, including dialogue with partners; (iv) on Thursday 11/5, separate meetings for Ministers of Energy and Transport; and (v) the final joint meeting was held on Friday 12/5 for Ministers to discuss and adopt the Outcome Statement.
3. Energy and Transport Ministers from the following Members of the SPC attended the meeting: Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Republic of the Marshall Islands, Nauru, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu and Wallis and Futuna. Heads of delegations and/or senior officials also attended on behalf of Ministers of Energy and/or Transport of Australia, New Zealand, Palau, Tokelau and United Kingdom.
4. The meeting was also attended by representatives from CROP agencies and other regional and international development partners including, Department of Climate Change, Energy, the Environment and Water (DCCEEW), Global Green Growth Institute (GGGI), International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA), International Hydrographic Organization (IHO), International Maritime Organization (IMO), International Renewable Energy Agency (IRENA), Office of the Pacific Energy Regulators Alliance (OPERA), Oil Spill Response Limited (OSRL), Pacific Power Association (PPA), Pacific Fusion Centre (PFC), Pacific Region Infrastructure Facility (PRIF), Pacific Energy Gender Initiative (PEGI), Pacific Women In Maritime Association (PacWIMA), South-West Pacific Hydrographic Commission (SWPHC), Secretariat of the Pacific Regional Environment Programme (SPREP), Sustainable Energy Industry Association of the Pacific Islands (SEIAPI), United Nations Industrial Development Organization (UNIDO), University of New South Wales (UNSW), University of the South Pacific (USP), Utility Regulatory Authority (URA), Pacific Blue Shipping Partnership (PBSP), World Bank; and various private sector partners and NGOs.

5. The full list of participants from Members and partners is in **Appendix I**.
6. The Honourable Alatoi Ishmael Kalsakau Mau'koro, Prime Minister of Vanuatu, officially opened the meeting on the 8th of May 2023 and delivered the keynote address. The joint ministerial storian (dialogue) on Wednesday 10th May 2023 was chaired by the Honourable Ralph Regenvanu, Minister of Climate Change Adaptation, Meteorology, Geo-Hazards, Energy, Environment and National Disaster Management Office (MoCC) of the GoV. On Thursday 11th May, the meeting of Energy Ministers was chaired by Honourable Ralph Regenvanu and the meeting of Transport Ministers was chaired by Honourable Marcellino Barthelemy, Minister of Infrastructure and Public Utilities of the GoV.

The Ministers:

7. **Expressed** their gratitude to the Honourable Alatoi Ishmael Kalsakau Mau'koro, the Government, and people of Vanuatu for their warm welcome and hospitality. Ministers also recognized the Honourable Ralph Regenvanu and the Honourable Marcellino Barthelemy for their leadership in chairing the ministerial meetings.
8. **Also expressed** their warm appreciation to the GoV, the Governments of Australia, and New Zealand, for their funding support, and the SPC for the excellent organisation of the meeting and **welcomed** the participation of Ministers and officials from members, delegates from CROP agencies, and regional and international development partners to the meeting.

JUST AND EQUITABLE TRANSITION

AGREED on the following regarding JUST AND EQUITABLE TRANSITION.

9. **Reaffirm** that climate change remains the single greatest existential threat facing the Blue Pacific. The effects of climate change are real, appalling and existential in Pacific Island societies today. This defining issue worsens daily without urgent action to address the source of emissions.
10. **To prioritize** a people-centred approach to achieving a Just and Equitable Transition towards a Fossil Fuel Free Pacific, enabling and implementing the Port Vila Call to Action.
11. **To call** on Pacific Island leaders to consider the formal endorsement of the Port Vila Call to Action at the PIF Leaders Meeting hosted by the Cook Islands in November 2023.
12. **To pursue** a unified, urgent, strong, and regional position to phase out fossil fuels, acknowledging that the pathway is not immediate nor one-size fits all, and must be implemented in a nationally determined way in recognition that all of PICTs are still dependent on fossil fuels, are highly vulnerable to the worsening impacts of climate change, are not responsible for the climate crisis, and have limited financial, technical and human capacity.
13. **To call** for PICTs to collaborate to strengthen the international legal frameworks that motivate decarbonisation and the mobilisation of adequate climate finance, with sovereign

consideration of actions within the *Port Vila Call for a Just Transition to a Fossil Fuel Free Pacific*, such as the development of a Fossil Fuel Non-Proliferation Treaty.

14. **To call** for PIF Leaders to consider establishing a Pacific Energy Commissioner for a Just and Equitable Transition to a Fossil Fuel Free Pacific.

FINANCE

AGREED on the following regarding FINANCING OF JUST AND EQUITABLE TRANSITION.

15. **To request**, in international fora and in bilateral negotiations, that PICTs receive substantially greater levels of climate finance to fully address their special circumstances and needs.
16. **To call** on development partners to increase their efforts to support members to mobilize new, additional, scaled-up, timely, predictable, grant-based, flexible, fit-for-purpose and accessible finance, technology and capacity to accelerate decarbonization in the Blue Pacific.
17. **To call** for climate finance to be based on the principles of polluter pays and climate justice, noting that PICTs should not be responsible for meeting the costs of developed countries' and major emitters' failures to meet their commitments to mitigation, adaptation and finance under the Paris Agreement and other international treaties and conventions.
18. **To commit** to work together, and with other partners, to maximize impact at the UNFCCC to negotiate reforms to the Green Climate Fund and simplify other existing and new operational modalities of the Financial Mechanism.

PARTNERSHIPS

AGREED on the following regarding PARTNERSHIPS.

19. **To demonstrate** leadership to foster genuine and inclusive partnerships to accelerate decarbonisation of the energy and maritime transport sectors.
20. **To express** gratitude to those who presented their commitments to Ministers in the partner dialogue including CROP agencies, the private sector, civil societies, partners and scientific agencies along with communities and other national stakeholders.

ENERGY SECTOR

AGREED to implement the following key priorities for the ENERGY SECTOR.

Regional collaboration and partnerships

21. **Reaffirm** the critical importance of the Leaders' call for a clear pathway for energy security and the urgent need for decarbonisation of energy systems including electricity, transportation and clean cooking; and the need to address supply chain issues, rising costs of fuel and knowledge gaps.

22. **Call for** enhanced implementation of all PRETMM outcomes in close collaboration amongst PICTs and development partners and for SPC to provide annual update to the national officials and partners.
23. **Highly appreciate** the collaborative work to prepare, fund and implement the FESRIP 2021-2030 by a range of partners and called on SPC, relevant CROP agencies and other partners to further implement the framework and the region's collective efforts towards a just, sustainable and decarbonised energy sector.
24. **Acknowledge** the critical role of OPERA in promoting the independence, professionalism, accountability and visibility of electricity/energy regulators and strongly encourage non-OPERA members to join the alliance.

Financing, resource mobilisation and private sector engagement

25. **Call on** donors, private sector and other development partners to urgently mobilise additional funding for the implementation of the FESRIP, Minimum Energy Performance Standards and Labelling, PEGSAP, OPERA, E-mobility program, waste-to-energy programmes, energy planning frameworks and tools, green hydrogen, ocean energy technologies, petroleum advisory, and to report annually to SPC on progress.
26. **Reiterate** the 2019 Ministers decision on the Pacific Regional Data Repository (PRDR) and request the World Bank to facilitate its implementation as part of the Regional Energy Resilience Programme and report back to Ministers by end of 2024.
27. **Acknowledge** the work done to catalyze private sector participation and investment in the energy sector by partners such as SPC, CAMCO, PFAN, CFAN, GGGI and others and call for more efforts and initiatives to enable private sector engagement, prioritizing local businesses and entrepreneurship.

Capacity building and planning

28. **Call on** PICTs and partners to prioritize capacity building and training in the areas of public-private partnerships, energy efficiency, data management, through accredited training in sustainable energy, south-south cooperation, and other modalities.
29. **Call on** PICTs, SPC, PCREEE, PPA and other partners to develop and use enhanced and tailored energy planning frameworks and capacity expansion tools for net zero outcomes, with a focus on future demand assessments, universal energy access, transitioning fossil fuel dependent sectors, hydrogen energy sources, meeting 100% renewable targets, electrifying road transport/household/commercial uses, securing island grids with high variable renewable penetrations, expanding distributed microgrids, jurisdictional planning and expanding solar home systems for remote communities.

Gender mainstreaming

30. **Request for** peer Energy Ministers to serve as champions in promoting gender in the energy sector and for relevant agencies to jointly pursue the goal of a more gender diverse labor force to spearhead women's empowerment based on collection and analysis of gender disaggregated data.
31. **Endorse the** establishment of the Pacific Energy Gender Initiative (PEGI) Regional Steering Committee to spearhead the implementation of the PEGSAP and call on PICTs and

development partners to support the PEGI and World Bank's PWIP and other regional energy gender initiatives.

Innovative technologies to accelerate decarbonisation

32. **Recognize** the decarbonization potential of emerging technologies such as ocean energies, green hydrogen and its derivatives, geothermal, bioenergy, waste-to-energy, electrical vehicles and called for further analysis and enhanced development in the region.
33. **Call on** IRENA and other partners to further examine the potential role of green hydrogen and its derivatives for decarbonisation of the Blue Pacific with a view to developing a timebound Pacific regional green hydrogen strategy.
34. **To develop** an ocean readiness programme preparing the PICTs for future ocean renewable energy technologies, which aims to mitigate barriers and brings latest innovations to the Pacific, led by SPC/PCREEE, UNIDO and SIDS DOCK, including cooperation with the Global Ocean Energy Alliance (GLOEA) and other centers of the Global Network of Regional Sustainable Energy Centers (GN-SEC).
35. **Call on** PICTS to roll-out E-Mobility programs including the adoption and implementation of EV policies, standards and roadmaps, infrastructure and disposal of used batteries.

MARITIME TRANSPORT SECTOR

AGREED on the following key priorities for the MARITIME TRANSPORT SECTOR.

36. **To commit** to mobilising appropriate resources, finances, infrastructure, technology and capacity building for a safe, resilient, green, clean, digital, gender-just maritime transport for the Blue Pacific.
37. **To recognise** the central role of the sector in transitioning to a fossil fuel free Pacific mindful that all Members are at different stages of development and encourage strategic dialogue and partnerships for a just and equitable transition of the maritime transport sector.
38. **To affirm** a collective commitment for effective cooperation, coordination and determined actions for maritime transport regionally and internationally, including the crucial aspect of maritime safety.
39. **To commit** to develop one-maritime framework with appropriate plans and solutions aligned to the 2050 Strategy for the Blue Pacific Continent that are adaptable to varying circumstances across the region, and incorporating monitoring, evaluation and learning.
40. **To call** for a conducive environment to access climate finances and implement transformative programmes in the maritime sector, as well as access to reliable investment in the sector.

RESOLUTIONS OF ENERGY AND TRANSPORT OFFICIALS

41. Considered and endorsed the Resolutions of Energy and Transport Officials. The Energy Officials' Resolution is attached as **Annex II** (Details of Energy Ministers Outcome) and the

Transport Officials' Resolution forms the agenda of Transport Ministers whose deliberations are attached in **Annex III** (Details of Transport Ministers Outcome) to this *Outcome Statement*.

SIXTH PACIFIC REGIONAL ENERGY AND TRANSPORT MINISTERS' MEETING.

42. Ministers appreciate the offer from the Government of Papua New Guinea to host the Sixth Pacific Regional Energy and Transport Ministers' Meeting in 2026.

Adopted in Port Vila, Vanuatu this 12th day of May 2023.

ANNEX II

DETAILS OF ENERGY MINISTERS' OUTCOME

Port Vila, Vanuatu, 11 May 2023

Preamble

1. With the global recovery from COVID-19 and the continued vulnerability of PICTs to fossil fuel reliance and climate change, the Pacific Community (SPC), in partnership with the Government of Vanuatu, organised parallel meetings of Energy and Transport Officials in Port Vila, Vanuatu on 9th May 2023 as part of the Fifth Pacific Regional Energy and Transport Ministers' Meeting (PRETMM), on the theme of **Accelerating Decarbonization in the Blue Pacific**. The meeting for Energy Officials was attended by representatives of ministries or departments of energy, heads of energy departments or other delegates from Members of the SPC, including the following Pacific Island Countries and Territories (PICTs): Australia, Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Nauru, New Caledonia, New Zealand, Palau, Papua New Guinea, Republic of the Marshall Islands, Samoa, Solomon Islands, Tonga, Tokelau, Tuvalu, United Kingdom and Vanuatu. Representatives of regional and non-governmental organisations, development partners and private sectors also attended. The list of participants is shown in **Appendix II**.
2. The meeting expressed its great appreciation to the Government and People of Vanuatu, the Governments of Australia and New Zealand as major donors of the 5th PRETMM, and the SPC for the excellent organisation of the meeting. Additionally, the financial contribution of the International Renewable Agency (IRENA) and the World Bank is acknowledged. Mrs Eslene Garaebiti, Director General for the Ministry of Climate Change Adaptation, Meteorology, GeoHazards, Energy, Environment and National Disaster Management Office (MoCC) in Vanuatu was elected as Chair of the Energy Officials Meeting.
3. The substantive agenda items reflected an all-inclusive partnership with a total of fifteen (15) energy papers (6 information papers and 9 discussion papers) prepared by multilateral, regional and national energy stakeholders¹ and aligned to the FESRIP priority areas. These papers were circulated to Energy Officials of PICTs in the month prior to this meeting. The Chair introduced the objectives and recommendations proposed for each paper and thus solicited discussions and resolutions.

Resolutions on Agenda Items

4. The meeting considered the following papers and resolved as follows;

¹ [Pacific Community (SPC), Secretariat of the Pacific Regional Environment Programme (SPREP), University of the South Pacific (USP), Pacific Power Association (PPA), Pacific Islands Development Forum (PIDF), World Bank, Asian Development Bank (ADB), International Renewable Energy Agency (IRENA), University of New South Wales (UNSW), Loughborough University, Climate Finance Access Network (CFAN), Private Financing Advisory Network (PFAN), CAMCO, Global Green Growth Institute (GGGI), United Nations Industrial Development Organisation (UNIDO), Australia's Department of Climate Change, Energy, the Environment and Water (DCCEEW), SIDS DOCK, Office of the Pacific Energy Regulators Alliance (OPERA), United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), Vanuatu's Department of Energy, Envirovisy Ltd and Pacific Region Infrastructure Facility (PRIF)]

E1 – Progress on the Implementation of the 4th PRETMM Outcome Statement and the Status of the Region’s Energy Sector

The meeting was informed on the progress of the high priority areas identified during the Fourth Pacific Regional Energy and Transport Ministers Meeting held in 2019 and provided an update on the current status of the energy sector of island member countries and territories. Below is a brief status report on the high priority areas.

(A) Climate Change and coordinated efforts to reduce GHG emissions

The meeting supported the Pacific Leaders’ reconfirmation that climate change remains the single greatest existential threat facing the Blue Pacific, underscoring the urgency to limit global warming to 1.5 degrees through rapid, deep and sustained reductions in greenhouse gas emissions. Leaders emphasised the need for a clear pathway for energy security and urgent requirement for decarbonisation of the energy sector towards renewable energy; and the need to address supply chains issues and rising costs of food. The NDC Hub through GIZ, SPREP, SPC, GGGI, UNDP and IRENA are implementing country NDC requests specific to the 14 PICs national priorities and NDC commitments. PICs have revised their NDCs and energy roadmaps and have also accelerated the adoption and enforcement of energy sector laws in the last three years.

(B) Regional Vehicle for Accelerated Progress

The meeting noted the new Framework for Energy Security and Resilience in the Pacific (FESRIP): 2021 – 2030 was endorsed by Pacific Leaders in August 2021 and launched at COP 27 in November 2022. Through the FESRIP, Leaders have envisioned a future where Pacific people have universal access to secure, robust, sustainable, and affordable electricity, transport, fuel and household energy services. Developed by the Pacific Community, in collaboration with PIFS, SPREP, USP, PPA, PRIF, UNDP, IRENA and the Pacific Island Countries and Territories (PICTs), the FESRIP is a vehicle for accelerated progress on the Sustainable Development Goals (SDGs), the SAMOA Pathway, the 2050 Strategy for the Blue Pacific Continent, Nationally Determined Contributions (NDCs) and respective country energy roadmaps.

(C) Private Sector Targeted initiatives

The meeting noted that the Leaders have recognised the need for strengthening public-private partnerships to leverage greater opportunities in priority areas including energy security. The Office of the Pacific Energy Regulator Alliance (OPERA) has been established and hosted by SPC in its Suva office and ADB has allocated USD 600,000 in grant to support OPERA priority activities in 2022 – 2023. Since 2019, development partners have coordinated their efforts in promoting private sector investment and supporting the installation of renewable energy technologies. Studies have been undertaken in Kiribati (solar PV), Pitcairn Community (solar hybrid PV), Nauru (ocean energy potential), and Tuvalu (biogas). Through PCREEE, support has been provided to the establishment of Sustainable Energy Industry Associations, convening of Energy Investment Forums and technical assistance on sustainable energy business start-ups and entrepreneurship. A Regional E-mobility Policy and Program has been prepared and rolled out in 2021. PIDF and Fiji support United Nations Systems Staff College (UNSSC) established a sub-regional office in Suva in 2019 to identify opportunities for South-South cooperation among Pacific SIDS.

(D) Maintaining the Momentum

The meeting noted the region’s capacity building has continued to move towards more officially accredited /industry recognised qualifications constructed around a “competency” and “skill-set” approach. The EU PACTVET Project had delivered the remaining activities on Sustainable Energy in early 2021. There is still a need for on-going support. For instance, PCREEE supported Tonga to get its National Certificate on Sustainable Energy Levels 1 & 2 adopted in 2020 and started delivering to students in 2022 whilst developing Levels 3 & 4. A training of trainers was also supported in PNG. The support and active participation of professional industry groups such as the Sustainable Energy Industry Association of the Pacific Islands (SEIAPI) and the Pacific Regional Federation for Resilience Professionals (PRFRP) in the development and accreditation of regional qualifications is crucial. With the support and assistance of the Pacific Appliance Labelling and Standards (PALS) programme, Kiribati, Samoa, Tonga and Vanuatu have got their Energy (Management) Act and the MEPSL legislations passed by Parliament.

(E) Sustainability of Regional Energy Service Delivery

The meeting noted that the regional energy programme, hosted by SPC, continued to rely mostly on project funding. The areas of energy data management, petroleum, energy efficiency and capacity building need urgent support and strengthening. On energy data management, SPC has developed a proposal with the World Bank based on the PRDR strategy 2018-2023 and is awaiting the next steps to securing the World Bank's support and approval of the proposal. Ongoing data collection and policy advisory have been provided to countries from SPC, GGGI, IRENA, NDC Hub and UNESCAP. Note the PRIF and SPC collaboration in compiling the 2018-2019 Pacific Infrastructure Performance Indicators (PIPIs) that was published in 2021. Ongoing efforts are being pursued by SPC to secure funding for petroleum advisory services and ongoing assistance from Hale & Twomey (Envisory) in supporting Pacific Islands Petroleum Regulators in the region. Through SPC and SPREP as Accredited Entities of the Green Climate Fund (GCF), a number of proposals and concept note have been developed with the countries and submitted to GCF.

4. Energy Ministers decided to:

- a) **Reaffirm** the critical importance of the Leaders' call for a clear pathway for energy security and the urgent need for decarbonisation of energy in the space of electricity, transportation and clean cooking; and the need to address supply chain issues, rising costs of fuel and knowledge gaps.

- b) **Call** for enhanced implementation of the PRETMM outcomes in close collaboration amongst PICTs and development partners with a particular focus on public-private partnerships, urgent funding support for PacTVET and PALS, strengthen energy data management and petroleum advisory and achieving our national targets and international commitments.

E2 – Progress of Energy Projects Implemented by SPC

The meeting discussed and noted the update provided by SPC regarding the implementation of its energy projects / programmes. The following projects had been / are currently implemented by SPC between 2019 and 2023:

(A) Waste-to-Energy

The meeting noted the implementation of the Pacific Adoption of Waste-to-Energy Solutions (PAWES) Project by SPC and SPREP and the funding support of EUR 2.8 million from the European Union through the Organisation of African, Caribbean and Pacific States' (OACPS) Research and Innovation Programme. The objective of the project is to enhance solid waste management and energy security in five Pacific Island Countries (PICs): Marshall Islands, Papua New Guinea, Solomon Islands, Samoa, and Tuvalu.

(B) Renewable Energy and Energy Efficiency

The meeting recognised the funding support (11.625m EUR) from the EU for the implementation of component 2 of the EU EDF 11 FSM Sustainable Energy and Accompanying Measure (SEAM) Project with the specific objective to increase access to renewable electricity and support private sector investment in energy efficiency (EE) and renewable energy (RE) in the FSM. The project strengthens the institutional, governance and capacity of the energy administration in FSM including creating or strengthening the necessary enabling environment to encourage participation of the private sector players in the areas of EE and RE and increasing access to electrification.

(C) Clean Cooking

The meeting highlighted the implementation of the project "Transforming Local Communities through Domestic Biogas System in Funafuti, Tuvalu", with funding support of 100,000 USD from the US government. This project will install 20 Domestic Biogas Systems (DBS) in Funafuti as well as the wider use of the biogas technology and circular economy in Tuvalu.

(D) Gender Mainstreaming

The meeting noted the funding support of the Canadian Trade and Investment Facility for Development (CTIF) for the development of the Pacific Energy and Gender Strategic Action Plan (PEGSAP) 2020-2030. The PGSAP was officially launched at the inaugural Pacific Women in Energy Conference in 2022 in which the Pacific Energy Gender Initiative (PEGI) Regional Steering Committee was formed to oversee its implementation of the PGSAP, with SPC as the Secretariat.

(E) Private Sector & Entrepreneurship

The meeting noted that PCREEE has begun rolling out the regional e-mobility Programme with various awareness, legal assistance, and national and training workshops on e-mobility. The following assistance has been / will be provided by PCREEE to PICs: (i) supporting new energy business start-ups and improve business opportunities to members of national industry associations, (ii) convening energy investment forums to raise awareness to the investment opportunities in renewable energy and energy efficiency, (iii) conducting training workshops on mini-grid systems, and (iv) is ready to roll out the Solar Technology and Application Resource Centre (STAR-C) programme.

(F) Climate change and resilience

The meeting noted the implementation of the Pacific Adaptation to Climate Change and Resilience (PacRES) Project with a total funding of Euro 12million from the EU. Implemented by SPREP, SPC, USP and PIFS, the project focuses on implementing activities that are directly relevant to the implementation of national climate change adaptation and mitigation priorities, NDCs and other elements of the Paris Agreement relevant to the Pacific Islands region.

(G) Capacity Building

The meeting noted the successful completion of the EU-Pacific Technical and Vocational Education and Training on Sustainable energy and Climate Change Adaptation (European Union PacTVET) Project in March 2021. Implemented by SPC and USP, the project objective was to enhance Pacific regional and national capacity and technical expertise to respond to climate change adaptation and sustainable energy challenges. Without ongoing funding support, the continuity of efforts at the national and regional level are uncertain.

5. Energy Ministers:

- a) **Highly appreciate** the continued efforts of SPC and development partners in improving energy security in the Pacific and acknowledge the collaborative efforts by countries and development partners, including reviving the PEG Network, and the development and implementation of the Pacific Energy Gender Strategic Action Plan (PEGSAP) 2020-2030.
- b) **Call on** financing institutions, development partners and PICTs to dramatically upscale the resources mobilized for energy security actions, including by pooling together resources, continue implementation of PGSAP, waste-to-energy and clean cooking, investing in and promoting private sector engagement in energy efficiency and conservation.

E3 – Pacific Women in Power Program

The meeting noted and emphasised the following: (i) the Pacific Power Association's (PPA) mission to support its members to promote and advance gender equality within a diverse and motivated workforce, (ii) Across the Pacific, expanding and modernizing the energy sector is vital since the limited availability of energy constrains human and economic development, (iii) Women's low representation in the utility workforce is closely linked to their low representation in STEM fields and managerial positions, (iv) Culturally embedded perceptions of women's role in the labour market and family, significantly limit women's economic opportunities across the Pacific region, and (v) Increasing women's employment in the energy sector is good for the sector and for economic development overall for the Pacific.

The meeting noted the World Bank's Pacific Women in Power (PWIP) Program development objective is to enhance women's employment and economic empowerment across various Pacific Island energy institutions which are in Small Island Developing States (SIDS) to build a strong, diverse workforce in the energy sector.

To continue the momentum in trying to address the gender imbalance in the energy sector, the PWIP Program will work very closely with PPA, SPC, PEGI Regional Steering Committee, power utilities, energy ministries, educational and financial institutions, private sector businesses, and other key Pacific stakeholders to implement the PEGSAP and other gender initiatives. It is critical for the success of the program to ensure relevant stakeholders to program activities actively participate and are supported by leadership and management.

6. **Energy Ministers** decided to:

- a) **Endorse** the establishment of the Pacific Energy Gender Initiative (PEGI) Regional Steering Committee to spearhead the implementation of the PEGSAP, supported by nationally led and other regional energy gender initiatives.
- b) **Support** collaboration with the World Bank's PWIP and agreed to jointly pursue the goal of a more gender diverse labor force in identifying potential priority interventions to promote women's employment in the energy sector.
- c) **Agree** to request peer Energy Ministers to serve as champions to promote this program through their respective ministries' collaboration with the WB, PPA, SPC, other development partners and relevant stakeholders to address the challenges and maximize benefits of gender equality in the Pacific energy sector.

E4 – Strengthening Partnerships for the Implementation of the Framework for Energy Security and Resilience in the Pacific

The meeting noted SPC's effort in collaboration with PIFS, SPREP, USP, PPA, PRIF, and UNDP in developing the Framework for Energy Security and Resilience in the Pacific (FESRIP) 2021-2030. The Heads of SPC, PIFS, USP, SPREP and PPA have signed the FESRIP demonstrating their commitment to jointly own and implement the framework, prior to the Pacific Islands Forum Leaders' endorsement in August 2021. The goal of the FESRIP is to enable universal access to secure, robust, sustainable and affordable electricity, transport fuel and household energy services that are resilient to climate change and natural disasters, and are increasingly supplied by renewable resources, with improved energy efficiency, and upgraded energy infrastructure and improved technologies.

The meeting highlighted that since the beginning of the joint effort for the implementation of the FESRIP in 2021, SPC has attracted the following partnerships and funding: (i) ADB is funding OPERA mainly in capacity building, technical studies and information sharing, (ii) the EU-OACPS funded Pacific Adoption of Waste to Energy Solution Project currently implemented by SPC and SPREP, (iii) the US Government funding for the Tuvalu Biogas Project, (iv) a Gender Adviser has been engaged through Australia's RedR to coordinate and spearhead the implementation of the PEGSAP, (v) financial assistance provided by the Austrian Development Agency in support of PCREEE's work on electric mobility, renewable energy mini-grids and support to the tsunami recovery effort in Tonga, (vi) New Zealand MFAT's funding for energy through the SPC Climate Change Flagship, and (vii) Australia's Department of Climate Change, Energy, the Environment and Water (DCCEEW) is the main donor partner of the 5th PRETMM.

The meeting supported the Pacific Leaders vision for a clear pathway for energy security and urgent requirement for decarbonisation of the energy sector towards renewable energy during the 51st Pacific Islands Forum Leaders Meeting that was held in Suva, Fiji in July 2022. Enhancing partnerships is critical to the successful implementation of the FESRIP. The assistance of partners and donors are necessary in

ensuring the implementation of the FESRIP is adequately resourced which, in turn will contribute to the region's collective effort to transition away from fossil fuel and an energy secure Pacific.

7. **Energy Ministers:**

- a) **Highly appreciate** the collaborative work to prepare, fund and implement the FESRIP 2021-2030 by a range of partners and **call** on SPC, relevant CROP agencies and other development partners to dramatically upscale support to further implement the framework and the region's collective efforts towards a just, sustainable and decarbonised energy sector.

E5 – Strengthening private sector financing and participation in energy transition in the Pacific

The meeting highlighted the progress with the establishment of the CAMCO-led “Transforming Island Development through Energy and Sustainability” (“TIDES”) - a special blended finance platform for the Pacific aimed at providing flexible financing to local renewable energy developers, and the available advisory and capacity building services through the Climate Finance Access Network (CFAN) and the Private Financing Advisory Network (PFAN). It noted the establishment of the TIDES and continuation of CFAN and PFAN work in the Pacific as well as building capacity in the PICTs to attract and mobilize private finance.

The meeting noted the lack of availability of evidence-based bankable projects and programs, innovative financing facilities and instruments, and limited finance expertise in the PICTs is a major barrier to the energy transition. To address these challenges, CAMCO, CFAN, PCREEE and PFAN are working to develop pipelines of investment-ready energy projects and introduce a market building facility to support capacity building in the region to enable continued sustainable development of the renewables sector.

The meeting noted that based on its successful experiences in Africa, CAMCO is developing the TIDES financing platform to support the implementation of a stable, sustainable and prosperous Pacific Region. TIDES is aligned with the priorities of the FESRIP and has recently signed a MoU with SPC to collaborate to promote renewable energy and energy efficiency solutions for the sustainable development of the PICTs. 13. CAMCO is currently in the process of completing the fundraising process with a target first close of 1st quarter 2023.

The meeting noted PFAN's current pipeline of projects in the region as well as GGGI/CFAN's extensive project pipeline at different stages of development in the region.

8. **Energy Ministers** decided to:

- a) **Acknowledge** the work done to catalyze private sector participation and investment in the energy sector by partners such as SPC, CAMCO, PFAN, CFAN, GGGI and others and call for more efforts and initiatives to enable private sector engagement, prioritizing local businesses and entrepreneurship.

E6 – Energy Resilience in the Pacific

The meeting noted the World Bank financing in the energy sector has focused on facilitating green, resilient, and inclusive development in the PICs. It has financed projects to help expand the level and quality of electricity access, switch fossil fuels-based to renewable energy-based power generation, strengthen implementation capacity, and more recently develop investment plans to enhance power sector climate resilience. The World Bank has active energy portfolio in FSM, PNG, Republic of Marshall Islands (RMI), Solomon Islands, and Tuvalu. Other World Bank funded initiatives include: (i) collaboration with the Pacific Power Association (PPA) through the Sustainable Energy Industry Development Project (SEIDP) has resulted in several successful initiatives; (ii) several key assessments to prepare PICs' sustainable and resilient energy futures; and (iii) advancing the conceptualization of the Pacific Regional Data Repository (PRDR) that underpins the energy transition in PICs.

The meeting acknowledged that the World Bank regional program will fund several investments, technical assistance activities, and capacity building grouped under four component objectives: (i) accelerate transition to renewable power generation, (ii) enhance power sector resilience to climate change and natural hazards, (iii) achieve last-mile electrification and boost productive uses of electricity, and (iv) strengthen country and regional capacities. The PRDR will be integral to the proposed regional approach to inform the policy and regulatory measures and investments.

9. **Energy Ministers** decided to:

- a) **Call for** enhanced collaboration between World Bank and PICTs with a focus on regional Energy Resilience Programme and the inclusion of the PRDR.
- b) **Strongly encourage** PICTs Energy and Finance Ministers to collaboratively define and submit concrete financing proposal for renewable energy, just transition and climate resilience in order to activate the World Bank regional energy programme.

E7 – Renewable Energy and Rural Electrification in the Pacific

The meeting appreciated the work being done by the Global Green Growth Institute in the Pacific in Renewable Energy (RE), Energy Efficiency (EE) and Rural Electrification. In the Pacific, GGGI has five member countries: Fiji, Kiribati, Papua New Guinea, Tonga, and Vanuatu with offices and operations in each country. In addition, GGGI also has activities with partner countries: the Cook Islands, Palau, Marshall Islands, Nauru, Samoa, Solomon Islands and Tuvalu through our regional programs and provides capacity building and knowledge sharing activities to all 14 Pacific Island Countries.

The meeting noted the numerous initiatives that have been accomplished / ongoing in the last 4 years under the following GGGI work thematic areas: (i) Policy support work; (ii) green investment mobilization for the energy sector; and (iii) capacity building and rural electrification support.

10. **Energy Ministers:**

- a) **Highly appreciate** the ongoing support from GGGI to Pacific Island Countries in the energy sector on policy development, green investment mobilization and capacity building for RE, EE, rural electrification and in catalysing private sector participation to support the energy transition in the region.
- b) **Call on** PICs to continue to develop and update energy sector policies and legislation, including for rural electrification, RE and EE to enable greater private sector investment in RE and EE initiatives.

E8 – Planning Framework and Tools to Support Regional Net Zero Energy Transition

The meeting highlighted the need for the development of improved planning frameworks and tools to support regional net zero energy transition through higher penetrations of variable renewable energy (VRE) in PICT utility grids, widespread electrification of transport and other suitable sectors, and the use of renewable derived fuels for energy uses that are not amenable to electrification.

The meeting noted that deployment of VRE presents important opportunities for PICTs, but also grid integration challenges related to renewable energy variability, geographic isolation from load centres, limited capacity and flexibility of existing power plants and grid infrastructure, and the complex systems required to operate, control and monitor the power system with new flexible resources. Successful transition from fossil fuels to diversified VRE and other renewable sources will therefore require careful

planning and detailed assessment of reliability, flexibility, adaptive capacity, and grid stability and investments in appropriate technology deployment.

The meeting noted that there are currently only limited regional efforts to support the development of, and data and capacity to use, forward-looking planning frameworks and tools, including Capacity Expansion Modelling (CEM) software, by PICT utilities and other regional stakeholders. Despite significant capacity building efforts including those supported by the World Bank and facilitated by PPA, grid integration of VRE is technically complex and there is still a lack of capacity and technical expertise in planning and modelling for the transition to clean and renewable energy sectors. Most of this work currently is being undertaken by consultants within project timeframes, presenting barriers to local capacity development.

The meeting emphasized the need to identify current approaches to planning and modelling for capacity expansion in the region, and assess the software tools currently available in the market to highlight which tools might be best suited for PICTs to undertake strategic planning and scenario modelling for increasing renewable penetrations while incorporating widespread electrification efforts.

11. Energy Ministers decided to:

- a) **Call for** PICTS, SPC, PCREEE, PPA and other partners to be further supported to develop and use enhanced and tailored energy planning frameworks and capacity expansion tools for net zero outcomes, with a focus on future demand assessments, universal energy access, transitioning fossil fuel dependent sectors, hydrogen energy sources, meeting 100% renewable targets, electrifying road transport/household/commercial uses, securing island grids with high variable renewable penetrations, expanding distributed microgrids, jurisdictional planning and expanding solar home systems for remote communities.

E9 – Fuelling the Pacific Through Green Hydrogen

The meeting highlighted current developments on green hydrogen globally and in the Small Islands Developing States (SIDS), as well as its challenges, advantages, and opportunities. In 2050, hydrogen and its derivatives might account for 12% of final energy use and 10% of carbon dioxide (CO₂) emissions reductions in a net zero emission world. Ensuring a low-carbon, clean hydrogen supply is essential for many countries, especially those with hard-to-abate sectors like chemical and metals. Hydrogen can further contribute to decarbonize international shipping and potentially long-haul aviation and be utilized as a seasonal storage option. Key derivatives to achieve these goals are likely to include green ammonia and methanol.

The meeting emphasised that Green hydrogen remains a high priority on the global energy policy agenda. Project announcements and offtake agreements aiming to kick-start international hydrogen trade, accelerated in 2022 and are expected to increase further in 2023. The majority of project announcements involve governments and companies in future demand centres without sufficient hydrogen production potential to meet possible demands, such as Europe and East Asia. However, countries with major renewable energy potential are also exploring opportunities to produce renewable hydrogen and derivatives for domestic energy intensive industry development but also for potential export.

The meeting noted that the Asia-Pacific region has also gained significant momentum in hydrogen developments. Two players in proximity to the Pacific SIDS are committed to play an important role in the future international hydrogen supply chains: Australia and Japan.

12. Energy Ministers decided to:

- a) **Call for** a dramatic deepening of decarbonisation efforts in PICTS through the recognition of potential contribution of green hydrogen and its derivatives.

- b) **Recommend** to further examine the potential role of green hydrogen in the region and expected timeframe with a view to developing a Pacific regional green hydrogen strategy.

E10 – Call for Ocean Energy Action – Powering the Green and Blue Economy Aspirations of the Pacific

The meeting highlighted the mid-term and long-term opportunities of ocean renewable energy in the context of the blue and green economy aspirations of Small Island Developing States (SIDS) in the Pacific and provides a number of recommendations on ways forward. The blue economy concept includes emerging SIDS-appropriate ocean energy technologies (OETs) as sustainable nature-based solution, which can simultaneously provide energy services to coastal communities and contribute to the decarbonization of the expanding blue industry. Ocean energy includes an array of renewable energy technologies using non-living marine resources (e.g., wave, tidal range/stream, ocean thermal energy conversion, salinity gradients, seawater air conditioning, marine algae and bioenergy) or marine/coastal space (e.g., offshore wind, floating PV, hybrids through co-location, pumped seawater hydropower).

The meeting noted that there are hundreds of different OETs devices which are at different stages of development ranging from R&D to prototyping, demonstration, pre-commercial and industrial roll-out. Large-scale tidal range projects have been deployed commercially in several countries (e.g. France, Canada, China, Russia and South Korea). Tidal stream technology has reached maturity, further R&D and large demonstration projects for wave and other technologies such as OTEC are required. Generally, it is expected, that the OETs will move up to technology readiness level and become commercial within the next decade.

The meeting noted that SIDS DOCK and UNIDO launched the Global Ocean Energy Alliance (GLOEA) for SIDS during various events at the COP26 in 2021 and the UN Ocean Conference in 2022. The initiative is being supported by various Prime Ministers from the Pacific, Caribbean and Africa. The GLOEA is intended to build a bridge between the industry and research players which need to test new solutions in various climates and contexts, and the interest of SIDS to get access to technology and expertise, as well as with investors, project developers and government for the implementation of projects.

13. Energy Ministers decided to:

- a) **Agree** for SPC/PCREEE, UNIDO and SIDS DOCK to develop an ocean readiness programme preparing the PICTs for future ocean renewable energy technologies, which aims to mitigate barriers and brings latest innovations to the Pacific, including cooperation with the Global Ocean Energy Alliance (GLOEA) and other centers of the Global Network of Regional Sustainable Energy Centers (GN-SEC), to attract investment from donors, private sector and other financing instruments.

E11 – Update on the Establishment and Operations of OPERA

The meeting recalled the Energy Ministers decision in 2019 whereby SPC and ADB were directed to establish the Office of the Pacific Energy Regulators Alliance (OPERA) and formulate a sustainable financing mechanism for OPERA. Consequently, it was agreed between SPC and all OPERA members, under a signed Memorandum of Understanding (MoU), that OPERA would be hosted by SPC. ADB approved the provision of 600,000 USD to fund OPERA activities and five Experts.

THE meeting highlighted the following OPERA activities that have been accomplished in the last two years: (i) Solomon Power Ltd and Kiribati's Ministry of Infrastructure and Sustainable Energy (MISE) have joined OPERA as full members, (ii) OPERA annual meeting and training was held in Fiji in October 2022, (iii) OPERA has signed a MoU with the Energy for Growth Hub, (iv) conducting country PPA Watch scoring for some

OPERA members, (v) Solomon Islands country report has been completed, (vi) a number of virtual training workshops were conducted in 2022-2023.

The meeting noted the current ADB funding for OPERA will lapse in December 2023. This brings to the fore the need for a sustainable funding mechanism for OPERA in the next 5 years and beyond. ADB has indicated the possibility of additional funding for OPERA and this funding gap is among the priority areas for the next 3-5 years that have been discussed with other donors and partners.

14. **Energy Ministers** decided to:

- a) **Acknowledge** the critical role of independent electricity / energy regulators and OPERA in collaboration with PICT governments in accelerating the decarbonisation of the Blue Pacific.
- b) **Recognise** ADB's funding and SPC support to OPERA and requested that they and other donors continue supporting OPERA and strongly encourage non-OPERA members to join the alliance.

E12 – Development and Implementation of the Regional E-Mobility Policy and Program

The meeting was informed on the development and implementation of the regional e-mobility policy and programme and seeks support for the early adoption of e-mobility policies, standards and roadmaps. Following the ministers' decision in 2019 whereby SPC's PCREEE, UNIDO, and SIDS Dock were directed to develop a regional electric mobility (e-mobility) policy and a regional e-mobility program, a comprehensive process was undertaken in the development of a regional e-mobility program in 2020.

The meeting acknowledged the funding support from UNIDO, Norway, Austria and United Kingdom allowing PCREEE to roll out the e-mobility program in 2021 notably in the following areas: (i) Policy and Regulation, (ii) Knowledge Management, (iii) Qualification / Certification, and (iv) Promotion of investment, entrepreneurship and innovation.

The meeting noted that it will take a few years to establish sound standards and implement effective legal and regulatory reforms that will have a real impact on industry practices and consumer behaviour when it comes to major technology changes. Additionally, there are newly arising risks associated with the adoption of electric vehicles, so there needs to be some form of management to set minimum standards and technical requirements to protect the nascent market from inferior products and unsafe practices. The meeting was also informed of the need to look into battery waste handling approaches for the region.

15. **Energy Ministers** decided to:

- a) **Encourage** SPC, PCREEE, UNIDO, PRIF, GGGI, UK and interested partners to accelerate the roll out of the regional e-mobility programme including through enhanced actions of the EV Working Group, and increased funding support.
- b) **Call on** PICTS to prioritize the adoption and implementation of EV policies, standards and roadmaps.

E13 – Experiences from Enforcing the Minimum Energy Performance Standard and Labelling MEPSL in Vanuatu

The meeting highlighted the experiences of enforcing the Minimum Energy Performance Standards and Labelling (MEPSL) program in Vanuatu. The Vanuatu Energy Policy Framework and the National Energy Roadmap (NERM) have highlighted that energy efficiency and conservation is one of its key strategic areas that should be promoted and implemented in order to have efficient supply and use of energy.

The meeting noted that Vanuatu, through SPC's assistance, developed and endorsed the Energy Efficiency of Electrical Appliances, Equipment and Lighting Products Act No.24 of 2016. The Act was enacted and implemented from September 2017 to help regulate and promote energy efficiency of appliances in Vanuatu by: (i) prohibiting the importation of inefficient electrical products into Vanuatu, and (ii) establishing a registry database for imported MEPSL products. The regulated products under the Act are refrigerators, freezers, air conditioners, lightings, televisions and clothes washers.

The meeting noted the total estimated number of units per product type imported between 2017 – February 2023 are: (i) Refrigerators: 2,080 units, (ii) Air conditioners: 1,900 units; (iii) Lamps: 1,800 units; (iv) Televisions: 3 units, and (v) clothes Washers: 11 units. The total amount of revenue generated from permits since 2017 is approximately 2,881,850 VT.

The meeting noted the request from Solomon Islands to support review their MEPSL Act on handling disposal goods seized through the programme.

16. **Energy Ministers:**

- a) **Note** the excellent progress made by Vanuatu in the enforcement of MEPSL through the Energy Efficiency of Electrical Appliances, Equipment and Lighting Products Act No.24 of 2016.
- b) **Reiterate** the 4th PRETMM call on PICTs to embark on appliance labelling and standards as one of the means to meeting their Nationally Determined Contributions and call on partners to support EE initiatives in the region including tax incentives for the importation of EE appliances.

E14A – Petroleum Pricing in the Pacific

The meeting recalled the 2019 Ministers statement recognising the need to strengthen the regional petroleum advisory service at SPC to better serve the needs of PICTs and called on development partners to immediately assess and support the delivery of this regional petroleum advisory service. Due to funding constraints, this service has yet to be restored.

The meeting noted that as a result of the gap in petroleum advisory services, Hale & Twomey Ltd conducted the first regional petroleum pricing and procurement conference in 2016 in Wellington New Zealand. To date, Hale & Twomey has completed three face-to-face Petroleum Pricing and Procurement workshops, four webinars and published nine regional fuels market reports. These activities were supported by petroleum regulators in the Pacific. However, due to funding constraints, Hale & Twomey had to work around its commitments to provide these services to its clients.

The meeting noted that the Pacific Islands Petroleum Regulators (PIPR) need support to receive training and capacity building, and to establish a forum for sharing information with energy regulators in the region.

17. **Energy Ministers** decided to:

- a) **Call on** development partners to further support the critical work of the Petroleum Pricing Regulators forum, with a focus on guidance and exchange of fuel price templates, verification, regulation and other petroleum related experiences.
- b) **Encourage** OPERA to consolidate energy regulations in the PICTS and expand its objectives and mandate to include petroleum regulations and for PIPR to become OPERA members in the future.

E14B – Stocktake of Fossil Fuel Subsidies in the Pacific

The meeting highlighted the results of a recent study on Fossil Fuel subsidies among the thirteen Pacific Island Countries (PICs) which are PRIF members, and recommended next steps for data collection, reporting

and monitoring. Fossil Fuels are a significant national expense in the Pacific Islands region. Prior to COVID-19, fuel imports were between 4% to 13% of GDP for PICs. Many countries have policies subsidizing fossil fuels; however these policies can be expensive, not very effective at helping the poor, and delay the transition to renewables.

The meeting recalled the 2017 Ministers decision encouraging reviews of fossil fuel subsidies, including tax and excise policies; agreement to provide assistance and national data for SPC to carry out research and technical assistance regarding fossil fuel subsidies; and directing SPC to conduct further investigations and assess the value of a regional commitment by the Pacific to declare itself as a region free of fossil fuel subsidies. Following these directions from Ministers, the stock-take of fossil fuel subsidies study has been undertaken by the PRIF in 2022-2023 in collaboration with the Pacific Community.

The meeting noted the study identified 68 potential subsidies, of which 33 were quantified. The most common subsidies quantified were revenue forgone from exemptions provided in tax and excise policy, and undertaxed externalities. Many of these measures are not obviously intended to be subsidies (e.g. VAT exemptions on inputs), but consistent with international best practice, they have been identified in the study to promote understanding and evaluation of fossil fuel policy. Direct transfers and support through electricity tariffs are also common but the fossil fuel component of these subsidies is challenging to consistently identify and quantify.

The meeting noted the 33 subsidies quantified had a total value of USD 42 million (excl. externalities) or USD 436 million (incl. externalities) in 2019 across the thirteen countries in the study (including countries for which only partial data was available). On a share of GDP basis, this is equivalent to 0.4% of GDP (excl. externalities) or 4% of GDP (incl. externalities) in 2019. This is likely to be an underestimate of the value of subsidies across the region, given the extent of unquantified direct support to utilities and through electricity tariffs.

The meeting emphasised that more work is needed to ensure that disaggregated budget and tariff data will be readily available for SDG reporting on this indicator, in time for the national reporting required for Phase 3 of SDG reporting on this indicator by 2025.

18. Energy Ministers:

- a) **Note** the concern with the use of fossil fuel subsidies in PICTS, and that their continued use compromises PICTS ability to achieve a Just Transition towards a Fossil Fuel Free Pacific.
- b) **Call** on all PICTS to review effectiveness of fossil fuel subsidy with the view to phase out, supported by strengthened monitoring, information collection and reporting on SDG indicator 12.c.1 by 2025.

Done in Port Vila, Vanuatu on the 11th of May 2023.

ANNEX III

DETAILS OF TRANSPORT MINISTERS' OUTCOME

Port Vila, Vanuatu, 11 May 2023

Preamble

19. The Pacific Community (SPC), in partnership with the Government of Vanuatu, organised meetings of Energy and Transport Ministers in Port Vila, Vanuatu on 11 May 2023. These meetings were organised as part of the Fifth Pacific Regional Energy and Transport Ministers' Meeting (5th PRETMM). The Transport Ministers' Meeting was attended by representatives from Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Republic of Marshall Islands, Nauru, New Caledonia, New Zealand, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, United Kingdom, Vanuatu and Wallis and Futuna. The meeting was also attended by representatives of various Council of Regional Organisations in the Pacific (CROP) Agencies, as well as other regional and international organisations. The list of participants is shown in **Appendix III**.
20. The substantive agenda items for the meeting focused on nineteen (19) transport-related papers that were prepared by the SPC, PICTs, regional associations, and partners. This will be grouped under their priority areas which form the agenda items related to the papers.

Resolutions on Agenda Items

21. The meeting considered the following papers and resolved as follows.

RESOURCING & IMPLEMENTATION OF PRIORITIES IN THE BLUE PACIFIC

TD 01 - Progress of maritime transport with 2019 Priorities

22. **Transport Ministers** decided to:
 - a) **endorse** safety of life at sea as the key priority and **urge** that Partners, and international stakeholders accelerate and scale up funding access for improved ship safety standards and safety management contributing to sustainable maritime transport sector for all in the Blue Pacific.
 - b) **urge** PICTs, Council of Regional Organisations in the Pacific (CROP), and partners to prioritise and accelerate gender equity-based approaches that enhance access for women and girls in the maritime sector, while ensuring progress towards this goal.
 - c) **urge** PICTs, CROP, and Partners to intensify efforts to address endemic obstacles such as limited financial resources, insufficient legal capacity, inadequate access to training and expertise, staff turnover, poor safety standards, and pollution prevention, which threaten progress against priorities for the Pacific maritime sector.
 - d) **endorse** the strategic actions on the implementation of the Pacific MoU for Flag State Implementation, the Pacific MoU on recognition of training and certification (STCW), domestic Safety Management Systems, and associated legal assistance for maritime policy and law.
 - e) **encourage** Partners to embed maritime safety, marine pollution, gender equality, legal capacity, and climate change mitigation issues in their regional projects for PICTs,

recognising the critical role of the maritime sector in the sustainable development of the Blue Pacific.

TD 02 - SPC's sustainable maritime transport services for the Blue Pacific

23. **Transport Ministers** decided to:

- a) **acknowledge** SPC's role as the lead CROP agency in the maritime transport sector and applaud SPC for its dedicated integrated SMART services to members in the Blue Pacific region.
- b) **welcome** other initiatives by PICTs, CROP agencies and regional or international development partners to support PICTs maritime related needs and issues;
- c) **note** the financial constraints faced SPC's maritime team since 2019 which limits its ability to respond to member's SMART needs and priorities; and
- d) **call** on members, according to their means, to support SPC's technical assistance to Member and on international partners to provide SPC with flexible, multi-year programmatic and outcomes-based funding to effectively respond to Member's SMART needs and priorities.

STRATEGIC FRAMEWORK & GOVERNANCE FOR SUSTAINABLE MARITIME SECTOR IN THE PACIFIC

TD 03 – Development of a new Framework for a sustainable maritime sector in the Blue Pacific

24. **Transport Ministers** decided to:

- a) **commend** the SPC and IMO for initiating and funding the review of the FATS and for exploring options for the development of new framework for sustainable maritime transport in the Blue Pacific;
- b) **welcome** IMO's positive response to an earlier call by Transport Ministers to establish the Pacific RPO;
- c) **commend** Australia, Fiji, Papua New Guinea, Solomon Islands, SPC and SPREP for their financial and in-kind support to that initiative;
- d) **support** the proposal to develop a new comprehensive, flexible, and responsive framework focusing on the needs, priorities, challenges and emerging issues in the maritime sector in the Blue Pacific; with clear actions and targets focusing on safety and security, climate mitigation, carbon-free and safe technology transfer and uptake, digitalization of safety of navigation, , institutional, legal, managerial, scientific, maritime cyber security, and technical capacity development to implement global regulations contained in treaty and non-treaty instruments adopted by IMO;
- e) **request** SPC and IMO to take the lead to coordinate the process for PICTs to develop the new framework in collaboration with SPREP, other CROP agencies and Pacific stakeholders, and regional and international development partners, using Futures Thinking tools; and
- f) **request** that SPC and IMO establish a Steering Committee to provide oversight of the process to develop and **encourage** Transport Officials in PICTs to actively take part in the process of developing the new framework for a sustainable maritime sector in the Blue Pacific focussed on members needs and to adopt it before the 6th Pacific Regional Energy and Transport Ministers' Meeting (PRETMM).

MARITIME SAFETY IN THE PACIFIC

TD 05 – Safety of Navigation in the Pacific Islands region

25. **Transport Ministers** decided to:

- a) **encourage** responsible entities to establish governance mechanisms and to administer and finance the delivery of safety of navigation services in accordance with international maritime instruments and best practices;
- b) **call** on ministries responsible for the delivery of safety of navigation in PICs to include in their national plans activities to achieve compliance with international instruments and best practises and improve governance through the adoption of measures and indicators such as those proposed in the SPC’s Guide for Pacific Island Countries in developing a Strategy to implement relevant instruments of the International Maritime Organization and the Regional Strategy on Safety of Navigation in the Pacific;
- c) **commend** SPC for carrying out and reporting on the comparative baseline survey, and for reviewing, developing and tabling for adoption the Regional Strategy on Safety of Navigation 2023 – 2027;
- d) **endorse** the Regional Strategy on Safety of Navigation 2023-2027² and calls on PICs and SPC to implement it and report on such implementation in future meetings of Transport Ministers; and
- e) **request** development partners to provide assistance for the delivery of safety of navigation services in PICTs to align with national plans/priorities and the Regional Strategy on Safety of Navigation 2023-2027.

TD 11 – The new IALA, an international organization for Coastal States

26. **Transport Ministers** decided to:

- a) **note** that the aim and objectives of the Organization align with the geographical contexts and commitments of Pacific Island countries to abide by international norms and obligations, and their evident support for initiatives that contribute to safer and efficient navigation globally, to ensure safety of lives at sea and protection of the marine environment; and
- b) **call** on Pacific Island countries to consider becoming Contracting Parties by acceding to the Convention on the International Organization for Marine Aids to Navigation 2020.

LOW CARBON MARITIME DEVELOPMENT IN THE PACIFIC

TD 04 – Pacific Ports Vision 2030 – 2050 Recognition Framework

27. **Transport Ministers** decided to:

- a) **adopt** the Pacific Ports Vision 2030 – 2050 Recognition Framework;
- b) **applaud** the efforts of the SPC, SPREP, IMO, PMTA, and other ports stakeholders in developing the Recognition Framework; and
- c) **urge** PICTs, development partners and ports stakeholders to commit to the resourcing and implementation of the Recognition Framework.

TD 08 – Green maritime future in the Pacific Islands region³

² PNG requests more time to review the Strategy before deciding its course of action.

³ Fiji to be included in the Annex in the list of PBSP members; correct the number of members from 6 to 7.

28. **Transport Ministers** decided to:

- a) **endorse** strategic actions to strengthen international and regional cooperation and implement transformative projects to reduce maritime GHG emissions and contribute to PICs Nationally Determined Contributions;
- b) **request** major donors and partners to align their technical cooperation efforts to support PICs, including funding demonstration projects to reduce GHG emissions from domestic shipping;
- c) **endorse** the Regional Green Pacific Port project proposal and call PICs to reach out to SPC through their Green Climate Fund National Designated Authorities to express interest;
- d) **agree** to increase and resource the presence of PICs transport officials in all international and regional meetings to build capacity and contribute to advocating for an equitable transition and a green maritime future for the Pacific Islands' region; and
- e) **support** the proposed holistic approach to Safe, Green and Digital Maritime Future in the Pacific Islands region.

TD 09 – Pacific High Ambition Alliance IMO GHG Negotiations Update

29. **Transport Ministers** decided to:

- a) **note** the content of this report on the progress made by an alliance of Pacific IMO member states (6PAC) in the context of the negotiations on reducing GHG emission from international shipping;
- b) **note**, in particular the importance of these to all Pacific SIDS and the extreme urgency of these negotiations;
- c) **acknowledge** the hard work and high ambition outcomes achieved by the 6PAC, supported by the Micronesian Center for Sustainable Transport;
- d) **note** the work program of the 6PAC and its objectives in these IMO negotiations as described above;
- e) **invite** RMI to provide future updates to this Forum; and
- f) **urge** members to participate in the 6PAC.

TD 10 – Accelerating sustainable development of carbon-free maritime transport

30. **Transport Ministers** decided to:

- a) **recognise** the need for ambition by all Pacific countries to develop roadmaps and secure investment for, a transition to a high quality, resilient and 100% carbon free maritime transport sector;
- b) **call** on international development partners to increase their coordination and ambition concerning the Pacific maritime transport sector, aligned to country-defined priorities and principles;
- c) **agree** to receive annual updates from PBSP Member countries on the progress of the Partnership at future Ministerial meetings; and
- d) **encourage** countries to support and participate in the Pacific Blue Shipping Partnership.

GENDER EQUALITY IN MARITIME

TD 06 – Advancing Gender Equality in the maritime sector of Blue Pacific Economies for sustainable livelihoods

31. **Transport Ministers** decided to:
- a) **commend** PacWIMA, Pacific State WIMAs, PICTs, SPC, IMO and development partners for the progress made since 2019 to advance the role of women in the maritime community;
 - b) **endorse** the proposal to develop a new Regional Strategy for Pacific Women In Maritime 2025 – 2030;
 - c) **support** calls to promote the adoption of a cross-cutting sectoral approach in dealing with challenges faced by women in the maritime sector, mainstreaming gender in the maritime sector, and fostering gender-responsive budgeting within Maritime Administrations and National Governments, as proposed by Transport Ministers and other relevant Ministerial and Pacific Leaders Dialogues; and
 - d) **encourage** members of PacWIMA be given the liberty to select PACWIMA Executives with SPC administering the process of selection and **review** the PACWIMA constitution.

MARITIME CAPACITY DEVELOPMENT IN THE PACIFIC

TD 07 – Developing maritime skills for tomorrow

32. **Transport Ministers** decided to:
- a) **endorse** the proposal for SPC, development partners, and regional maritime academia and MTIs to coordinate their efforts in a regional approach to developing maritime skills for tomorrow;
 - b) **request** IMO to deliver the Capacity-Building Decade 2021-2030 Strategy in the Pacific Islands region partnering with regional and national development organisations and academia;
 - c) **request** Governments and development partners to assist Maritime Training Institutions (MTIs) in PICTs to upgrade their training courses including e-learning (where applicable), onboard training and certification, infrastructure, and equipment; and
 - d) **request** Governments to assist maritime students in finding placements onboard shipping lines to complete their sea time requirements and fulfill STCW requirements as marine officers and marine engineers.

MARITIME SAFETY IN THE PACIFIC

TI 02 – Aotearoa New Zealand Maritime Activities in the Pacific

33. **Transport Ministers** decided to:
- a) **note** and **commend** Aotearoa New Zealand's for its activities and commitment in the maritime sector, including maritime safety, maritime security and maritime climate finance.

TI 06 – The International Hydrographic Organization (IHO) Strategic Plan 2021-2026 and the Southwest Pacific Hydrographic Commission (SWPHC) workplan

34. Transport Ministers decided to:

- a) **note** the commitment of the IHO, IMO and IALA to collaborate with other International/Regional Partners and the SWPHC on delivering capacity building activities in the Pacific region;
- b) **encourage** PICTs to engage and collaborate with IHO, IMO, IALA and regional partners to deliver as one the future Safety of Navigation services in the Pacific region;
- c) **note** the IHO Strategic Plan and the SWPHC Work Plan and support the activities through the coastal States' hydrographic office and/or competent maritime authority. In particular:
 - i. Preparing Coastal States in the Pacific Region for Maritime Digital Transformation - Supporting hydrographic governance in Pacific Island Countries and Territories; and
 - ii. the introduction of Next Generation Charting Products & Sunsetting of the Traditional Paper Chart;
- d) **encourage** PICTs to engage with the IHO and SWPHC to fully understand the benefits and value of IHO Membership, hydrography and the importance of including hydrography when designing development programs; and
- e) **encourage** regional and international agencies, development partners and coastal States to adopt and implement open data policies in line with the UN-GGIM Statement of Shared Guiding Principles for Geospatial Information Management and the UN-GGIM Integrated Geospatial Information Framework (IGIF) Strategic Pathway 2: Policy and Legal.

TI 07 – Harmonized provision of marine aids to navigation services

35. Transport Ministers decided to:

- a) **applaud** the IALA World Wide Academy (WWA) for its commitment to assist national authorities in the Pacific Islands region towards sustainable development and improvement in the provision of Marine Aids to Navigation services;
- b) **urge** Pacific coastal States to include in their national plans the ambition of being able to claim conformance with relevant IALA standards and thereby help fostering safe and efficient movement of vessels through harmonized Marine Aids to Navigation services worldwide; and
- c) **request** IALA WWA to continue its support for the delivery of safety of navigation services in PICTs to align with national priorities and plans and coordinate their activities through the Regional Strategy on Safety of Navigation in the Pacific to measure and report on progress.

TI 08 – Ninth Pacific Regional Search and Rescue (PacSAR) Workshop 2023

36. Transport Ministers decided to:

- a) **commend** the Government of Australia, PacSAR Steering Committee (SC), IMO and SPC for convening and PICTs for attending the 9th PacSAR workshop to share information and best practices on SAR; and

- b) **encourage** PICTs, PacSAR SC and development partners to implement the Outcomes of the 9th PacSAR workshop 2023.

LOW CARBON MARITIME DEVELOPMENT IN THE PACIFIC

TI 04 - Green Pacific Ports Initiative and Green Climate Fund

37. **Transport Ministers** decided to:

- a) **note** that Pacific countries interested in participating in a regional Green Pacific Port project should reach out to SPC through their GCF NDA (usually the Ministry of Finance or Ministry of Environment); and
- b) **note** that once the project has been identified as a priority for the country, SPC and UNIDO will be able to start the development of the concept note.

MARINE POLLUTION

TI 03 - Pacific Islands Regional Marine Spill Contingency Plan (PACPLAN) and the Pacific Regional Marine Litter Action Plan (PMLAP)

38. **Transport Ministers** decided to:

- a) **recognise** SPREP's continuing efforts to wastes and pollution as priority activity areas;
- b) **note** the SPREP-led review of the PacPlan 2019 structure, content, governance and funding models to make it more relevant and sustainable for national and regional application and implementation, with the resulting proposals to be presented to the 2024 SPREP meeting for endorsement;
- c) **support** the Pacific Regional Action Plan on Marine Litter 2018-2025 (Pacific RAP) midterm review;
- d) **call** on PICTs to provide their objectives and expectations of relevant targets whilst keeping a watching brief on the INC plastic pollution process; and
- e) **call** on governments to support the minimization of plastic wastes in the region through, as necessary, adopting, ratifying, implementing, enforcing and investing in the -
- the Intergovernmental Negotiating Committee on Plastics pollution process,
 - the Cape Town Agreement on better oversight of fishing vessels over MARPOL Annex V, including improved implementation of Port State Control measures,
 - the WCPFC Conservation and Management Measures (CMMs) 2017-04 on marine pollution, and
 - the expansion of capacity of port waste reception facilities.

COLLABORATION AND COORDINATION IN THE PACIFIC

TI 01 - First Pacific Regional Knowledge Partnership Workshop on Maritime Technical Cooperation Activities

39. **Transport Ministers** decided to:

- a) **recognise** the importance of the First Pacific Knowledge Partnership Workshop on maritime technical cooperation activities and acknowledging the support provided by IMO and SPC to participating countries;

- b) **support** IMO and SPC's continuing efforts to for improved partnership in the region as explained in paragraphs 12 to 15;
- c) **encourage** governments to recognise the maritime sector as a priority industry within the Pacific region and encourage governments to improve internal coordination to enable the sector to access financial support through the ODAs;
- d) **develop** National Maritime Development Plans (NMDPs) to link into National Development Plans (NDPs), communicating and collaborating to better prioritise maritime; and
- e) **encourage** governments to designate their respective national knowledge partnership officer (s) and inform the IMO.

Done in Port Vila, Vanuatu this 11th day of May 2023



Appendix I

List of Participants of Energy and Transport Ministers' Meeting

HONOURABLE MINISTERS AND PROXIES FROM MEMBER COUNTRIES		
Name	Country Delegation	Designation / Organisation / Contact
1. H.E. Heidi Bootle	Australia	High Commissioner to Vanuatu Australian High Commission AUSTRALIA <i>(High Commission Office in Vanuatu)</i>
2. Mr. Sione KAVA	American Samoa	Petroleum Officer Office of Petroleum AMERICAN SAMOA
3. Hon. Robert TAPAITAU	Cook Islands	Deputy Prime Minister Minister of Energy and Transport COOK ISLANDS
4. Mr. Faustino YAROFASUG	Federated States of Micronesia	Assistant Secretary Energy Division, Department of Resources and Development FEDERATED STATES OF MICRONESIA
5. Hon. Filipe TUISAWAU	Fiji	Honourable Minister Ministry of Public Works, Transport, and Meteorological Services FIJI
6. Hon. Tekeeua TARATI	Kiribati	Honourable Minister Ministry of Information, Communication and Transport KIRIBATI
7. Hon. Willie TOKATAAKE		Honourable Minister Ministry of Infrastructure and Sustainable Energy KIRIBATI
8. Hon. Kessai H. NOTE	Marshall Islands	Honourable Minister Mistry of Transportation, Communications, and Information Technology MARSHALL ISLANDS
9. H.E Tregar A. ISHODA		Head of Presidential Envoy on Maritime Ministry of Foreign Affairs and Trade MARSHALL ISLANDS
10. Hon. Delvin THOMA	Nauru	Deputy Minister Ministry of Multicultural Affairs NAURU
11. Hon. Wawani DOWIYOGO		Honourable Minister Ministry of Utilities NAURU
12. Monsieur Adolphe DIGOUE'	New Caledonia	Vice President Minister in charge of the Production, Transmission and Regulation of the Distribution of Electrical Energy NEW CALEDONIA
13. H.E. Nicci SIMMONDS	New Zealand	High Commissioner to Vanuatu New Zealand Ministry of Foreign Affairs and Trade NEW ZEALAND
14. Hon. Walter David SCHNAUBELT	Papua New Guinea	Honourable Minister Ministry of Transport and Civil Aviation PAPUA NEW GUINEA
15. Hon. Thomas OPA		Vice Minister

		Ministry of Petroleum and Energy PAPUA NEW GUINEA
16. Mr. Ngiratmetuchel Reagan BELECHL	Palau	Chairman PPUC Board of Directors PALAU
17. Hon. Olo Fiti Afoa VAAI	Samoa	Honourable Minister Ministry of Works, Transport and Infrastructure SAMOA
18. Hon. Manasseh MAELANGA	Solomon Islands	Deputy Prime Minister and Minister Ministry of Infrastructure Development SOLOMON ISLANDS
19. Mr. John Bosco Fetineiai PETELO	Tokelau	Chief Engineer Department of Energy TOKELAU
20. Hon. Siaosi'ofa ki Vahafolau SOVALENI	Tonga	Honourable Prime Minister KINGDOM OF TONGA
21. Hon. Seventeen TOUMO'UA		Honourable Minister Ministry of Infrastructure KINGDOM OF TONGA
22. Hon. Nielu MEISAKE	Tuvalu	Honourable Minister Ministry of Transport, Energy and Tourism TUVALU
23. Mr. Michael WATTERS	United Kingdom	Acting British High Commissioner to Vanuatu British High Commission UNITED KINGDOM <i>(High Commission Office in Vanuatu)</i>
24. Ms. Karen BELL		Head of Pacific Development Unit British High Commission, Canberra UNITED KINGDOM <i>(High Commission Office in Canberra, Australia)</i>
25. Hon. Marcellino BARTHELEMY	Vanuatu	Honourable Minister Ministry of Infrastructure and Public Utilities VANUATU
26. Hon. Ralph RENGENVANU		Honourable Minister Ministry of Climate Change VANUATU
27. Mr. Johnson Binaru IAUMA		Director General Ministry of Infrastructure and Public Utilities VANUATU
28. Mr. John Less NAPUATI		Commissioner of Maritime Vanuatu Maritime Safety Authority VANUATU
29. Mr. Paino VANAI	Wallis and Futuna	Vice President Territorial Assembly of Wallis and Futuna WALLIS AND FUTUNA
30. Frederic BAUDRY		Chairman Commission for Equipment, Planning and the Environment Territorial Assembly of Wallis and Futuna WALLIS AND FUTUNA

REPRESENTIVES FROM PARTNERS

Name	Organisation	Designation / Contact
31. Mr David Higgins	Department of Climate Change, Energy, the Environment and Water (DCCEEW)	General Manager International Net Zero
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45. Mr. Derrick LIM	Oil Spill Response Limited (OSRL)	Senior Preparedness Solution Adviser - APAC
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79. Ms. Mia RIMON		Director SPC Melanesian Office miar@spc.int

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Appendix II

List of Participants of Energy Officials' Meeting

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Name	Country Delegation	Designation / Organisation / Contact
1. Mr Tangi Tereapii	Cook Islands	Director for Renewable Energy
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3. Mr. Jeke Pai	Fiji	Engineer, Department of Energy
4. Dr Farran Redfern	Kiribati	Secretary, Ministry of Infrastructure and Sustainable Energy
5. Ms Miriam Iakobwa Tikana	Kiribati	Energy Economist, Ministry of Infrastructure and Sustainable Energy
6. Mr Benjamin Wakefield	Marshall Islands	Deputy Director, National Energy Office
7. Ms Miniva Harris	Nauru	Project Manager Energy Division, Department of Commerce, Industry and Environment
8. Monsieur Loic Martin-Crochet	New Caledonia	Chef du service de l'Energie au sein de la Direction de l'Industrie, des Mines et de l'Energie de la Nouvelle-Calédonie.
9. Mr. Ngratmetuchel Reagan Belechl	Palau	PPUC Board of Directors, Republic of Palau
10. Mr Timothy Mais	PNG	Executive Manager, National Energy Authority
11. Mr Landon Taureka	PNG	Acting Manager Tariffs Fees and Charges
12. Mr Livingstone Kot	PNG	Acting Senior Legal Officer
13. Ms Onosai Heremoni Suapaia Ah Koy	Samoa	ACEO Energy, Ministry of Finance
14. Mr John Korinihona	Solomon Islands	Director of Energy, Ministry of Mines, Energy & Rural Electrification
15. Mr Christopher Sagapoa	Solomon Islands	Permanent Secretary, Ministry of Mines, Energy and Rural Electrification
16. Mr John Bosco	Tokelau	Chief Engineer
17. Mr Kakau Foliaki	Tonga	Director of Energy, Ministry of MEIDECC
18. Ms Feauini Laumanu	Tonga	Deputy Director of Energy, Ministry of MEIDECC
19. Mr Vavau Fatuuga	Tuvalu	Permanent Secretary/CEO, Ministry of Transport, Energy and Tourism
20. Mr Anthony Garae	Vanuatu	Director of Energy
21. Mr Mathew Tasale	Vanuatu	Manager for Electrification, Department of Energy
22. Mr Misel Sisi	Vanuatu	Manager Energy Security, Department of Energy
23. Mr Terry Mael	Vanuatu	PSO Petroleum, Department of Energy
24. Mr Willie Obed	Vanuatu	PSO Energy Efficiency, Department of Energy



Appendix III

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18. Mr. Romanus Pakure		Manager Corporate Strategy and Quality Assurance, National Maritime Safety Authority. pwillie@nmsa.gov.pg
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21. Ms. Makerita Atonio- lese		Principal Shipping Officer (PacWIMA), Ministry of Work, Transport and Infrastructure. makerita.atonio@mwti.gov.ws
22. Mr. Stephen Maesiola	Solomon Islands	Permanent Secretary, Ministry of Infrastructure Development. smaesiola@mid.gov.sb
23. Mr. Thierry Nervale		Director, Solomon Islands Maritime Authority. thierry.nervale@sima.gov.sb
24. Ms. Agnes Gaote'e		Deputy Director, Solomon Islands Maritime Authority. agnes.gaotee@sima.gov.sb
25. Mr. Siuleoalofa Aleta	Tokelau	Legal Services, Transport and Support Services. alofa.aleta@tokelau.org.nz
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27. Mr. Vavau Fatuunga	Tuvalu	Permanent Secretary/Chief Executive Officer, Ministry of Transport, Energy and Tourism, vfatuunga@gov.tv
28. Mr. Taasi Pitoi		Director, Marine and Port Services,

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29. Ms. Karen Bell	United Kingdom	Head of Pacific Development Unit British High Commission, Canberra
30. Mr. Johnson Binaru Iauma	Vanuatu	Director General, Ministry of Infrastructure and Public Utilities. jbiauma@vanuatu.gov.vu
31. Mr. John Less Napuati		Commissioner of Maritime, Vanuatu Maritime Safety Authority. lnapuati@vmsa.vu
32. Mr. Kembro Manderson		Deputy Commissioner / Domestic, Vanuatu Maritime Safety Authority. kmanderson@vmsa.vu
33. Mr. Lloyd Fikiasi		Deputy Commissioner / International, Vanuatu Maritime Safety Authority. lfikiasi@vmsa.vu
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37. Mr. Richard Coleman		Chief Executive Officer, Vanuatu Maritime College. marico@vanuatu.com.vu
38. Ms. Aymerick Kolokilagi	Wallis and Futuna	Regional Senior Advisor, Assemblée Territoriale de Wallis et Futuna aymerick.kolokilagi@assembleeterritoriale.wf

PARTNERS		
Name	Organisation	Designation / Contact
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3. Mr. Jervis Robinson	International Hydrographic Organisation (IHO) / South-West Pacific Hydrography Commission (SWPHC)	Director j_rbsn@hotmail.com
4. Mr. Bekir Sitki Ustaoglu	International Maritime Organization (IMO)	Head, Asia and Pacific Section, Technical Cooperation Division (Head of Delegation) ustaoglu@imo.org
5. Mr. Anthony Talouli	Pacific Regional Environment Programme (SPREP)	Director, Waste Management and Pollution Control anthonyt@sprep.org
6. Ms. Rhonda Robinson	Pacific Community (SPC)	Director – Geoscience, Energy and Maritime rhondar@spc.int

7. Mr. Sean David Michaels	World Bank (WB)	Senior Infrastructure Specialist smichaels@worldbank.org
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