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PacWastePlus Steering Committee

MEETING REPORT

12 May 2022, Zoom Teleconference

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INTRODUCTION

The European Union funded PacWastePlus programme is working with 14 countries in the Pacific region, plus Timor-Leste, to address the cost effective and sustainable management of waste and pollution, as well as reducing the negative impacts of improper waste management on human health and wellbeing.

The programme is a continuation and up-scaling of a previous European Union funded Hazardous Waste Management project (PacWaste) that assisted countries to manage asbestos, e-waste, and healthcare waste. This new programme will continue working in these areas and expand to address an additional five new waste streams, disaster waste, bulky waste, recyclables, organic waste, and wastewater.

The Project Steering Committee is established to guide the development and implementation of the PacWastePlus Programme, ensuring a fair and reasonable decision-making process for project priorities and funding allocations. The committee meets on an annual basis to discuss project activity and confirm forward activity for 12 months.

The 2022 Steering Committee Meeting, themed *“Implementation and Commitments”*, was held as a virtual event (zoom meeting) due to the continued travel restrictions imposed in response to the COVID-19 global pandemic. Due to the online meeting format, the steering committee meeting was a focused 4 hours meeting that provided high level discussions on activities.

The following report provides a summary of discussions and provides details of the various project activities presented at the meeting.

SESSION 1: Formal Opening - Introductory Remarks / Welcome Address

The meeting was officially called to order by the meeting Chairperson, for the formal opening session of the meeting, Mr Anthony Talouli, Director of the Waste Management and Pollution Control (WMPC) programme of SPREP.

A welcome prayer was delivered by Mr Joshua Sam, Hazardous Waste Management Adviser for WMPC.

Hon. Toeolesulusulu Cedric Schuster, Minister of Natural Resources and Environment (MNRE-Samoa) provided the opening address to the meeting stating that together with climate change and biodiversity loss, waste management and pollution control form the triple planetary crises we are currently faced with. The Hon. Minister further highlighted that the COVID-19 pandemic had exacerbated existing vulnerabilities particularly in the economic and social sectors, which meant that urgent and bold actions for improved and effective waste management were needed now more than ever.

H.E. Michal Krejza from the European Union’s (EU) Delegation to the Pacific addressed the meeting and stated that the PacWastePlus programme reflected the importance of the EU’s partnership with the Pacific in preserving the environment and supporting countries in sustainable management of waste. H.E Krejza acknowledged and welcomed the work being done in terms of preparation of country projects and highlighted that the past two years were very challenging, but the programme has managed to move forward and make important steps in the right direction despite travel restrictions in the region. He further emphasised that for all components of the PacWastePlus programme it was now time to step up the implementation efforts and show the real results of the programme without further delays and encouraged continued cooperation and delivery of project commitments.

Mr. Sefa Nawadra, SPREP Director General addressed the meeting and reaffirmed SPREP’s commit to continue working with members and partners, towards sustainable and cost-effective solutions to Pacific waste management challenges. He highlighted that the WMPC programme together with partners now have a portfolio of projects that were helping “make things happen” for members contributing for the improvement of sustainable waste management and pollution control in the region. He expressed gratitude to the EU for their continued support to build collective capacity in the Pacific to address waste and pollution challenges and reminded participants of the meeting that the PacWastePlus programme provides an opportunity for countries to leverage work from regional projects that helps enhance national actions and innovate effective waste management interventions. The SPREP Director General also thanked participating programme countries for the support and cooperation received as they work together through the PacWastePlus programme and concluded by saying that the continued cooperation between country focal points and the PacWastePlus programme management unit to improve waste management systems and services in the Pacific in the region is important, with the need to move on this together to deliver on agreed project commitments and to “make it happen”.

SESSION 2: Programme Highlights from 2021

The PacWastePlus Programme Manager, Mr Bradley Nolan then provided a high-level summary of activity during 2021 and identified how the impacts of the COVID-19 pandemic had delayed and slowed many activities, leading to the need to request a variation to the programme to account for these delays.

2021 Achievements

Key achievements from the project activity discussed at the meeting focused on:

- Numerous contracts were executed to deliver key actions to close the PacWaste project. Including support for 5 additional countries to respond to KRA 2 (legislative improvement) and have undertaken ARFD feasibility studies for these countries.
- Active and ongoing implementation of a Communications & Visibility Plan led by the quarterly “Connections” newsletter. Over 100 publications released in the past 12 months.
- Completion of the Regional waste audits in partnership with UNEP, WB, ADB, and POLP.
- Partnerships with various regional donors and donor funded projects to undertake work that will assist PacWastePlus actions and generated over US\$800,000 in co-financing.
- Provided support to countries regarding waste policy and National Waste Strategies

Despite the challenges faced by the PMU, several significant achievements as included in the Annual Donor Report, have been made. A summary of programme highlights is detailed as follows:

| Item | Description |
|-----------------------------------|--|
| Programme Administration | |
| Remote Engagement Strategy | Continued lack of travel in 2021 resulted in the continuation of the altered engagement strategy for communications with country Focal Points. The PacWastePlus PMU maintains a flexible approach– with countries choosing their preferred method of communication and timing/frequency of calls. Individual strategies were employed from these preferences. Communications methods currently being utilized for connecting with countries include landline calls, cell phone calls, Skype, Zoom, Teams, and Facebook Messenger. |

| Item | Description |
|--|---|
| | Calls with countries are typically planned each week/fortnight, however, can often be rescheduled several times in response to other meetings and differing priorities, network issues, or other unscheduled interruptions. The PacWastePlus PMU has maintained flexibility and generally has needed to allow the country Focal Points drive the meeting schedule. |
| Building Country Relationship | The PacWastePlus, while remaining unable to undertake mission travel due to COVID-19 travel restrictions, continue to progress working relationships with country counterparts to progress the design and implementation of PacWastePlus activities. Regular interactions with country staff have built their capacity on a variety of activities, with many expressing gratitude for the time taken, and effort spent working with country officers to develop the country projects. |
| Project integration with partners | A significant amount of effort has been utilised to align PacWastePlus activities with other donor projects. The PMU has established active and working relationships with PRIF, ADB, World Bank, UNEP, WHO, UNDP, NSW EPA, USP, UPNG, UoN, University of Wollongong, J-PRISM II, and GEF ISLANDS to further the delivery of the PacWastePlus actions and add value to our participating countries. |
| Country Project Approval | PacWastePlus has successfully worked with countries to finalise their country project. Thirteen projects have been endorsed by the EU with the remaining details being confirmed for the final two projects. |
| Monitoring of events and GESI considerations | The PMU has been monitoring all events hosted or participated in and tracking the engagement with external agencies. Of the 545 events managed in 2020-21, 46% of the 1129 participants were women. |
| Engagement with National Recycling Associations | PacWastePlus is a participating member for the Fiji and Vanuatu Recycling Association. PacWastePlus is providing technical advice to the association and highlighting key programme works that would contribute to the achievement of the association objective. PacWastePlus hope that this engagement will promote the concept of circular economy whereby pollution is significantly reduced and removed from the environment. |
| Engagement with Asbestos Safety and Eradication Agency of the Australian Government | PacWastePlus ha continued our engagement with the Asbestos Safety and Eradication Agency of the Australian Government concerning asbestos and ACM activities in the PICs, with the group providing quality input and peer review to work completed and agreeing to participate in discussions and presentations at the CPRT in November 2021. |
| PacWastePlus Policies and Plans | The PacWastePlus PMU has developed polices to assist with the delivery of certain key components of the PacWastePlus project. Of note is the GESI Policy, developed to assist PacWastePlus to mainstream gender equality and social inclusion into programme activities. Additionally, the PacWastePlus M&E Plan was developed to ensure important programme activities are captured for monitoring and evaluation. |
| Memorandum of Understandings Signed | A total of 13 MoUs were signed with the following countries: <i>Cook Islands, FSM, Kiribati, Nauru, Niue, Palau, PNG, Samoa, Solomon Islands, Timor-Leste, Tuvalu, Tonga and Vanuatu</i> . Discussions are on-going with Fiji and RMI. |
| Key Result Area 1 – Data, Information & Education | |
| National Waste Audits | PacWastePlus funded and completed national waste audits in the Federated States of Micronesia, Nauru, Niue, Papua New Guinea, Republic of Marshall Islands and Vanuatu. Due to travel restrictions in the region, the audit had to be managed remotely by the PacWastePlus PMU and the consultant. Local audit teams were provided with equipment such as smart phones for data uploading, scales, hired vehicles and Personnel Protective |

| Item | Description |
|---|--|
| | Equipment. Except for Solomon Islands and Vanuatu, the national audits covered household, landfill, customs data, and stockpile assessment. |
| Newsletters | PacWastePlus produced a total of three quarterly programme newsletters that were published and circulated for the reporting period. Subscription for the programme newsletter increased from a total of 728 individuals (Issue 3) to a total of 1251 (Issue 5) individuals. With quarterly publications, The Connection provided a space to not only the PacWastePlus programme but also provided opportunities to other project partners that the programme shares synergy with for sharing of information, announcements of events and project progress. |
| Publications | PacWastePlus developed a total of 113 publications, resources, and articles as part of our continued engagement strategy with our county focal points for the reporting period. These publications and resources ranged from technical reports, from several consultations and research, valuable factsheets and booklets, project management resources and programme governance documents. All resources produced and published can be accessed from https://pacwasteplus.org/resources/ |
| Ongoing communications project design | An ongoing highlight this reporting period was the regular communication between PMU and country Focal Points regarding the design of country projects. Topics included ensuring the projects have effective objectives, outcomes, outputs; are designed with appropriate consultation; consider and reflect GESI and ESS elements; and have identified risks and appropriate monitoring and evaluation. |
| Cleaner Pacific Roundtable | PacWastePlus contributed to the successful delivery of the Cleaner Pacific Roundtable. A total of 4 Deep Dive sessions were developed and facilitated by programme technical officers with representation of participating programme countries in all sessions. The CPRT Deep Dive Sessions which were well attended, included HealthCare Medical Waste Investment Plan, Sustainable Financing, Legislative/Policy Controls for ACM and Disaster Waste Management. |
| Key Result Area 2 – Legislative Assistance | |
| Legislation Support to participating countries | <p>PacWastePlus PMU received request for Legislation Support from six participating countries (Kiribati, Nauru, Niue, Papua New Guinea, Solomon Islands, and Vanuatu). As with the three in the previous reporting period, these six countries requested assistance for feasibility review and legislative guidance associated with the implementation of an Advance Recovery Fee and Deposit. Five studies are complete, with results expected for Papua New Guinea in Q22022.</p> <p>Additional technical support the inclusion of Gender Equality and Disability, Social Inclusion in the design for the design of Advance Recovery Fee and Deposit systems has commenced, with results expected in Q22022.</p> <p>PacWastePlus will consolidate and compile results from the nine KRA2 Legislative Support for Advance Recovery Fee and Deposit into hands-on recourses and training modules to guide decision makers in the development and implementation of a successful Sustainable Financing system to suit their needs and context. The development of resources and training modules will commence in Q2 2022. Support for a new Waste strategy and regulation in Timor-Leste will commence in Q2 2022.</p> |
| Establishment / Member of Working Groups - Advanced Recovery Fee and Deposit | PacWastePlus assisted with the establishment and/or is an active contributor or member of five Working Groups for the design and implementation of an Advanced Recovery Fee and Deposit scheme; Cook Islands, Kiribati, Nauru, Niue, Solomon Islands, and Vanuatu. |

| Item | Description |
|--|---|
| Assistance to Cook Islands, Samoa, and Vanuatu on Advanced Recovery Fee and Deposit regulations | PacWastePlus provided review and assistance for the development of regulatory documentation (policy, regulation, and minister / cabinet submission) required to progress the Advanced Recovery Fee and Deposit regulations in Cook Islands, Samoa, and Vanuatu. |
| Key Result Area 3 – On-ground actions | |
| Tropical Cyclone Harold Recovery Works in Vanuatu | Following a request for support from the Vanuatu Government, the PacWastePlus Programme, in consultation with the Department of Environmental Protection and Conservation (DEPC), developed and funded a disaster waste response project to facilitate removal of disaster debris generated from Tropical Cyclone Harold in nine communities on the islands of Santo, Pentecost, Aore and Malo. |
| Community Disaster Waste Management Plans | PacWastePlus utilised the outcome of the discussion sessions of the community training (TC Harold Recovery Works) to commence planning for community disaster waste management plans (CDWMP). Based on these discussions, draft community plans for each of the nine communities were created and submitted to DEPC for ongoing consultation with community and Municipal Governments. |
| PacWaste Legacy actions (KRA 3.11 Continuity of initiatives started under PacWaste.) | <p>Specific outcomes on actions addressing the outstanding issues from PacWaste are:</p> <ul style="list-style-type: none"> • Completed an update to the health care waste management training materials initially created under the PacWaste program and revised the materials for use as a train the trainer course. • Contractor is working to manage and deliver incinerator repairs activities remotely and provide online remote training to operational staff. • A Consultant has developed an Asbestos Removal Control Plan, for the Niue asbestos abatement work. Materials needed to execute the abatement work have been delivered to Niue awaiting the consultant for when travel is allowed. |
| Key Result Area 4 – Capacity Building | |
| Training on the Standard Waste Audit Methodology | As part of the National Waste Audit, PacWastePlus through the nominated contractor trained 132 local officers from the six countries on the PRIF Waste Audit Methodology. Established in 2019, the new methodology was established to ensure consistency in how waste data is collected in the region. Through these trainings, PacWastePlus aim to build in-county capacity to enable participants to conduct future audits that will inform national waste management decision making. The training was done in two phases. The first phase was classroom based providing the audit team with background information and detailed material on waste audit processes and activities. The second phase allowed training participants to apply the knowledge gained in Phase One through undertaking each of the audit activities. |
| Community Training on Disaster Waste Management | As part of the Tropical Cyclone Harold Recovery Works, PacWastePlus facilitated two trainings in each of nine communities. The training on disaster waste management aimed at empowering targeted communities to quickly recover and restore community life by efficiently and effectively managing waste before and after a disaster, and in the process improving community resilience to future disasters. A total of 202 participants from across the nine communities were part of the Disaster Waste Management Training, 42% of participants were women. |

PacWastePlus 2021 Publications and Resources

| Document type | Communications Output |
|---|--|
| PacWastePlus related Articles on SPREP and News Media Websites and social media | <p>Dealing with Disaster Waste This Tropical Cyclone Season in The Pacific</p> <ul style="list-style-type: none"> https://www.sprep.org/news/dealing-with-disaster-waste-this-tropical-cyclone-season-in-the-pacific https://twitter.com/SprepChannel/status/1359585125437034499/photo/1 <p>Learning from Vanuatu: Clearing Disaster Waste After Tropical Cyclone Harold</p> <ul style="list-style-type: none"> https://www.sprep.org/news/learning-from-vanuatu-clearing-disaster-waste-after-tropical-cyclone-harold https://pasifika.news/2021/02/learning-from-vanuatu-clearing-disaster-waste-after-tropical-cyclone-harold/ https://twitter.com/SprepChannel/status/1359586161698639872/photo/1 <p>Expression of interest-Waste Management and Recycling & Waste Items for Recovery and Recycling</p> <ul style="list-style-type: none"> https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/4664627616915837/ <p>Situational Analysis of Human Rights Issues in the Waste Management Sector-Literature Review</p> <ul style="list-style-type: none"> https://twitter.com/SprepChannel/status/1361486300465930240/photo/1 <p>Living Safely with Asbestos</p> <ul style="list-style-type: none"> https://twitter.com/SprepChannel/status/1374798064947372032/photo/1 <p>Reducing Our Waste Footprint This Earth Day, and for The Rest of The Days!</p> <ul style="list-style-type: none"> https://www.sprep.org/news/reducing-our-waste-footprint-this-earth-day-and-for-the-rest-of-the-days https://www.facebook.com/SPREP.PEIN/photos/pcb.4522909594420974/4522906937754573/ <p>World Environment Day</p> <ul style="list-style-type: none"> https://www.facebook.com/AustralianHighCommissionVanuatu/photos/a.512529808839877/4022312801194876/ <p>PacWastePlus Website Goes Live</p> <ul style="list-style-type: none"> https://www.sprep.org/news/interactive-and-dedicated-website-for-pacwasteplus-programme-goes-live https://www.facebook.com/SPREP.PEIN/posts/4923960004315929 https://twitter.com/SprepChannel/status/1434987111615107073/photo/1 <p>Pacific Focusing on Waste this World Population Day</p> <ul style="list-style-type: none"> https://www.sprep.org/news/pacific-focusing-on-waste-this-world-population-day https://twitter.com/SprepChannel/status/1414376341101678593/photo/1 <p>Empowering Pacific Youth This World Youth Skills Day</p> <ul style="list-style-type: none"> https://www.sprep.org/news/empowering-pacific-youth-this-world-youth-skills-day https://twitter.com/SprepChannel/status/1415517547030478851/photo/1 <p>Samoa Moves Ahead to Implement Sustainable E-Waste Management</p> <ul style="list-style-type: none"> https://www.sprep.org/news/samoa-moves-ahead-to-implement-sustainable-e-waste-management https://pacwasteplus.org/news/samoa-moves-ahead-to-implement-e-waste-management-project/ https://www.facebook.com/SPREP.PEIN/posts/5045660222145906 https://twitter.com/SprepChannel/status/1448883211795255296/photo/1 https://www.samoobserver.ws/category/samoa/93205?utm_content=buffer07537&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer&fbclid=IwAR3vsPS6R3O1LEgT9JApU1ZliQOo-Mnfv7gUDNDRr2E6bCEyMQw93jOZhPo <p>Improving Organic Waste Management in Chuuk and Yap States</p> <ul style="list-style-type: none"> https://www.sprep.org/news/improving-organic-waste-management-in-chuuk-and-yap-states https://pacwasteplus.org/news/improving-organic-waste-management-in-chuuk-and-yap-states/ https://www.facebook.com/SPREP.PEIN https://twitter.com/SprepChannel/status/1447758405901250564/photo/1 <p>Cook Islands Move Forward to Implement Sustainable Financing for Waste Management</p> <ul style="list-style-type: none"> https://www.sprep.org/news/cook-islands-move-forward-to-implement-sustainable-financing-for-waste-management https://pacwasteplus.org/news/cook-islands-move-forward-to-implement-sustainable-financing-for-waste-management/ https://www.facebook.com/SPREP.PEIN/posts/4800940766617854 https://twitter.com/SprepChannel/status/1419876905654775809/photo/1 |

Improving The Management of End-Of-Life Tyres in Palau

- <https://www.sprep.org/news/improving-the-management-of-end-of-life-tyres-in-palau>
- <https://pacwasteplus.org/news/improving-the-management-of-end-of-life-tyres-in-palau/>
- https://pasifika.news/2021/09/improving-the-management-of-end-of-life-tyres-in-palau/?fbclid=IwAR0Qz3-cWnwISemPfgESFiyQ67ETR5teGy_EvuoPkBuwM5GrOVStArnPjjc
- https://www.pacificislandtimes.com/post/tired-of-it-palau-seeking-solution-to-mounting-problems-with-waste-tires?fbclid=IwAR0g0mKIsnR68k72D6rvrfxcWpfzVhpEQkhceldHoztDjZnM9pcUp_Ob-as
- <https://twitter.com/SprepChannel/status/1440783610475286529/photo/1>
- <https://www.facebook.com/SPREP.PEIN/photos/pcb.4974796405898955/4974795789232350/>

Sustainable Financing Mechanisms for Waste Management

- <https://www.sprep.org/news/sustainable-financing-mechanisms-for-waste-management>
- <https://pacwasteplus.org/news/sustainable-financing-mechanisms-for-waste-management/>
- <https://twitter.com/SprepChannel/status/1435763666167631876/photo/1>
- <https://www.facebook.com/SPREP.PEIN/photos/pcb.4930402517005011/4930396463672283/>

Strengthening The Management of Hazardous Waste in The Region

- <https://www.sprep.org/news/strengthening-the-management-of-hazardous-waste-in-the-region>
- <https://pacwasteplus.org/news/strengthening-the-management-of-hazardous-waste-in-the-region/>
- <https://twitter.com/SprepChannel/status/1435764675291926528/photo/1>
- <https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/4930407067004556/>

Enhancing Management of Disaster Waste Resilience

- <https://www.sprep.org/news/enhancing-management-of-disaster-waste-resilience>
- <https://pacwasteplus.org/news/enhancing-management-of-disaster-waste-resilience/>
- <https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/4927815963930333/>
- <https://twitter.com/SprepChannel/status/1435464292464087050/photo/1>

Clean Pacific Roundtable PacWastePlus Programme (Resources) Visibility

- https://cleanpacificroundtable.hubilo.com/community/#/exhibitor/112597?exhib_tab_id=42200
- <https://cleanpacificroundtable.hubilo.com/community/#/feed>
- <https://www.cleanpacificroundtable.com/key-information>
- <https://www.cleanpacificroundtable.com/day-2>

Managing Disaster Waste to Strengthen Country Resiliency – CPRT Deep Dive-Disaster Waste

- <https://pacwasteplus.org/news/managing-disaster-waste-to-strengthen-country-resiliency/>
- <https://www.sprep.org/news/managing-disaster-waste-to-strengthen-country-resiliency>
- <https://pacwasteplus.org/news/clean-pacific-roundtable-deep-dive-side-event-4-disaster-waste-management/>
- <https://www.facebook.com/SPREP.PEIN/photos/pcb.5151897794855481/5151896281522299/>
- <https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/5145182755526985/>

Clean Pacific Roundtable Zeroes In On Addressing Asbestos Containing Materials-Deep Dive Session-Asbestos

- <https://pacwasteplus.org/news/clean-pacific-roundtable-zeroes-in-on-addressing-asbestos-containing-materials/>
- <https://www.sprep.org/news/clean-pacific-roundtable-zeroes-in-on-addressing-asbestos-containing-materials>
- <https://www.facebook.com/SPREP.PEIN/photos/pcb.5152893278089266/5152892904755970/>
- <https://twitter.com/SprepChannel/status/1461198274845544449/photo/1>
- <https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/5103766179668643/>

Calls for Asbestos Bans Across Asia and Pacific Intensify

- <https://pacwasteplus.org/news/calls-for-asbestos-bans-across-asia-and-pacific-intensify/>
- <https://www.apheda.org.au/calls-for-asbestos-bans-across-asia-and-pacific-intensify/>

Clean Pacific Roundtable Maps Out Way Forward To Reduce Impact Of Healthcare Waste On Our Environment And Public Health-CPRT Deep Dive Session-Healthcare waste

- <https://pacwasteplus.org/news/clean-pacific-roundtable-maps-out-way-forward-to-reduce-impact-of-healthcare-waste-on-our-environment-and-public-health/>
- <https://www.sprep.org/news/clean-pacific-roundtable-maps-out-way-forward-to-reduce-impact-of-healthcare-waste-on-our-environment-and-public-health>

| Document type | Communications Output |
|------------------------|--|
| | <ul style="list-style-type: none"> • https://twitter.com/SprepChannel/status/1461598694541721602/photo/1 • https://www.facebook.com/SPREP.PEIN/photos/pcb.5156605621051365/5156605341051393 • https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/5145186945526566/ <p>Clean Pacific Roundtable Enables Pacific Islands To Enhance Understanding Of Waste Management Sustainable Financing Systems – CPRT Deep Dive session-Sustainable Financing</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/news/clean-pacific-roundtable-enables-pacific-islands-to-enhance-understanding-of-waste-management-sustainable-financing-systems/ • https://www.sprep.org/news/clean-pacific-roundtable-enables-pacific-islands-to-enhance-understanding-of-waste-management-sustainable-financing-systems • https://www.facebook.com/SPREP.PEIN/photos/a.180356718676305/5081216628590265/ • https://www.facebook.com/SPREP.PEIN/photos/pcb.5165139116864682/5165138066864787 • https://twitter.com/SprepChannel/status/1462534855116218368/photo/1 |
| Reports | <p>Outcome Report: Tropical Cyclone Harold Recovery Works in Vanuatu</p> <ul style="list-style-type: none"> • https://www.sprep.org/sites/default/files/documents/publications/harold-tropical-cyclone-recovery-works.pdf <p>Assessment of Small-Scale Technology Suitable for Waste Management in the Pacific and Timor-Leste</p> <ul style="list-style-type: none"> • https://www.sprep.org/sites/default/files/documents/publications/small-scale-tech-report.pdf <p>PacWastePlus 2021 Virtual Steering Committee Meeting Report</p> <ul style="list-style-type: none"> • https://library.sprep.org/sites/default/files/2021-03/steering-committee-meeting-report.pdf <p>Situational Analysis of Human Rights Issues in the Waste Management Sector-Literature Review</p> <ul style="list-style-type: none"> • https://library.sprep.org/sites/default/files/2021-02/situational-analysis-human-wrights-waste-managementnal.pdf <p>Stocktake Report: Available Tertiary & Vocational Waste Management Courses in the Pacific Region</p> <ul style="list-style-type: none"> • https://www.sprep.org/sites/default/files/documents/publications/Stocktake-Report-Final.pdf <p>Waste Legislative Review: Regional Solutions Assessment PacWastePlus</p> <ul style="list-style-type: none"> • https://library.sprep.org/content/waste-legislative-review-regional-solutions-assessment-pacwasteplus <p>PacWastePlus Programme Gender & Social Inclusion (GESI) Guiding Document</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/pacwasteplus-programme-gender-social-inclusion-gesi-guiding-document/ <p>Vanuatu Waste Audit Report</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/vanuatu-waste-audit-report/ <p>PNG Waste Audit Report</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/papua-new-guinea-waste-audit-report/ <p>Nauru Waste Audit Report</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/nauru-waste-audit-report/ <p>* Timor-Leste, RMI and Niue reports under peer review</p> <p>Asbestos Management Policy and Regulation for Pacific Island Countries and Timor-Leste</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/asbestos-management-policy-and-regulation-for-pacific-island-countries-and-timor-leste/ <p>Waste to Energy Research Report</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/waste-to-energy-research-report/ |
| Fact Sheets & Booklets | <p>Project Management Tools</p> <ul style="list-style-type: none"> • Developing Monitoring and Evaluation Plan: A Guide for Project Designs • Developing A Project Logic: A Guide for Project Design • A Guide for Developing an Investigative Questioning Process • SMART Objectives factsheet – Rebranded <p>* The above-mentioned project design and management toolkit were shared with all SPREP National Focal Points, CROP Organisations and SPREP Partner Organisations through an official Circular issued by the SPREP Director General – https://www.sprep.org/sites/default/files/documents/circulars/Cir20-73.pdf</p> <p>It has since been also acknowledged as useful resources by the Secretariat of the Basel, Rotterdam and Stockholm Conventions and shared on their website <i>under now available</i> - http://www.basel.int/Implementation/Plasticwaste/Technicalassistance/Projects/BRSNorad2/SGPonplasticwaste/ta/bid/8402/Default.aspx</p> |

| Document type | Communications Output |
|---------------|--|
| | <p>Various Issues</p> <ul style="list-style-type: none"> • Living Safely with Asbestos • Assessment of Legislative Frameworks Governing Waste Management 15 Country Reports - can be obtained from https://www.sprep.org/pacwaste-plus • A Guide to Developing Project Engagement Plans: Stakeholder Education and Awareness • Model Regional Education and Awareness Plan • Pathway for a Sustainable Financing Mechanism • Asbestos Management Legislative Reform Pathway <p>15 Country Project Profiles</p> <ul style="list-style-type: none"> • Cook Islands • FSM • Fiji • Kiribati • Nauru • Niue • Palau • PNG • RMI • Samoa • Solomon Islands • Tonga • Tuvalu • Timor Leste • Vanuatu <p>Asbestos Management Legislative and Regulatory Analysis – Policy Recommendations</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/asbestos-management-legislative-and-regulatory-analysis-policy-recommendations/ <p>Waste To Energy Information Booklet</p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/waste-to-energy-information-booklet/ <p>Recycling Market Research Report</p> <ul style="list-style-type: none"> • Produced but to be published in January 2022. <p>Used tyres Usage – Community Factsheets</p> <ul style="list-style-type: none"> • Produced and to be published with other used tyres publications in January 2022. <p>CDL/ARFD Country Publications (not published country use only-20 publications)</p> <p>Cook Islands</p> <ul style="list-style-type: none"> • Feasibility Study: Development of an ARFD System in the Cook Islands <p>Kiribati</p> <ul style="list-style-type: none"> • Implementation Plan • Legislative Guidance • Situation Review + Options Analysis <p>Nauru</p> <ul style="list-style-type: none"> • Implementation Plan • Legislative Guidance • Situation Review + Options Analysis <p>Niue</p> <ul style="list-style-type: none"> • Implementation Plan • Legislative Guidance • Situation Review + Options Analysis <p>RMI</p> <ul style="list-style-type: none"> • Feasibility Study: Expansion of Recycling Legislation for RMI • Technical Guiding Note for EPR Legislation in RMI <p>Samoa</p> <ul style="list-style-type: none"> • Feasibility Study: Development of an ARFD System in Samoa |

| Document type | Communications Output |
|-------------------|---|
| | <ul style="list-style-type: none"> • Technical Guiding Note: Drafting of a Legal Framework <p>Solomon Islands</p> <ul style="list-style-type: none"> • Implementation Plan • Legislative Guidance • Situation Review + Options Analysis <p>Vanuatu</p> <ul style="list-style-type: none"> • Implementation Plan • Legislative Guidance • Situation Review + Options Analysis |
| Collateral | <p><i>Understanding Advance Recovery Fee and Deposit (ARFD) Scheme – Video resource</i></p> <ul style="list-style-type: none"> • https://pacwasteplus.org/resources/understanding-advance-recovery-fee-and-deposit-arfd-scheme/ <p><i>PacWastePlus Branded Uniforms</i></p> <ul style="list-style-type: none"> • currently under production and anticipated to be shipped to Apia by early-January 2022. (Delayed due to COVID 3rd wave outbreak and severe flooding due to TC Cody in Fiji) |
| Newsletter | <p><i>The Connection</i></p> <p><i>Issue 5 of the Programme Newsletter</i></p> <ul style="list-style-type: none"> • https://library.sprep.org/sites/default/files/2021-04/connection-issue-5.pdf <p><i>Issue 6 of the Programme Newsletter</i></p> <ul style="list-style-type: none"> • https://library.sprep.org/content/pacwasteplus-connection-newsletter-issue-6-2021 <p><i>Issue 7 of the Programme Newsletter (now published as e-newsletters)</i></p> <ul style="list-style-type: none"> • https://clt1383303.bmeurl.co/CF49248 <p><i>Issue 8 of the Programme Newsletter – Christmas Edition (now published as e-newsletter):</i></p> <ul style="list-style-type: none"> • https://pacwasteplus.org/news/ |

PacWastePlus Programme Amendment

The PacWastePlus programme has been significantly delayed in commencing implementation of country projects, due to the impacts from COVID-19

The PacWastePlus PMU worked the EU in 2021 to gain their approval to modify the Programme as follows:

- Extend the programme activities through in 2024 (add 11 months to the project timeframe). A formal request to PIFS to extend the Financing Agreement has been sent. And the formal variation is currently being assessed by SPREP management prior to submission to the EU.
- Amend the Programme Logic and Theory of Change to ensure the project monitoring system is linked to the project actions to be implemented through country and regional actions, and directly link to the Cleaner Pacific 2025 Regional Strategy.
- Amend the funding allocated to each KRA, to provide additional support to both country and regional project implementation. Most notably a reallocation of funds from KRA 0 (Governance) into KRA 3 (On-Ground Activity) to co-finance a National Officer in each Country (co-financing arrangements with the GEF ISLANDS project)

Notification of the variation was provided to all participating countries in July 2021.

2021 Programme Budget

| PACWASTE PLUS - BUDGET for the ACTION | | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|---|----------------------|--|
| Titles | 3rd Year Actual Costs USD (2 July 2020 - 1 July 2021) | Cumulative Expenditure | Remaining Balance | |
| KRA 0 - PACWASTE PLUS Project Management | | | | |
| TOTAL KRA 0 | \$696,207 | \$1,509,308 | \$3,400,287 | |
| KRA 1 - Improved data collection, information sharing, and education and awareness | | | | |
| KRA 1 – Activity | | | | |
| Clean Pacific Roundtable meeting, including pre-ception workshop PacWaste Plus | \$714.11 | \$72,277.20 | \$77,722.80 | |
| 1.1 Conduct baseline waste management assessments | \$441,591.88 | \$443,591.86 | \$198,808.14 | |
| 1.2 & 1.3 Establish the INFORM Waste data Portal and National Waste Monitoring Framework | \$12,400.00 | \$15,600.00 | \$342,000.00 | |
| 1.4(i) & 1.4(ii) Develop regional education and awareness raising plan to guide delivery of National Plans | \$9,000.00 | \$76,510.08 | \$148,489.92 | |
| 1.4(iii) Develop and Implement Social Marketing Campaigns | \$- | \$- | \$500,000.00 | |
| 1.5 Research advisory group (RAG) | \$72,189.14 | \$77,452.58 | \$122,547.42 | |
| Subtotal KRA 1 | \$535,895 | \$685,432 | \$1,389,568 | |
| KRA 2 Policies and regulatory frameworks developed and implemented | | | | |
| KRA 2 – Activity | | | | |
| 2.1 Regional legislative framework for waste management | \$78,741.92 | \$222,906.35 | \$209,999.65 | |
| 2.2 & 2.3 Develop Regional / National legislation | \$128,140.00 | \$128,140.00 | \$418,954.00 | |
| 2.4 Advocacy on good environmental governance | \$- | \$2,254.75 | \$95,145.25 | |
| Sub-total KRA 2 | \$206,882 | \$353,301 | \$724,099 | |
| KRA 3 - Best practices, including enhanced private sector engagement and infrastructure development, implemented | | | | |

| PACWASTE PLUS - BUDGET for the ACTION | | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|---|----------------------|--|
| Titles | 3rd Year Actual Costs USD (2 July 2020 - 1 July 2021) | Cumulative Expenditure | Remaining Balance | |
| KRA 3 Activity | | | | |
| 3.1 - 3.9 Enhance solid, hazardous and disaster waste management | \$31,600.82 | \$31,600.82 | \$5,439,699 | |
| 3.10 Waste Water research project | \$- | \$- | \$800,000 | |
| 3.11 Complete PacWASTE I Activities | \$125,177.67 | \$130,377.67 | \$743,347 | |
| Sub-total KRA 3 | \$156,778 | \$161,978 | \$6,983,047 | |
| KRA 4 - Human capacity enhanced | | | | |
| KRA 4 - Activity Costs | | | | |
| 4.1 National Needs Assessment on governance activities | \$70,373.11 | \$70,373.11 | \$30,159.89 | |
| 4.2 National / Regional capacity Building | \$- | \$- | \$300,000.00 | |
| 4.3 School education project | \$- | \$- | \$100,000.00 | |
| 4.4 Vocational & Tertiary education project | \$42,780.00 | \$42,780.00 | \$1,156,687.00 | |
| 4.5 Facilitate capacity Building exchanges | \$- | \$- | \$400,000.00 | |
| Sub-total KRA 4 | \$113,153 | \$113,153 | \$1,986,847 | |
| Total direct of the action | 1,708,916 | 2,823,172 | 14,483,848 | |
| SPREP Administration Indirect Cost (7%) | \$115,911.81 | \$197,622.05 | \$1,013,868.95 | |
| Contingency | \$- | \$- | \$270,039.00 | |
| Total Budget | \$1,824,828 | \$3,020,794 | \$15,767,756 | |

SESSION 3: Steering Committee Meeting - Talanoa Sessions

The programme meeting was officially called to order by the meeting Chairperson, Ms Christina Fillmed, Director of the Yap State Environmental Protection Agency from the Federated States of Micronesia.

The Chairperson highlighted that to provide a platform to discuss PacWastePlus projects, and how they align with other activities, the 2022 Steering Committee Meeting include a series of five interactive Talanoa sessions addressing the waste priority areas implemented by participating countries. The five Talanoa sessions were held to enable a holistic discussion of both Country and regional projects addressing the topic in question. Each Talanoa was allocated 25 minutes where the facilitated discussion explored the design, commitments, and implementation plan for 2022. All presentations are attached in *Appendix A*.

Talanoa 1 – Sustainable Financing / Advance Recovery Fee & Deposits (Recyclables and E-waste)

Six member countries, the Cook Islands, Niue, Samoa, the Solomon Islands, Tuvalu, and Vanuatu, have selected to use their PacWastePlus Country Project support to develop, implement, or increase the scope a Sustainable Financing Deposit and Fee Systems (also known as Advance Recovery Fee and Deposit (ARFD)). In addition, four countries, Nauru, Kiribati, RMI, and PNG, have utilised KRA2 Legislative Support to complete a feasibility study on the design or expansion of an ARFD system.

Ms Patricia Pedrus from the FSM EPA facilitated the Talanoa session. Ms Pedras opened by sharing those three states of the FSM have a deposit scheme in operation. The schemes have provided for significantly improved recycling in these states and have provided the public additional awareness of the importance of the 3Rs instead of just making money.

Ms Pedrus observed that the member countries seeking to develop a self-financing system to enable the long-term collection, processing, and export of recyclable items (beverage containers, e-waste, and EOL whiteware and vehicles), are at various stages on the 21-step pathway of ARFD implementation. During the session, countries presented their key activities for 2022 and discussed their aligned activities and common challenges. Key activities from each country in 2022 include:

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---------------------|--|--|---|
| Cook Islands | Infrastructure Cook Islands (ICI), seeking to provide for the long-term financial viability to enable management of recyclable and bulky materials, have been developing their ARFD Policy (along with empowering legislation, the <i>Solid Hazardous Waste Bill</i>) over the last two years. These documents are now finalised and have been submitted to the Cook Islands Cabinet. | Guide the political approval processes and implement associated systems and facilities to provide for scheme operation. Systems and facilities include: <ul style="list-style-type: none"> - Updates to Customs database - Development and implementation of a communication strategy - Establishment and furnishing of collection depots in all Cook Islands, Rarotonga, and the Pa Enua | The Advance Recovery and Disposal Fee will be set in legislation and training and awareness provided to enable the system to provide the financial viability for long-term collection and management of recyclable and bulky materials. |

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|------------------------|---|--|--|
| Niue | <p>Currently constructing a Recycling Facility, funded by Australian Government, to provide for management of household recyclable beverage container items. Seeking to provide legislation to provide for the facilities' long-term financial viability, and construction of an e-waste center inside the Recycling Facility to provide for the management and export of e-waste.</p> <p>ARFD Feasibility Study complete in 2021 (KRA2) and a ARFD Working Group has been established.</p> | <p>Initially, the Niue Department of Environment (DOE) is utilising PacWastePlus to provide legal support to design the ARFD system and draft the ARFD Policy and empowering legislation.</p> <p>Engagement and assisting this process and guiding the political approval process is the key priority for 2022, along with developing and implementing systems to provide for scheme operation.</p> <p>Other activities will include:</p> <ul style="list-style-type: none"> - procure equipment and provide training to enable the collection of e-waste - collecting and cleaning-up legacy e-waste stockpiles | <p>The long-term financial viability of the Niue Recycling Facility will be provided through the ARFD Regulation and empowering legislation.</p> <p>E-waste training designed to provide for a long-term financially viable service.</p> |
| Samoa | <p>An ARFD Feasibility Study to consider the feasibility of implementing an Advance Recovery Fee and Deposit (ARFD) scheme in Solomon Islands was completed by the PacWastePlus PMU.</p> <p>PacWastePlus is providing additional assistance in the submission of recommendations from the study for endorsement of the Revenue Board.</p> | <p>E-Waste is one of the items identified in ARFD feasibility study and Samoa will be starting with this item.</p> <p>The Ministry of Natural Resources and Environment will be engaging a consultant to design an E-Waste Take Back System for Samoa.</p> <p>The design of the system will inform the regulation required.</p> | <p>The long-term financial viability of the Samoa Recycling initiative will be provided through the ARFD Regulation and empowering legislation.</p> |
| Solomon Islands | <p>An ARFD Feasibility Study to consider the feasibility of implementing an ARFD scheme in Solomon Islands was completed by PacWastePlus PMU in Q4 2021 (KRA2).</p> <p>A Situation Analysis and Options Report summarising analysis of key issues and opportunities for ARFD in Solomon Islands and reflects early stakeholder engagement and desktop research was presented to the country focal point in Quarter 1 2022.</p> <p>MOU signed between SPREP, Gizo Town Council, and Western Provincial Government.</p> | <p>The Ministry of Environment Climate Change and Disaster Management and Meteorology (MECDM) will utilise PacWastePlus support to facilitate national stakeholder consultant on the outcome of the KRA2 2021 Feasibility Study.</p> <p>Additionally, PacWastePlus will support the engagement of a consultant to design a suitable ARFD system for the country inclusive of collection of deposit, refunds, collection of recyclable items, auditing of the system and administration matter for the ARFD system.</p> | <p>The long-term financial viability of the Solomon Island Recycling programme will be provided through the ARFD Regulation and empowering legislation.</p> |

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---|---|--|---|
| Tuvalu | The Tuvalu Department of Waste Management (DWM) have implemented an ARFD system, the Tuvalu Waste Levy Regulation, in 2019. This system is working in the Capital Funafuti, but currently Outer Island communities do not have an ability to claim their refunds or benefit from a cleaner environment. | Construct depots on each island and establish systems and awareness to provide for social equality and equal participation in the Waste Levy. | The 2019 Tuvalu Waste Levy Regulation provides financial sustainability. Process for collecting recyclables and operating depots will be written into the Island by-laws, providing Island specific ownership. |
| Vanuatu | Department of Environmental Protection and Conservation (DEPC) have been working with J-PRISM II on their ARFD system, the Product Stewardship Scheme (PSS) since 2017. Feasibility Study complete in 2021 (KRA2) and Working Group established. The PSS has been drafted and will be presented to Cabinet in coming months. | Provide for the implementation of the PSS, assisting with: <ul style="list-style-type: none"> - developing and delivering innovative consultation (using a local theatre group) - developing resources and education for system operationalising - using community groups to undertake a large legacy waste clean-up to reduce the scheme being overwhelmed - developing and implementing widescale communications | The PSS will be set in legislation to provide the financial viability to enable for long-term collection and management of recyclable items. Consultation training and development of innovate local-specific materials to increase capacity of DEPC to deliver effective consultations in the future. |
| PacWastePlus Regional ARFD Project | Designed to assist countries on the pathway to ARFD implementation, raising the capacity for the making evidence-based decisions during the design, implementation, monitoring, and expansion of a system to suit local needs and context. | PacWastePlus will finalise and publish guiding resources including a Gender Equality and Disability, Social Inclusion (GEDSI) "Toolkit" to provide guidance for decision makers on when and how to consider and incorporate GEDSI factors, and a hands-on workbook, handling fee calculator, and accompanying training modules to guide the design and implementation of an ARFD system. | The practical hands-on workbook, resources, and training modules will assist decision makers make evidence-based decisions during the design, implementation, monitoring, and expansion their ARFD system into the future |

Questions from Talanoa 1

| Question / Comment | Raised by | Response |
|--|------------------------|--|
| Cook Islands have been working recently on developing legislation. Please share the process you have undertaken and what are the key actions are on your workplan plan to provide for implementation of the ARFD? | Patricia Pedrus | Claytoncy Taurarii Cook Islands: The Cook Islands have been developing their Advanced Recovery and Disposal Fee Policy (along with empowering legislation, <i>Solid Hazardous Waste Bill</i>) over the last two years. We have established a multi-agency approach to develop and refine these instruments to ensure they are appropriate for the Cook Islands. These documents are now finalised and submitted to be read at the next sitting of the Cook Islands Cabinet. |

| Question / Comment | Raised by | Response |
|--|-------------------------------|---|
| | | <p>Actions on our workplan to implement ARFD include updating the Customs database to enable identification and collection of the ARDF Fee, implementing a communication strategy to assist with messaging and participation, and designing and establishing collection depots in all communities of the Cook Islands; Rarotonga, and the Pa Enea. For the Customs work, the Cook Islands uses a new system called ASCOUDA which we understand is now common in all PICs. We are seeking PacWastePlus support for a TA to link HS codes and undertake testing to enable us to collect the ARDF. The output from this work will be revised HS coding all PICs can use as we implement our systems.</p> |
| <p>Initial support for Niue is to develop legislation –please describe how this action will be facilitated, what will be the key outputs, and what activities are on your workplan to provide for a sustainable operation of the new Niue recycling facility?</p> | <p>Patricia Pedrus</p> | <p>Haden Talagi Niue: Legislation is the first step on our work plan – we seek to develop an ARFD Regulation and empowering Waste Management legislation to enable the self-sustaining operation of waste management.</p> <p>We have a new waste facility currently under construction provided by the Australian Government, the ARFD regulation will enable this facility to operate not reliant on government funds. Internal discussions have commenced for the ARFD and TA legal support through PacWastePlus will start soon. Our engagement in this process and guiding the political approval process is the key priority for 2022. Other activities on the PacWastePlus work plan include physical investment around management of e-waste, undertaking a feasibility review and developing an e-waste centre appropriate for our expected throughput, cleaning up e-waste stockpiles, and delivering training to raise capacity of our staff to operate the centre, and delivering awareness to divert all e-waste away from stockpiles and illegal dumping to the centre.</p> |
| <p>The Solomon Islands project will be looking at introducing a Sustainable Financing Programme, can you inform us what your project seeks to achieve and what actions are on the plan this year?</p> | <p>Patricia Pedrus</p> | <p>Debra Kereseka Solomon Islands: MECDM completed a feasibility study under PacWastePlus and will be utilising funding from the Country Project to design a Sustainable Financing programme and introduce supporting legislation. The outcome of the Feasibility Study will inform the design of the Sustainable Financing Programme.</p> <p>This year we will be commencing National Consultation on the outcome of the Feasibility Study and obtaining all necessary approval for the introduction of the Sustainable Financing Programme. Additionally, we will be constructing a Recycling Centre in Gizo. The centre will collect and package recyclables from the Western Province for processing by Recycling companies in Honiara. The Western Provincial Government has allocated land to MECDM for this centre. The Sustainable Financing programme even though it is a national programme, will be fulfilling one of the targeted outcomes of the Honiara Waste Master Plan established through ADB assistance.</p> |

| Question / Comment | Raised by | Response |
|--|-------------------------------|--|
| | | <p>The construction of the Recycling Centre in Gizo will improve recycling rates in the Western Province as all recyclers are in Honiara.</p> |
| <p>Clearly ARFD is a hot topic with much investment and activities. What is PacWastePlus doing to provide shared learnings and resources to assist countries in the development and implementation of their ARFD?</p> | <p>Patricia Pedrus</p> | <p>Hilary Boyes PacWastePlus: Looking at this Roadmap of Actions, Sustainable Financing is a hot topic – there are many actions underway in the design and implementation of these systems. As two of the dignitaries mentioned in their opening addresses, turning waste into a resource is a key action for improved waste management, and why there is a lot of momentum for these systems.</p> <p>PacWastePlus will assist countries with these actions by providing technical support and providing shared learnings and resources.</p> <p>We have completed nine feasibility studies and other donors such as J-PRISM II has also assisted countries in this area and developed excellent resources.</p> <p>PacWastePlus has started work to package this information and findings and will develop a hands-on “design it yourself” workbook resource and training manual to guide countries through scheme design and implementation – assisting in evidence-based decision-making throughout the recommended 21-step pathway to scheme implementation, from identifying the need, consulting with communities and stakeholders, establishing systems for customs and finance, and drafting legislation.</p> <p>Other resources currently being developed by PacWastePlus include a handbook to provide guidance for identifying and considering Gender Equality and Social, Disability Inclusion (GEDSI) to ensure systems are accessible for all and to minimise any disproportionate effects on marginalised members of the community. PacWastePlus is also always available to provide technical assistance to any member, we are available to present at Working Groups, provide guidance during stakeholder discussions, and review draft legislation.</p> |
| <p>As countries develop legislation, an important factor is hosting effective consultation. We see Vanuatu will utilise PacWastePlus assistance in this area. Please describe your plan for consultation and for progressing your Product Stewardship Scheme.</p> | <p>Patricia Pedrus</p> | <p>Ionie Bolenga Vanuatu: Vanuatu have our new PSS regulation drafted. Our government have a policy that all provinces shall be consulted with on new regulation, so this is a key part of our work plan. We seek to host effective consultation on this important topic, so we seek to utilise PacWastePlus support for upskilling our officers in hosting consultation and using innovative forums to deliver the messages in an engaging and accessible way.</p> <p>Skits and theatre groups are popular with communities in Vanuatu, and are effective at communicating messages, so we hope to untie one of these companies to develop the messages for PSS.</p> <p>For communities and individuals who cannot see the skits live we will film them and develop videos for playing at community sessions and to be shared on social media.</p> |

| Question / Comment | Raised by | Response |
|---|-------------------------------|--|
| <p>Tuvalu has chosen to focus PWP support in the outer islands - constructing depots, updating island by-laws, and completing communications and awareness ... Is legislation in place? What are your priorities on the work plan and what do you hope this project will achieve for your communities?</p> | <p>Patricia Pedrus</p> | <p>Walter Kaua Tuvalu: Legislation is in place, the Tuvalu Waste Levy which was passed in 2019. This is operating well in Funafuti, but it is very difficult for the outer islands to participate. Key priority of ours that all Tuvaluans can access the scheme, to claim their refunds and benefit from a cleaner environment.</p> <p>The main feature of our work plan for 2022 is to building depots on each island which will be operated by our island officers, these will be furnished with handheld crusher and wheelbarrows to enable transport of items to the boat harbour and back to Funafuti (and onwards) for recycling. Other actions on our work plan are to implement a communication plan to provide clear information to outer island communities on how to participate in the Waste Levy and improve waste management in general and update the island by-laws to clarify the roles and responsibilities for operation of the Waste Levy and improved waste management in our island’s communities.</p> |
| <p>The Samoa project will be looking at introducing a waste management system for E-Waste. Can you inform us what the goals for the project, and your plan for this year?</p> | <p>Patricia Pedrus</p> | <p>Samoa Fiasoso Siaoisi: We seek to establish a sustainable system to manage e-waste in Samoa, backed by sustainable financing legislation. PacWastePlus support will be to design and implement an e-waste take back system, draft e-waste regulations under Section 10 of the Samoa National Waste Act, draft an e-waste policy, facilitate a safe dismantling and handling training, and construction of a dismantling facility (in partnership with GEF ISLANDS).</p> <p>This year we will engage a consultant to design a financial management system that is suitable for Samoa for the management of e-waste – this will include the point of amount of deposit, the point of charging a deposit, collection point/system of End-of-Life Electronics, and administration of the system. Additionally, we will be looking to set some national standard on importation of electronics (restrictions on cheap and second-hand electronics that do not last long).</p> |
| <p>Sustainable financing schemes are so important, glad six countries have prioritised this under PacWastePlus. Would like to hear more from countries that have these systems in place – when managing scheme finances, do funds come directly to your departments or are they managed through a government budget?</p> | <p>Andreja Vidal</p> | <p>Walter Kaua Tuvalu: in the case of Tuvalu, initial plans were for Waste Levy funds should come directly to the Department of Waste Management and used as a revolving fund to support resource recovery. Currently however, the funds collected go directly to the government consolidated fund and we have a budget line under annual budget to refund the monies collected. Currently we are revising this to change the policy, so funds come directly to the Department of Waste Management.</p> <p>Ionie Bolenga Vanuatu: from Vanuatu, we stress importance of choosing the right model for each country. As small SIDS, we have different situations that must be well understood.</p> <p>J-PRISM II has supported us through the design of our Sustainable Financing Scheme (Product Stewardship Scheme (PSS) for beverage containers) and PacWastePlus will help us implement this scheme. A public-private Working Group was</p> |

| Question / Comment | Raised by | Response |
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| | | <p>established to design our PSS. This Working Group determined we use a Managing Agency model to run the scheme and manage scheme finances. The funds will be collected and allocated separate from government.</p> <p>We wish to emphasise the need to look into similar programs when develop specific guidelines – for example the role of the Working Group as opposed to the government. Using a Working Group, we had to manage a potential Conflict of Interest risk. PacWastePlus has provided an opportunity to identify other options for scheme management. We are looking into a government-managed model for other waste streams, such as e-waste. During scheme design we recommend countries undertake a deep analysis of PPS in other countries to identify specific issues and opportunities. By understanding issues early and addressing in legislation these challenges may become only minor hiccups.</p> <p>PacWastePlus: Current schemes in operation in PICs generally use a government-held Special Fund with is separate from government consolidated fund / national treasury. The Special Fund is allocated after a claim is verified by government office responsible for scheme operation (i.e., Department of Environment). Specific examples:</p> <ul style="list-style-type: none"> - Kiribati: Scheme funds deposited into a government-held “Special Fund (Waste Material Recovery)”, administered by Ministry of Finance. The System Operator makes claim to MELAD (Ministry of Environment) each week for reimbursement. MELAD verifies claim, and recommends Finance to make payment to System Operator - Palau: Scheme funds deposited into a “Revolving Fund” held by Ministry of Finance. System operator applies monthly (or when reimbursement reaches \$50,000) to MPIIC with documentation to request reimbursement - Others: <ul style="list-style-type: none"> RMI: “Recycling Special Revenue Fund”, administered by Ministry of Finance FSM, Kosrae: “Recycling Collection Program Account”, administered by the Kosrae State Department of Administration FSM, Yap: “Enterprise Fund”, administered by Yap State Division of Finance and Treasury |
| <p>Encouraged to get in touch with each other to continue this learning.</p> | <p>Patricia Pedrus</p> | <p>PacWastePlus: Agreed, there is much action on this topic, working together will provide greater chance at success. Coming soon will be training modules, webinars, and a Green Forum platform to allow us to communicate and share resources and lessons learnt</p> |

Talanoa 2 - Asbestos Management

Asbestos-containing materials are an issue for many Pacific Island countries with a history of use of asbestos-containing materials (ACM) in construction. All forms of asbestos are carcinogenic to humans and inhalation of asbestos fibres that have become airborne can cause serious lung disease.

This Talanoa session was led by Mr Haden Talagi from Niue which provided an opportunity to engage countries in a facilitated discussion and explored the design, commitments, and implementation plans of fellow PICs for implementation this year

It was stressed that the importance of implementing legislative and policy instruments to ban the importation of asbestos containment materials (ACM) and address asbestos legacy issues; and of a regulatory framework to addressing adverse impacts of ACM on human health and the environment are critical to reduce adverse impacts to human health from this material. During the session, countries presented their key activities for 2022 and discussed their aligned activities and common challenges.

Key activities from each country in 2022 include:

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|-----------------|--|--|--|
| Kiribati | Signed an MoU with the PWP program that defines Kiribati's commitments to undertake the needed PWP project work. | Undertake an Assessment to inform the development of a Strategy to address legacy ACM on Banaba Island. | The development and endorsement of an ACM Ban and Asbestos Code of Practice will lead to the long-term elimination of ACM in Kiribati |
| Nauru | Previous ACM abatement work was done under the PacWaste program. Signed an MoU with the PWP program that defines our commitments to undertake the needed PWP project work. | Packaging, labelling and offsite shipment for disposal of stockpiled ACM in a several locations in Nauru | Along with the removal work a best practices case study will be created that can be used and referenced in the future or additional abatement actions in Nauru |
| PNG | Signed an MoU with the PWP program that defines PNG's commitments to undertake the needed PWP project work. | Establish a Strategic Plan for long-term management of ACM and asbestos | The development and endorsement of an ACM Ban and Asbestos Code of Practice will lead to the long-term elimination of ACM in PNG |
| Tonga | ACM abatement work has been done in Tonga in the past, but better practices and training are needed to ensure worker health and safety. Signed an MoU with the PWP program that defines Tonga's commitments to undertake the needed PWP project work. | Creation of Tonga Action Plan to address Legacy Asbestos in the country Development of Asbestos Ban Legislation/Regulation and updated Code of Practice Disaster Response Planning and Preparedness Activities | The development and endorsement of an ACM Ban and Asbestos Code of Practice will lead to the long-term elimination of ACM in PNG |

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---|--|--|--|
| Tuvalu | An assessment of asbestos was conducted in Funafuti in 2014, calculating 18% of buildings contain asbestos. The Tuvalu DWM now seeks to understand the locations and quantities in the Outer Islands a plan can be developed for its management and ultimate removal | Undertake an outer island ACM assessment and develop a report from that work. | An assessment of asbestos was conducted in Funafuti in 2014, calculating 18% of buildings contain asbestos. The Tuvalu DWM now seeks to understand the locations and quantities in the Outer Islands a plan can be developed for its management and ultimate removal |
| PacWastePlus Regional Asbestos Project | Assessment work in select PICs as well as abatement activities in Niue, Tonga and Nauru were completed under the PacWaste program. Continued ACM abatement work has occurred in several PICs with local funding | PWP PCMU to create publications in asbestos management, handling, and abatement in support of better ACM management in PIC. Execute Legislative/Regulatory Asbestos Containing Material (ACM) Bans Create and support the adoption of an ACM Code of Practices | The development and endorsement of an ACM Ban will lead to the long-term elimination of ACM in PIC |

Questions from Talanoa 2

| Question / Comment | Raised by | Response |
|---|------------------------------|---|
| What are the worker safety issues in Nauru around asbestos abatement actions and how does that impact continued asbestos abatement progress? | Mr Haden Talagi, Facilitator | Grace Garabwan (Nauru) The regulatory framework on Nauru for asbestos is limited. To undertake asbestos abatement, work safely has required adherence to other countries regulations and codes of practice. |
| What are the challenges you have encountered working with an outer-island community to define the asbestos problems and how to address them? | Mr Haden Talagi, Facilitator | Taulehia Pulefou (Kiribati) Issues include communication challenges due to remote location of outer islands, phone lines not available. |
| What best practices on consultation can you share? | Mr Haden Talagi, Facilitator | Taulehia Pulefou (Kiribati) The best approach is to bring people together for consultations. We are fortunate to have Banaba Island officials visit occasionally, and we use those times to meet and discuss ACM abatements issues. |
| Tonga currently has a landfill with an asbestos disposal area. Can you provide any information or best practices that could be of help to other Pacific nations with significant amounts of asbestos containing materials for disposal? What issues have been encountered in the designation of an asbestos disposal area? | Mr Haden Talagi, Facilitator | Mafile'o Masi (Tonga) Asbestos waste is being disposed of in the Tapuhia Landfill on Tongatapu, which has been determined as suitable for the disposal of asbestos waste. The asbestos waste is placed in special cells and covered. This has been a great help to asbestos abatement work in Tonga, as the cost for disposal is much lower than it would be if the ACM needed to be transported and disposed of off- island. |

| Question / Comment | Raised by | Response |
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| | | <p>Lance Richman (PWP PMU) In order for local burial of ACM and asbestos-contaminated wastes to occur in a local landfill that takes general refuse, there must be a suitable landfill available as follows:</p> <ul style="list-style-type: none"> • The landfill must be manned and secure so that no looting of asbestos materials can occur. • The landfill must have proper procedures for receiving and covering asbestos waste. A • suitable hole must be excavated, the asbestos waste placed in the hole, and the asbestos • waste covered with at least one meter of cover material. The asbestos waste should be • buried immediately on receipt at the landfill. • Machinery must be available to enable the excavation and covering to occur. • The location of the asbestos should be logged, or an asbestos burial area designated. • Records of dates and quantities should be kept. |
| <p>What approach will Tuvalu take in addressing ACM?</p> | <p>Mr Haden Talagi, Facilitator</p> | <p>Walter P. Kaua (Tuvalu) We are looking to undertake a more complete asbestos material assessment of Tuvalu. We are looking to execute a PacWastePlus project to complete an asbestos assessment in the outer islands beyond Funafuti.</p> <p>A different assessment done by PWP (2015) was meant for all outer islands, though initial assessment made only in Funafuti – we want a complete assessment of whole country so PWP to complete assessment in other islands – so that is the case in Tuvalu for the moment.</p> |
| <p>What are the main challenges to the creation of a robust asbestos management legislative and regulatory framework in PNG?</p> | <p>Mr Haden Talagi, Facilitator</p> | <p>Veari Kula (PNG) The PWP project will engage a reputable consultant to draft a regulation for the banning of the importation of ACM. National consultations with relevant government agencies, industry stakeholders and community groups will be undertaken to develop an appropriate drafting note relevant to PNG’s context.</p> <p>The project will provide an education and awareness component (community sessions and media coverage) to inform public of the hazardous waste streams addressed.</p> <p>PNG is a large and diverse country. Reaching out to such a large population is a huge task. The creation of a legislative framework around ACM will require reaching out to many sectors of the population in PNG.</p> |
| <p>What should our long-term goals be to address ACM in our environment?</p> | <p>Mr Haden Talagi, Facilitator</p> | <p>Lance Richman (PWP PMU) The long-term goal should be the elimination of ACM in the Pacific Island Region. By implementing a ban of these materials, we can keep asbestos from entering island communities.</p> |
| <p>By adopting an Asbestos Code of Practice will we create a liability for the Government should a worker get hurt following the code?</p> | <p>Mr Haden Talagi, Facilitator</p> | <p>Lance Richman (PWP PMU) This will depend on the legal system within each country. Proper execution of the regulation is needed to be sure the appropriate liability scheme is in place.</p> |

| Question / Comment | Raised by | Response |
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| What if any opportunities and/or employment advantages are there in the creation and execution of an Asbestos Code of Practice? | Mr Haden Talagi, Facilitator (pre-meeting) | Lance Richman (PWP PMU) Discussions that I have had with consultants working in the islands has led me to the opinion that a stronger regulatory framework will be needed to improve and develop employment opportunities in the Region. Having a consistent and enforced regulatory structure for asbestos abatement not only will ensure the safety of workers, but also level the playing field to allow a more robust business environment. |
| Safe removal, disposal is challenging – most important are regulations in place to ban the import of ACM into the countries | Andrea Vidal, European Union | Mafile’o Masi (Tonga) We have come together to ban ACM in PICTs. We are now requesting technical assistance from SPREP to strengthening our capacity for this work. I am grateful PWP was designed in such a way to help us in this which is why Tonga has prioritized asbestos management. |
| This discussion of a ban in the region has been around for a while yet nothing has happened, I just want to know, how is this different from before and is there now political momentum? What reassurance can be given this will happen. | Andrea Vidal, European Union | Mafile’o Masi (Tonga) The countries agreeing to ban the pacific, we agreed to ban in the region, but we did request technical assistance from SPREP – strengthening capacity to be able to do so. I am grateful PWP was designed in such a way to help us in this way – which is why Tonga has prioritized asbestos management, limited capacity in region to move forward with things commitments have been made against. Technical assistance request made in the same SPREP meeting commitment was made to help countries with capacity to be able to ban asbestos in the region and countries specifically. |

Talanoa 3 – Organic Waste

Average waste to landfill and dumps in the Pacific is approximately 40% organic material. Organic materials are also commonly burnt or stockpiled in unmanaged pits or piles. The awareness for improved organics management and composting is growing in the region as landfills reach capacity, knowledge increases regarding climate change/methane emissions and water/soil pollution, and local-scale farming is viewed as a way communities can increase climate resilience.

Four member countries, FSM (Chuuk and Yap), Fiji, RMI, and the Solomon Islands have selected to use their PacWastePlus Country Project support to implement an effective system for the management of organics and divert materials from disposal at landfill.

Ms Claytoncy Turaii from the Cook Islands facilitated the Talanoa session. Ms Turaii opened with the emphasis on the importance of managing organics. In Rarotonga, the private sector operates an effective compost operation, and the landfill has implemented a “no organics” rule – households generally burn garden material and feed food waste to animals.

However, the issue of organics disposal resurfaced recently with a tropical depression resulting in a significant number of organic materials being disposed, and the latest 2021 landfill audit finding organics making up about 20% of waste disposed. Previously landfill audits found only a very small portion of organics.

This illustrates continued efforts are needed to divert this material away from landfill and into beneficial uses. Key activities presented from each country in 2022 include:

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|----------------------------|--|---|---|
| Fiji | <p>The scope of the country project was confirmed following consultation with Municipal Councils and the Ministry of iTaukei Affairs.</p> <p>The project MOU has been cleared by the Office of the Solicitor General and submitted to Cabinet for endorsement.</p> | <p>The project will engage a Local Consultant to design Fiji's Communal Organic Processing Programme by working with 6 pilot communities.</p> | <p>The production of compost from organic wastes will divert organic materials away from dumpsite, support agricultural activities, and generate revenue for local communities.</p> |
| FSM (Yap and Chuuk) | <p>The MOU for the project was signed between the Ministry of Environment Climate Change and Emergency Services, Chuuk EPA, Yap EPA and SPREP.</p> | <p>The Yap and Chuuk EPA with assistance of the PacWastePlus PMU will engage local consultants to design a suitable Organic Processing programme and improve the current composting shed with the Division of Agriculture. The consultant will utilise resources from the Regional Project.</p> | <p>The production of compost from organic wastes will divert organic materials away from dumpsite, support agricultural activities, and generate revenue for local communities.</p> |
| RMI | <p>The main Majuro Dumpsite is overcapacity and has been declared a national emergency. The Majuro Atoll Waste Company, in partnership with the RMI EPA, seek to divert 40% of this waste currently comprising of organics and paper/cardboard to a newly constructed compost facility.</p> <p>Market research has been undertaken to understand desired organics processing, and partnerships have been established to confirm appropriate feedstock. .</p> | <p>PacWastePlus support will be for the procurement of a mobile organics chipper to enable the transport of organics material to the compost facility, a cardboard shredder, and training and systems to process compost for sale in Majuro</p> | <p>Market research has been undertaken to understand organics output material desired in Majuro, and a business case was developed to ensure the facility will provide a long-term financially viable operation.</p> <p>Training will be undertaken to ensure the compost produced meets quality standards.</p> |
| Solomon Islands | <p>MOU signed between SPREP, Gizo Town Council, and Western Provincial Government.</p> | <p>The project with the assistance of PacWastePlus PMU will engage a local consultant to design a suitable organic processing programme that will collect and process all organic matter generated at the Gizo Central Market.</p> | <p>The production of compost from organic wastes will divert organic materials away from dumpsite, support agricultural activities, and generate revenue for local communities.</p> |
| Regional Project | <p>The PacWastePlus Regional Organics Project has been designed to increase the technical knowledge and capacity of Pacific governments and stakeholders on how to design and implement effective organic management solutions. The ultimate objective of the PacWastePlus</p> | <p>Resources developed in 2022 will include information and drawings to assist the selection, design, and operation of appropriate an organic solution/facility to suit local needs and context, and a practical "how-to" guide for composting typical</p> | <p>Pacific governments and stakeholders will have practical, resources utilise into the future for the design and implementation of effective organic management solutions.</p> |

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---------|---|--|--|
| | Regional Organics Project will be for Pacific stakeholders to have practical resources and decision-support needed to design and implement their own effective organics management solutions, appropriate for their own context and stakeholders. | items in the pacific, and Pacific Composting Standard. | |

Questions from Talanoa 3

| Question / Comment | Raised by | Response |
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| With 2022 designated as the Year of implementation for PacWastePlus Programme, what is the waste management issue that your PacWastePlus project will help the Yap EPA solve? What are the key deliverables your project is looking at for this year? | Claytoncy Turaii | Christina Fillmed FSM (Yap): The focus for our project is on minimising overall organics disposal at the landfill. For Yap State the support from PacWastePlus this year is on the design and implementation of communal organic processing programme with the assistance of Agriculture and Forestry and Public Works and Transportation. Overall organic processing facility – with the assistance of a consultant through the PacWastePlus project, the consultant would assist in enhancing and build on efforts from an existing small/minor project. |
| Currently over 40% organics and paper/card are currently going to Majuro landfill. What are the key aspects of the RMI PacWastePlus project for 2022 to enable diversion of this material to the compost facility? | Claytoncy Turaii | Halston DeBrum RMI: As seen in the short video clip, the landfill is a major challenge for Majuro. We have an existing composting facility however it is not currently running effectively, and we struggle to transport the organic material received at the landfill to the compost facility with the equipment we have. A key action for our PacWastePlus project is to procurement of a mobile chipper which will enable us to collect and immediately shred the organics materials from households – these can then be provided back to the community to use in their gardens or transferred to the compost site for processing. We will also procure a cardboard shredder to enable us to shred and use the cardboard waste, and a building to house both pieces of equipment. The project will also develop procedures and training to ensure activities are imbedded into normal operations provide for its long-term sustainability. We will also sharing the operations plan and other resources with other islands in the RMI. |
| The Fiji project will be designing and implementing waste management programme to collect and process organic wastes from 25 communities. What key activities will your project implement this year? How will you provide for sustainability of your project? | Claytoncy Turaii | Kavnil Lal Fiji: Our country project will be implemented in 25 informal settlements and villages that are currently without garbage collection services. In 2022, following the signing of the project MOU, we will engage a consultant to work with 6 pilot communities and design suitable communal organic processing programme. |

| Question / Comment | Raised by | Response |
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| | | <p>The consultant will undertake waste audits in the pilot sites to determine the volume and type of organic waste generated to determine suitable organic processing methodology. At the end of this consultancy, we will establish guidelines on designing and implementing suitable communal organic processing programme which will be used to replicate similar programme in the 19 remaining communities throughout project term.</p> <p>To ensure sustainability, the Ministry of Environment will be working with other government ministries such as the Ministry of iTaukei Affairs and Ministry of Local Government to assist with the implementation and monitoring of the communal composting programmes established through this project.</p> <p>Our Ministry will also be working with the Ministry of Agriculture on the sale of final product from the communal organic programme to support local agricultural activities.</p> <p>Additionally, MoE will be utilising GEF ISLANDS project funding to add value to PacWastePlus investment in our communities and improve other waste streams such as recyclables and design and introduce a financial sustainable waste collection service.</p> |
| <p>The Solomon Island project is looking at designing and implementing a waste management programme to manage organic material from the Gizo market. What are your project key deliverables for 2022?</p> | <p>Claytoncy Turaii</p> | <p>Debra Kereseke Solomon Islands: initially we will focus on engaging a consultant to design an organic processing programme that is suitable for Gizo. The consultant will undertake an audit of the Gizo Market to determine the type and volume of organic material generated at the market. The outcome of the audit will then inform the design work. We understand that the TOR for this work is currently routed through the SPREP system by the Programme Management Unit for advertisement.</p> <p>Additionally, we will be undertaking preliminary works for the organic facility that will be constructed under the project to receive and process all organic materials collected from the Gizo Central Market. This works is being implemented by the Gizo Town Council. The facility will be constructed within the Gizo Dump land.</p> |
| <p>The state of Chuuk will be utilising PacWastePlus to design and implement organic processing programme that will collect Organic waste from 9 communities and 1 produce market. What existing infrastructure will your project be utilising? What are your key deliverables in 2022?</p> | <p>Claytoncy Turaii</p> | <p>Brad Mori FSM (Chuuk): The Chuuk PacWastePlus project builds on an existing project by the women’s council on composting. This year the focus is on a design of an organic processing programme specifically for Chuuk through the engagement of a consultant. This consultant would also look at a waste audit from certain communities to compile data on the volume of waste guiding the design for the organic processing system.</p> |
| <p>What resources and assistance will PacWastePlus provide to countries to assist in the implementation of organics projects?</p> | <p>Claytoncy Turaii</p> | <p>PacWastePlus Hilary Boyes: Organics management is an exciting area with much opportunity to divert a large portion of waste from landfill into a valuable resource. It is a goal od PacWastePlus that all stakeholders will have resources</p> |

| Question / Comment | Raised by | Response |
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| | | <p>needed to design and implement their own effective organics management solution.</p> <p>PacWastePlus is currently underway with a technical study that is reviewing our Pacific context closely and identifying eight appropriate organic management solutions. These will range from low tech systems such as providing mulch or animal feed, open windrow composting systems, which are common in our region, and in-vessel system that may be suitable in our larger cities or where space is limited.</p> <p>The technical study will also provide a Handbook on composting common items in the Pacific including coconut fronds, fish processing, and by-product from noni, copra, and sugar cane processing.</p> <p>Resources will first be used by country projects to provide consistent evidence-based decision-making and shared technical capacity to enhance facility design and operation.</p> <p>All resources and case study findings from these country projects will be developed into a resource package and training manual which will be provided to focal points to utilise and share with any stakeholder seeking to implement an organics management solution.</p> |

Talanoa 4 – Healthcare Waste

Improper management of wastes generated in health care facilities can have direct health impacts on the community, the personnel working in health-care facilities, and on the environment. In addition, environmental pollution by inadequate treatment of healthcare waste can cause adverse health effects to the community. Injury occurs and human health is at risk when the community is exposed to inadequately handled and disposed of health care waste. Significant improvements can however be achieved by providing national policy for the management of health care wastes and local hospital health care waste management plans to drive proper treatment and disposal of the waste as is envisioned here. This Talanoa session facilitated by Ms Fiasoitamalii Siasoi from the Samoa MNRE provided an opportunity to engage in a discussion and explored the design, commitments, and implementation plans of fellow PICs for implementation this year. During the session, countries presented their key activities for 2022 and discussed their aligned activities and common challenges. Key activities from each country in 2022 include:

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|--------------------|--|---|---|
| Timor-Leste | Execution of an MoU with the PWP program and both the Timor-Leste NAO and the Ministry of Health defines the commitments made to undertake the needed PWP project work. Engagement with other donor organizations, e.g., WHO, European Investment Bank, etc. has reduce the potential for duplication of project work and created a strong and | <p>Development of an updated National Healthcare Waste Strategy for 2021-2026</p> <p>Development of hospital Healthcare waste management plans for local hospitals in the Dili area</p> | The development and deployment of a Healthcare Waste management train the trainer course will provide for the long-term sustainability of this HCWM capacity building effort. |

| Country | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---|--|--|---|
| | cooperative team to execute HCWM activities. | | |
| PNG | Execution of an MoU with the PWP program and both the CEPA and the Ministry of Health defines the commitments made to undertake the needed PWP project work. | Development of a national healthcare waste management policy revised and formalised as part of a recent Waste Management legislative/policy effort occurring in country | |
| PacWastePlus Regional HCWM Project | Contracted service provider and updated the health care waste management training materials created under the PacWaste program | Undertaking approved works on health care waste incinerators in Palau, Solomon Islands, Tonga, Vanuatu, and Kiribati; and are in the process of planning for work in Timor-Leste | The development of a Healthcare Medical Waste Investment Plan in partnership with donor projects such as GEF ISLAND and PacWastePlus and potentially with WHO to enhance healthcare waste management in member countries through the long-term maintenance of current incinerator investments in PIC. |

Questions from Talanoa 4

| Question / Comment | Raised by | Response |
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| How do we address the myriad of facilities beyond just hospitals (health clinics, dental offices, tattoo parlors, etc.)? | Ms. Fiasositamalii Siaosi | <p>Zitu Fernandes Timor-Leste</p> <p>Most of our incinerators are not working. There is no HCWM guideline. Three things have now become a daily practice for managing healthcare waste:</p> <ul style="list-style-type: none"> • Dig holes to throw waste into • Burn waste • Bury waste <p>The Minister of Health recognizes that health workers need practical training on how to properly manage waste. We hope that SPREP experts can come o Timor-Leste to help.</p> <p>In August 2021, there was a waste audit in Timor-Leste. It was found that some of the medical waste was thrown on the street. We hope that the PacWastePlus support will be implemented soon to address all this.</p> <p>In August 2021, there was a waste audit in Timor-Leste. It was found that some of the medical waste was thrown on the street.</p> <p>We hope that the PacWastePlus support will be implemented soon to address all this.</p> |

| Question / Comment | Raised by | Response |
|--|-----------------------------------|---|
| <p>What if any opportunities and/or employment advantages are there in the creation and execution of a HCWM strategies?</p> | <p>Ms. Fiasosoitamalii Siaosi</p> | <p>Veari Kula Papua New Guinea</p> <p><i>PNG focal point had issues connecting to the meeting. A response was provided by Lance Richman, PacWastePlus Technical Officer - Hazardous Waste.</i></p> <p>PacWastePlus is working with CEPA and the Department of Health on a strategy to execute healthcare waste activities in country, particularly to provide healthcare waste training tied to their HCWM systems. The Department of Health is also a signatory to the Memorandum of Understanding. The regional healthcare waste project also feeds into the work PNG is doing.</p> |
| <p>What should our long-term goals be to address healthcare infectious wastes in our environment (not just public health)?</p> <p>What is the path forward in making the recent incinerator investments sustainable?</p> | <p>Ms. Fiasosoitamalii Siaosi</p> | <p>Edward Nicholas GEF Islands</p> <p><i>[Internet connection issues. Edward's response was inaudible. The Session Facilitator requested Mr. Nicholas provide his written response to the SPREP team to include in the meeting records. The responses are below.]</i></p> <p>Planned GEF ISLANDS activities on HCWM in 2022 include:</p> <ul style="list-style-type: none"> <li> <p>i. Establish technical backstopping facility for management for healthcare waste in the Pacific. Establish technical backstopping facility for management for healthcare waste in the Pacific. This involves the convening of multiple donors (including the EU and GIZ) to establish a technical backstopping service for healthcare waste incinerators in the region. This is intended to overcome the regional barrier of lack of investment in infrastructure, and lack of technical personal. This activity will be undertaken in close consultation with the PWP Project</p> <li> <p>ii. Provision of ongoing technical support to maintain healthcare waste incinerators in the Pacific region Provision of ongoing technical support to maintain healthcare waste incinerators in the Pacific region. This includes emissions monitoring, ensuring that POPs are not emitted. This will also include special attention to mercury-added products that may have entered the waste stream. Support will be provided in establishing processes to ensure segregation of mercury-containing medical devices.</p> |
| <p>4) What is the path forward in making the recent incinerator investments sustainable?</p> | <p>Ms. Fiasosoitamalii Siaosi</p> | <p>Edward Nicholas GEF Islands</p> <p><i>[Internet connection issues. Edward's response was inaudible. The Session Facilitator requested Mr. Nicholas provide his written response to the SPREP team to include in the meeting records. The responses are below.]</i></p> |

| Question / Comment | Raised by | Response |
|--|-----------------------------------|---|
| | | <p>GEF ISLANDS Response:</p> <p>Current mismanagement of healthcare waste in the Pacific is resulting in emissions of dioxins, furans, as well as mercury. This mismanagement is due in part to the failure of countries to maintain and appropriately utilize the healthcare waste incinerators provided through a European Union healthcare waste project funded through the EDF10 from 2014-18.</p> <p>SPREP, as the implementation partner of the PWP is currently undertaking activities to understand, and to improve, healthcare waste management in 14 Pacific Island Countries. Available funding under the PWP Programme is insufficient to undertake all necessary actions, and with the impact of the COVID-19 pandemic on healthcare waste, SPREP has called for a multi-donor response is required to ensure adequate management of healthcare waste throughout the region.</p> <p>A regional response has therefore been proposed as part of the ISLANDS alternative scenario. The regional response proposes to provide support to Pacific countries in healthcare waste management, primarily in ensuring the proper functioning of incinerators, in order to reduce uPOPs emissions. It is noted that there are many more incinerators in the region than those included on the PWP inventory.</p> <p>The technical backstopping facility will be open to support all healthcare management incinerators.</p> |
| <p>Update on the regional project on HCWM</p> | <p>Ms. Fiasosoitamalii Siaosi</p> | <p>Lance Richman PacWastePlus</p> <p>We are looking at undertaking three regional actions:</p> <ol style="list-style-type: none"> 1. HCWM Training. <p>We provided this training under a previous program (2014-2017). We are updating that training, to make it a train-the-trainer course, so that local facilitators can provide the training in their countries. We are preparing a module-type format, so that the training can be broken up into separate modules. The feedback from the previous training was that healthcare staff cannot set aside a full day to participate. So, modules can be an effective way to provide training to busy healthcare waste staff.</p> <ol style="list-style-type: none"> 2. Assessment of PacWaste incinerators. <p>We have already done some work assessing a small number of incinerators installed under the previous program. We were able to secure funding to execute repairs to those. Our focus is to create some sustainability to the previous investment on incinerators. We will try to get a better understanding as to why some are not working and deduce the lessons learnt from those. In addition, we've been working with other donor partners on the possibility to execute a long-term incinerator HCW facility, to address the sustainability issues tied to this technology.</p> |

| Question / Comment | Raised by | Response |
|---|---|---|
| | | <p>3. Undertake assessment of HCW investments from previous PacWaste program.</p> <p>Assessment to evaluate what when wrong and progress work under the PWP program to provide better solutions and better outcome for HCWM investments.</p> |
| <p>What about the large amount of COVID19 waste generated; is additional investment needed to address this increase in the healthcare waste stream?</p> | <p>Fiasosoitamalii Siaosi</p> | <p>Lance Richman PacWastePlus</p> <p>We provide information to our member countries on COVID-19 waste that are generated. We have found that there is not much difference between the COVID-19 waste generated and other infectious HCW. The issue is around quantity and volume. We have been working on providing documentation that discusses that issue, to ensure that people who are disposing these wastes, dispose of them properly and don't spend a lot of extra money and time. We are looking at long-term impacts of COVID-19 waste and putting together publications for HCWM.</p> |
| <p>When the implementation will start. We note that the project will end in two years, and we hope that the process of implementation will start soon.</p> | <p>Zitu Fernandes Timor-Leste on behalf of the focal point from the Minister of Health:</p> | <p>Zitu Fernandes Timor-Leste</p> <p>Implementation of the PWP project has been ongoing for the past year.</p> <p>Since signing of the MoU at the end of last year, four (4) Terms of Reference have been drafted, of which two have been advertised and the other two are under review by Timor-Leste staff.</p> <p>The advertisement for the in-country national officer and the Technology Options Assessment (evaluating HCWM disposal options other than incineration) are in final negotiations</p> <p>The Contracts currently under final review by Timor-Leste staff are: PWP-126-CON: Healthcare Waste Management Training to Timor-Leste: Development, Translation, and Delivery, and PWP-129-CON: Development of a Timor-Leste National healthcare waste management strategy 2022-2026.</p> <p>In the past few months, PWP PCU has learned independently that another donor, European Investment Bank, plans to undertake several healthcare waste management activities in Timor-Leste. We understand that they have been working closely with the Ministry of Health in Timor-Leste. Considering this information, the PWP PMU has opened up lines of communications with EIB to ensure that no duplication occurs.</p> |
| <p>Apart from MOU signed with NDoH, PNG, what has been done and what is envisioned for future?</p> | <p>Manau Renagi EU Delegation to PNG</p> | <p>Veari Kula Papua New Guinea</p> <p><i>[PNG focal point had issues connecting to the meeting. A response was provided by Mr Lance Richman, PacWastePlus Technical Officer - Hazardous Waste.]</i></p> <p>The proposed PWP project aligns with the PNG's Vision 2050 Strategy relating to Environmental Sustainability and Climate Change. Execution of this work is scheduled to begin late this year and on into 2023.</p> |

| Question / Comment | Raised by | Response |
|--|-----------------------------------|--|
| | | <p>First, the PacWastePlus project will focus on developing a Code of Practice for asbestos containing materials (ACM) and an action plan for the long-term management of ACM in PNG. In tandem, develop national legislation to ban the importation of asbestos to ensure no additional ACM will arrive in PNG and train local Customs officials to enact and enforce the ACM ban.</p> <p>Second, to reduce, and in some cases eliminate, hazardous waste related illness by the creation, revision and execution of various hazardous waste management strategies and capacity building efforts. Specifically, develop a national E-waste management strategy and provide specialized e-waste dismantling training to CEPA staff and private industry.</p> <p>And lastly there are plans to review and revise as needed the draft National Healthcare Waste Policy & Guidelines currently in place in PNG.</p> |
| <p>Incinerator under PacWaste sent to Timor-Leste was never installed. Any possibility for PWP to overcome the issue?</p> | <p>Dulce Gusmao Timor-Leste</p> | <p>Lance Richman PacWastePlus</p> <p>EU funding has been allocated to address the PacWaste incinerator investment in Timor-Leste. The PWP PMU will need to get a commitment from Timor-Leste via an MoU to ensure proper maintenance and upkeep of these facilities. Without proper maintenance of these units, the investment is not sustainable and will not be undertaken.</p> |

Talanoa 5 – Bulky/Disaster Waste Management

Talanoa 5 featured Palau’s country actions, activities by PacWastePlus Programme, and partners to improve the management of Bulky Waste and Disaster Waste.

Ms Ionie Bolenga from Vanuatu facilitated session discussions and informed meeting participants that the talanoa is focused on two waste streams, namely Bulky Waste stream and Disaster Waste stream.

Meeting participants were also informed that the first portion of the session will highlight actions on the Bulky Waste Stream before actions on Disaster Waste streams is highlighted.

Participants were informed that the purpose of talanoa 5 is to:

1. Highlight the Country project for Palau and present key project outcome for the year 2022.
2. Inform of PacWastePlus Bulky Waste project
3. Highlight the importance of managing Disaster Waste for Pacific Island Countries
4. Inform of PacWastePlus Disaster Waste Management project
5. Highlight the work of other programmes that PacWastePlus is leveraging.

During the session, countries presented their key activities for 2022 and discussed their aligned activities and common challenges. The Programme Manager for GEF ISLANDS, Mr. Edward Nicholas experienced Internet connectivity during the meeting which resulted in the PacWastePlus Technical Officer for Solid Waste providing brief background on GEF ISLANDS activities. Key activities highlighted during the facilitated discussion on Bulky Waste is reflected in the Table below:

| Project | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|--|--|--|---|
| Palau | <p>It was identified in the 2019 Waste Audit that Palau has 13,739m³ of End-of-Life Tyres (EOLT) stockpiled in the country which included 100m³ of shredded tyres. Palau is utilising PacWastePlus funding to expand the country's Container Deposit Legislation scheme to include tyres.</p> | <p>Palau's Solid Waste Management Division will engage a consultant to design an End-Of-Life Tyre Take Back scheme that will and expand the scope of the existing CDL programme to include tyres. The project will be engaging a consultant in 2022 to design the in-country repurposing programme. The outcome of this consultancy will inform the sustainable financing work of the project.</p> | <p>The long-term financial viability of the Palau Tyre Recycling programme will be provided through the expansion of the scope of the CDL programme and Regulation.</p> |
| PacWastePlus Bulky Waste Regional Project | <p>PacWastePlus Programme Management Unit PacWastePlus PMU completed a Research project that assesses opportunity for in country repurposing of End-Of-Life Tyres in the Pacific. Outcome of this research is available on the website.</p> <p>The PMU will be implementing a regional project that will produce guidelines that will assist Pacific Island Countries on the safe dismantling, and handling of End-of-Life Vehicles. This will also include safe storage especially for hazardous components of ELV. Additionally, learnings from country projects will be packaged into resources that can be used by other countries to implement similar projects in the future.</p> <p>building on to the scoping study by the GEF ISLANDS project to develop guidelines that will assist Pacific countries to improve management of End-Of-Life vehicles.</p> | <p>The PMU is in the process of drafting the TOR for this consultancy and is targeting the end of the third quarter of this year.</p> | <p>The introduction of ELV safe handling and dismantling guideline will enable Pacific Island Countries to undertake first treatment of ELV prior to shipment.</p> |
| GEF ISLANDS Bulky Waste Project | <p>GEF ISLANDS project is currently implementing a Regional Scoping study on Bulky Waste. Additionally, the project will be piloting an E-Waste training facility that will embark on community learning for e-waste repair. This facility will be constructed in collaboration with Samoa's PacWastePlus project activity on Dismantling Facility.</p> | <p>Consultancy for the Bulky Scoping Study is currently underway with site preparation for the facility scheduled for quarter 3 and 4 of 2022.</p> | <p>Learnings from this project can be used by other countries to implement similar projects.</p> |

Ms. Ionie highlighted that the World Risk Index 2021 assessed the disaster risk for 181 countries, covering almost 99 per- cent of the world’s population.

In this assessment, Vanuatu was identified as the most vulnerable country, with Solomon Islands rated second and Tonga as third.

Large volumes of waste are generated following natural disasters, placing pressure on local waste infrastructure. PacWastePlus, GEF ISLANDS, JPRISM II, and SWAP highlighted key actions on Disaster Waste Management.

These are reflected in the table below:

| Project | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|--|--|---|--|
| JPRISM II Disaster Waste Management | Launched the Regional Disaster Waste Management Guideline and supported Tonga with ongoing recovery exercises. That should be completed around August. | <p>JPRISM II will implement the following activities:</p> <p>Development of National Disaster Waste Contingency Plans implemented in Vanuatu, Solomon Islands, Tonga, and Samoa.</p> <p>Training on disaster waste assessment and estimation.</p> <p>Development of disaster waste information system that will collect disaster waste, store, and manage and disseminate disaster waste information for management purposes.</p> <p>JPRISM ongoing support to the Regional Technical Working Group for Disaster Waste.</p> <p>We now have around 150 members over Facebook, where we communicate on a regular basis.</p> <p>Continuation of Response and Recovery supporting activities whenever a disaster strikes.</p> | Regional Guideline identifies key waste management activities in each stage of the Disaster Waste Management Cycle. |
| Regional Disaster Waste Project | PacWastePlus is implementing a regional project that will assist Pacific Island countries, to mainstream disaster waste management into national disaster management framework. This will include: operational guide to assist with establishment of clusters in the National Disaster Waste Management Office, looking at disaster waste management and potentially biodiversity and | <p>The Programme Management Unit completed the contract negotiations and is proceeding on to the signing process of this agreement.</p> <p>This project is expected to commence soon in the coming weeks.</p> | Guidelines produced will assist Pacific countries to effectively implement the activities highlighted in the Regional Disaster Waste Management Guideline. |

| Project | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|------------------------------------|---|--|--|
| | <p>environmental assessment as well.</p> <p>In addition to this, the project will also establish a standard methodology for the assessment of disaster waste after a national disaster, that can inform post disaster needs assessment.</p> <p>This guideline will be available at the end of Q3 before we work with the pilot country to trial the guidelines.</p> <p>Guideline from the regional project will be used in a pilot country before finalisation and publication.</p> | | |
| GEF ISLANDS Project | <p>GEF Islands will be looking at climate proofing landfills. They will be trailing their project in Kiribati and Tonga.</p> | <p>Commitment for 2022 was not obtained during the meeting</p> | <p>Not highlighted</p> |
| SWAP Disaster Waste Project | <p>Disaster waste management is one of the four thematic areas addressed by SWAP. This is small project involving five Pacific countries and two French territories.</p> <p>The three countries implementing disaster waste activities under SWAP are Solomon Islands, Vanuatu, and Tonga.</p> | <p>For Tonga, given the current situation, following the volcanic eruption and tsunami, SWAP and the Ministry of Environment are developing a proposal for a pilot project. This pilot project plans to include climate proofing activities at the Tapuhia landfill including:</p> <ul style="list-style-type: none"> •Upgrading of access roads •Maintenance of wastewater treatment facilities •Construction of waste segregation platforms <p>For Solomon Islands and Vanuatu, SWAP will proceed I two stages:</p> <ol style="list-style-type: none"> 1. 2022 - conduct a scoping study on landfill application and climate proofing 2. 2023 – conduct climate proofing and prioritisation works | |

Questions from Talanoa 5

| Question / Comment | Raised by | Response |
|---|---------------|--|
| <p>Can you tell us what your country project is about and what activities are targeted for completion this year?</p> <p>Can you also briefly explain any existing programmes that your country project will leverage?</p> | Ionie Bolenga | <p>Calvin Ikesiil Palau</p> <p>The 2019 waste audit identified Palau has approximately 40,000m³ of End-Of-Life tyres stockpiled in our landfill, including 100m³ of shredded tyres.</p> <p>Through PacWastePlus, we designed a waste management system that will repurpose End-Of-Life tyres in the country. We are also looking at including tyres in our current CDL system and setting up some standards for importation.</p> <p>This year we will be engaging a consultant to design this in-country repurposing system and to determine the suitability of existing infrastructure and areas improvements.</p> <p>One of our foci is to expand our tyre shredding system. Right now, the system shreds tyre up to 6 inches in diameter. We want to improve it to shred up to 1 inch or 2 inches so that it will become attractive to construction companies.</p> |
| <p>Can you please highlight the scope of work for the Regional Bulky Waste Project and what is targeted to be achieved this year?</p> | Ionie Bolenga | <p>Sainimili Bulai PacWastePlus</p> <p>For the regional project, we have completed research into options for repurposing End-Of-Life tyres in Pacific Island countries.</p> <p>The outcome of this research can be accessed through the PacWastePlus website.</p> <p>Additionally, PacWastePlus PMU will package learnings from countries that are utilising PacWastePlus funds to implement e-waste management project. These learning can then assist other countries to implement similar projects in the future.</p> <p>The PacWastePlus Regional Bulky Waste Project will be providing guidelines to assist Pacific Island Countries to improve the management of End-Of-Life vehicles (ELV). This project will engage a consultant to establish practitioner’s guidelines on safe dismantling and handling of ELV, and storage. These documents will greatly assist in the effective management of hazardous component of ELV. PacWastePlus aims to engage this consultant in the third quarter of 2022 with the targeted guidelines made available at the end of the year.</p> |
| <p>Can you please highlight what the GEF ISLANDS projects are, and what you are trying to achieve this year and elaborate on your partnership with PacWastePlus in supporting member countries to improve the management of Bulky Waste.</p> | Ionie Bolenga | <p>Edward Nicholas GEF Islands</p> <p>A feasibility study looking at the process, procedures, viability, and environmental issues related to collecting and transporting used vehicles for dismantling in Fiji</p> <p>There are several (11) Cross-cutting issues that the Study/Research Plan is required to address.</p> <p>The final study report will provide expert views on the feasibility of a regional recycling venture on ELVs, white goods, and plastics, providing options and considering which materials will be recycled, how they will be recycled and potential location/s. Each option will consider port facilities, capacity, shipping networks and logistics and will include an economic assessment, a market assessment, a technical assessment (including infrastructure needs), an environmental assessment, legislative/regulatory frameworks (including international agreements) as well as political will, social and cultural issues.</p> <p>The report will recommend the most favourable option based on the multi-criteria assessment needs that I noted earlier.</p> |

| Question / Comment | Raised by | Response |
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| <p>Earlier this year, JPRISM II launched the Regional Disaster Waste Management Guidelines. With a few more months to go till the wrap up of the JPRISM II project, what are some of the activities that JPRISM II will undertake in the Disaster Waste Management space?</p> | <p>Ionie Bolenga</p> | <p>Faafetai Sigapolutele JPRISM II</p> <p>For Disaster Waste, JPRISM II still have a number of on-going activities.</p> <p>Preparedness supporting activities:</p> <ul style="list-style-type: none"> we have developed National Disaster Waste Contingency Plans implemented in Vanuatu, Solomon Islands, Tonga, and Samoa. we have training on disaster waste assessment and estimation. We also have a yearly activity on the development of a disaster waste information system that will collect disaster waste, store, manage and disseminate disaster waste information for management purposes. JPRISM ongoing support to the Regional Technical Working Group for Disaster Waste. We now have around 150 members on Facebook, where we communicate regularly. <p>Response and Recovery supporting activities:</p> <ul style="list-style-type: none"> This refers to disaster events. Whenever a disaster strikes, JPRISM is willing to support countries when they request our support. Recently, we supported Tonga with ongoing recovery exercises. That should be completed around August. |
| <p>PacWastePlus is implementing a Regional Disaster Waste Management Project, can you please highlight the scope of work for this project and how it will assist Pacific countries.</p> | <p>Ionie Bolenga</p> | <p>Sainimili Bulai PacWastePlus</p> <p>PacWastePlus Regional Disaster Waste Management project will establish practitioner’s guideline that will aid Pacific Island countries, to mainstream disaster waste management into national disaster management framework.</p> <p>This will include an operational guide to assist with the establishment of clusters under the National Disaster Waste Management Office, to effectively implement the activities recommended under the Regional Disaster Waste Management Guideline. There is an opportunity for the scope of works for this cluster to be expanded to also include biodiversity and environmental assessment following a natural disaster.</p> <p>In addition to this, the project will also establish a standard methodology for the assessment of disaster waste after a national disaster, that will inform post-disaster needs assessment.</p> <p>This guideline will be available at the end of Q3 before we work with the pilot country to trial the guidelines. The PacWastePlus Programme Management Unit anticipate implementing this project in the coming weeks.</p> |
| <p>I understand that GEF ISLANDS will be investing in the climate-proofing of landfills. Can you please share information on GEF ISLANDS works in this area?</p> | <p>Ionie Bolenga</p> | <p>Edward Nicholas GEF Islands</p> <p>A key objective of the GEF ISLANDS landfill climate-proofing project:</p> <ul style="list-style-type: none"> A feasibility and design study will be undertaken to detail a blueprint for the rehabilitation and climate proofing of Tongan landfills Landfills in Tonga will be rehabilitated and climate proofed using a methodology piloted by JICA. This activity is designed to mitigate the risk of a key root cause of poor chemical and waste management, by decreasing the vulnerability of landfills to climatic events and reducing the burden of natural disasters on waste management infrastructure. <p>Specific projects in each country</p> <ul style="list-style-type: none"> Tonga – In Tonga, the Government of Japan through the JICA/JPRISM Project funded the rehabilitation of Kalaka Landfill, into a semi-aerobic landfill to better manage waste in Vava’u. Rehabilitation of Ha’apai and |

| Question / Comment | Raised by | Response |
|---|--|---|
| | | <p>‘Eua landfills using the same semi aerobic method is a priority of the Tongan government. This work is central to the implementation of the national 3R program to reduce waste and to climate-proof the landfills, preventing pollution of the environment with waste. In addition, rehabilitation will reduce the prevalence of fires at the landfill, contributing to a reduction in emissions of uPOPs.</p> <ul style="list-style-type: none"> • Kiribati - Kiribati is a series of low-lying coral atolls. Throughout the country, there are only four operational waste disposal sites. Three are located in coastal areas in South Tarawa, the capital. These dumping sites are not well designed thus the walls often break down during king tides and heavy rains. The wastes dumped at these sites were mixed with the high volume of organic wastes. The outer islands (except for Kiritimati) have no disposal sites, nor waste collection systems and wastes are being openly burned or dumped at sea or on land. Currently, 32 outer islands of Kiribati lack any form of managed waste disposal. Support is urgently needed to improve waste management on the outer islands, to prevent waste from entering the ocean. • RMI – Similar to Tonga, the Landfill on Majuro will be rehabilitated in close consultation with the work of the JPRISM Project. |
| <p>Julie like GEF ISLANDS, SWAP will also be investing in the climate-proofing of landfills. Can you please share information on GEF ISLANDS works in this area?</p> | <p>Ionie Bolenga</p> | <p>Julie Pillet SWAP</p> <p>Disaster waste management is one of the four thematic areas addressed by SWAP. This is a small project involving five Pacific countries and two French territories.</p> <p>The three countries implementing disaster waste activities under SWAP are Solomon Islands, Vanuatu, and Tonga.</p> <p>For Tonga, given the current situation, following the volcanic eruption and tsunami, SWAP and the Ministry of Environment are developing a proposal for a pilot project. This pilot project plans to include climate-proofing activities at the Tapuhia landfill including:</p> <ul style="list-style-type: none"> • Upgrading of access roads • Maintenance of wastewater treatment facilities • Construction of waste segregation platforms <p>For the Solomon Islands and Vanuatu, SWAP will proceed in two stages:</p> <ol style="list-style-type: none"> 1. 2022 - conduct a scoping study on landfill application and climate-proofing 2. 2023 – conduct climate-proofing and prioritisation works |
| <p>Regarding the development of disaster waste management guidelines; is there a pilot country that is already in mind?</p> | <p>Manau Renagi EU Delegation to PNG</p> | <p>Sainimili Bulai PacWastePlus</p> <p>Currently, we are finalising the guideline for selection criteria for the pilot country for this project.</p> |

SESSION 4: REMAINING REGIONAL PROJECTS

The PacWastePlus Communications Officer, and project partner presented on the planned regional project activities that will provide value to all participating countries.

Capacity Building, School Education and Behaviour Change Regional pilot projects

Mr Nitish Narayan highlighted three regional projects that are currently being planned for roll out over the coming months.

An overview was provided of implementation commitments for these regional project actions as outlined below.

| Project | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---|---|---|---|
| School Education | This project looks at mainstreaming of waste management into existing core school subjects/curriculum (English, Math Science, Arts, Technology) for Primary and Secondary level school education | <ul style="list-style-type: none"> Develop TOR and Tender Advertisement Selection of Consultant Consultant to undertake consultation and Curriculum development Curriculum developed and provided to countries for adoption Technical Assistance to countries for implementation of Curriculum | Inclusion of waste management education wide across schools in the region by developing a comprehensive curriculum-based approach |
| Behaviour Change Regional pilot projects | <p>The intention of this regional pilot project is to shift community behaviour – community attitude and behavior, their relationship to waste, their relationships to each other, to their past, to their religion or beliefs, social norms and how it can contribute towards sustainable waste management.</p> <p>Projects to be implemented in identified pilot countries with technical assistance and funds available to only three countries for development of pilot community social marketing pilot projects</p> | <ul style="list-style-type: none"> Develop Country selection criteria for pilot project (only 3 countries eligible) Selection of 3 countries for pilot project Develop TOR and Tender advertisement Selection of consultant Development of pilot projects for 3 countries Implementation of Pilot projects M&E of pilot project progress | Replication of successfully implemented pilot projects across the region. Empowerment and involvement of communities by being agents of change for providing innovative simple solutions for sustainable waste management |
| Capacity Building | The Institute of Applied Sciences of The University of the South Pacific was engaged to carry out a stocktake assessment of tertiary and vocational waste management educational and trainings (completed and | <ul style="list-style-type: none"> Completion of Stage 2 works of the NCNA - Undertake questionnaire survey with countries to “truth findings of the NCNA. Collation and analysis of survey feedback results | Development of a sustainable capacity building program for waste management in the Pacific. Enhanced capacity development opportunities in the region for waste management, training and |

| Project | Background and Current Achievements | Commitments and Key Goals for 2022 | Provision for Long-Term Sustainability |
|---------|---|--|---|
| | published) to identify any existing or potential accredited waste management training, competency-based assessments, or hands-on training opportunities currently available to participating countries. | Develop and advertise Tender/TOR for Training Course Development Appointment of Service Providers Development of Training/Courses and delivery type Implementation of training/courses to countries | courses developed based on country needs. |

WasteWater

Mr David Hebblethwaite from SPC presented on a proposed project on a Regional Synthesis Study on Wastewater Management. The proposed study represents a practical and feasible response to the wastewater-related objectives of PacWastePlus in the light of budget constraints and continuing COVID-related travel restrictions.

The project will undertake a remote regional synthesis study that integrates existing information, surrogate data, expert knowledge, and the input of key stakeholders through consultations and surveys. This overall synthesis of the wastewater sector would provide a basis for more targeted action in wastewater management at the regional, national levels, identification of regional hotspots, barriers to effective management and opportunities for future support and investment

Programme Forecast Budget

| Titles | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|---------------------------|---------------------------|
| | 2 July 2021 – 1 July 2022 | 2 July 2022 – 1 July 2023 | 2 July 2023 – 30 Sep 2024 |
| PACWASTE PLUS - BUDGET for the ACTION | | | |
| KRA 0 - PACWASTE PLUS Project Management | | | |
| TOTAL KRA 0 | \$996,466 | \$1,114,567 | \$1,090,090 |
| KRA 1 - Improved data collection, information sharing, and education and awareness | | | |
| KRA 1 – Activity | | | |
| Clean Pacific Roundtable meeting, including pre-ception workshop Pacwaste Plus | \$31,818.50 | \$31,218.50 | \$- |
| 1.1 Conduct baseline waste management assessments | \$- | \$- | \$107,249.00 |
| 1.2 & 1.3 Establish the INFORM Waste data Portal and National Waste Monitoring Framework | \$251,100.00 | \$100,000.00 | \$- |
| 1.4(i) & 1.4(ii) Develop regional education and awarness raising plan to guide delivery of National Plans | \$21,805.00 | \$111,805.00 | \$3,840.00 |
| 1.4(iii) Develop and Implement Social Marketing Campaigns | \$76,000.00 | \$264,000.00 | \$160,000.00 |
| 1.5 Research advisory group (RAG) | \$125,247.00 | \$- | \$- |
| Subtotal KRA 1 | \$505,971 | \$507,024 | \$271,089 |
| KRA 2 Policies and regulatory frameworks developed and implemented | | | |
| KRA 2 – Activity | | | |
| 2.1 Regional legislative framework for waste management | \$80,000.00 | \$81,224.00 | \$- |
| 2.2 & 2.3 Develop Regional / National legislation | \$202,319.30 | \$175,411.70 | \$30,000.00 |
| 2.4 Advocacy on good environmental governance | \$95,145.00 | \$- | \$- |
| Sub-total KRA 2 | \$377,464 | \$256,636 | \$30,000 |
| KRA 3 - Best practices, including enhanced private sector engagement and infrastructure development, implemented | | | |
| KRA 3 Activity | | | |

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|---------------------------|---------------------------|
| | Titles | 2 July 2021 – 1 July 2022 | 2 July 2022 – 1 July 2023 |
| 3.1 - 3.9 Enhance solid, hazardous and disaster waste management | \$859,563.31 | \$2,578,045.24 | \$1,977,347 |
| 3.10 Waste Water research project | \$150,000.00 | \$250,000.00 | \$- |
| 3.11 Complete PacWASTE I Activities | \$28,380.00 | \$713,697.33 | \$- |
| Sub-total KRA 3 | \$1,037,943 | \$3,541,743 | \$1,977,347 |
| KRA 4 - Human capacity enhanced | | | |
| KRA 4 - Activity Costs | | | |
| 4.1 National Needs Assessment on governance activities | \$30,159.90 | \$- | \$- |
| 4.2 National / Regional capacity Building | \$100,000.00 | \$100,000.00 | \$100,000.00 |
| 4.3 School education project | \$70,000.00 | \$30,000.00 | \$- |
| 4.4 Vocational & Tertiary education project | \$289,170.00 | \$578,340.00 | \$289,177.00 |
| 4.5 Facilitate capacity Building exchanges | \$175,000.00 | \$150,000.00 | \$75,000.00 |
| Sub-total KRA 4 | \$664,330 | \$858,340 | \$464,177 |
| Total direct of the action | \$3,582,174 | \$6,278,309 | \$3,832,703 |
| SPREP Administration Indirect Cost (7%) | \$250,752.20 | \$439,481.64 | \$268,289.20 |
| Contingency | \$- | \$- | \$- |
| Total Budget | \$3,832,927 | \$6,717,791 | \$4,100,992 |



SESSION 5: MEETING CLOSURE

The meeting was closed with some short housekeeping issues where Countries were:

- invited to email through any further questions they may have for a response on their country commitments
- reminded they would be contacted to provide some input or quotes to the media and promotion of the meeting

Ms Andrea Vidal, of the EU Pacific Delegation, provided some closing words by thanking all participants and encouraged country focal points to commence implementation of their agreed project actions.

The PacWastePlus programme manager, Mr Bradley Nolan announced that an offer was conveyed by Ms Claytoncy Taurarii, on behalf of the Cook Islands, to host the PacWastePlus programme Steering Committee meeting in 2023. While a tentative date of 24 April 2023 has been proposed for the next steering committee meeting, the programme will provide further detailed information in due course.

The meeting was officially closed via a prayer provided by Mr. Setoa Apo, Principal Waste Management Officer at the Ministry of Natural Resources and Environment of Samoa.

The meeting concluded at 5.10pm Samoa time.







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PacWastePlus
PACIFIC WASTE MANAGEMENT

This initiative is supported by **PacWastePlus**-a 72 month project funded by the European Union (**EU**) and implemented by the Secretariat of the Pacific Regional Environment Programme (**SPREP**) to **sustainably and cost effectively improve regional management of waste and pollution.**

WELCOME

PACWASTEPLUS PROGRAMME

STEERING COMMITTEE MEETING



Date: May 12 2022
Time: 1pm Samoa Time
Venue: Zoom Platform

WELCOME

Mr Anthony Talouli

**Director - Waste Management and
Pollution Control Programme
SPREP**



WELCOME PRAYER

Mr Joshua Sam

**Hazardous Waste Management
Adviser, Waste Management &
Pollution Control,
SPREP**



OPENING ADDRESS

Hon. Toeolesulusulu Cedric Schuster

**Minister of Natural Resources and
Environment, Samoa**



EU REMARKS

H.E Michal Krejza

**Head of Cooperation
Delegation of the European Union
for the Pacific Office**



SPREP REMARKS

Mr. Sefanaia Nawadra

**Director General
SPREP**



2021 HIGHLIGHTS

- Key achievements
- Key products
- Project Planning and Implementation system
- Programme response to COVID
- Achievements: KRA 1-KRA 4



Presenter: **Mr. Bradley Nolan**
PacWastePlus Programme Manager

Key achievements



Numerous contracts were executed to deliver key actions to close the PacWaste project. Including support for 9 countries to respond to KRA 2 (legislative improvement) and have undertaken ARFD feasibility studies for these countries



Contract execution for undertaking **remaining PacWaste activities** as detailed in KRA 3.11



Active and ongoing implementation of a Communications & Visibility Plan led by the quarterly “Connections” newsletter. Over 100 publications released in the past 12 months



Completion of the Regional waste audits in partnership with UNEP, WB, ADB, and POLP



Partnerships with various regional donors and donor funded projects to undertake work that will assist PacWastePlus actions and generated over US\$800,000 in co-financing



Provided **support to countries** regarding waste policy and National Waste Strategies

Key achievements – Project Administration



Continued employment of the **remote engagement strategy** with no travel possible in 2021



PWP PMU undertook **545 engagements**, **46%** of the **1129 participants** were women.



Established **active and working relationships** with **PRIF, ADB, World Bank, UNEP, WHO, UNDP, NSW EPA, USP, UPNG, UoN, University of Wollongong, J-PRISM II, GEF ISLANDS**, and the **Asbestos Eradication and Safety Agency in Australia**; to further the delivery of the PacWastePlus actions and add value to our participating countries.



Development of the **PacWastePlus GEDSI Plan**, and an updated **Monitoring & Evaluation Plan**



Country projects were submitted to EU seeking feedback on suitability and expected outcomes. **All country projects except Vanuatu** are now ready for implementation.



Signed MoU's or LoA's with 13 of the 15 participating countries. The final two countries are under negotiation at present. Work can commence once these agreements are signed.

Project Planning and Implementation system

Workspace

0. PacWastePlus

+ Add

Filters

Search

Sera's Task list

Sainimili's Task List

PWP Master Files

- ▶ Master Admin
- ▶ PWP - Project master
- ▶ CVP Tasks Master Board

Project Boards

- ▶ Cook Islands
- ▶ FSM
- ▶ Fiji
- ▶ Kiribati
- ▶ Niue
- ▶ Nauru
- ▶ Palau
- ▶ PNG
- ▶ RMI

Upgrade

Unassigned

+ Add Item

| | Admin steps | Link to Project | Stream | KRA | Country | Responsible |
|--------------------------------|-------------|-----------------|------------------|-----|------------------|-------------|
| Inception | | | | | | |
| Cook Islands - Recycling | ▶ 6 | Open | Recyclables | | Cook Islands | |
| Fiji - Organics | ▶ 6 | Open | Organics | | Fiji | |
| FSM - Organics | ▶ 6 | Open | Recyclables | | FSM | |
| Kiribati - Asbestos | ▶ 6 | Open | Asbestos | | Kiribati | |
| RMI - Recyclables | ▶ 6 | Open | Recyclables | | Marshall Islands | |
| Niue - Recyclables | ▶ 6 | Open | Recyclables | | Niue | |
| Nauru - Asbestos | ▶ 6 | Open | Asbestos | | Nauru | |
| Palau - Bulky waste | ▶ 6 | Open | Bulky waste | | Palau | |
| PNG - HAZMAT | ▶ 6 | Open | HAZMAT | | PNG | |
| Samoa - E-waste | ▶ 6 | Open | E-waste | | Samoa | |
| Solomon Islands - Recyclables | ▶ 6 | Open | Healthcare waste | | Solomon Islands | |
| Solomon Islands - Organics | ▶ 6 | Open | E-waste | | Solomon Islands | |
| Timor-Leste - Healthcare waste | ▶ 6 | Open | Healthcare waste | | Timor-Leste | |
| Tonga - Asbestos | ▶ 6 | Open | Asbestos | | Tonga | |
| Tuvalu - Asbestos | ▶ 6 | Open | Asbestos | | Tuvalu | |
| Tuvalu - Recyclables | ▶ 6 | Open | Recyclables | | Tuvalu | |

Programme response to COVID

PacWastePlus has continued to be impacted by the pandemic, with issues arising related to:



delivery timeframes



modifications to
SPREP management
systems



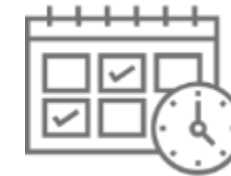
travel
restrictions



delays and impacts
from natural
disasters



reduced access to country
focal points in response to
the COVID-19 global
pandemic



Timeframe extension
until **September 2024**



Programme Logic
and M&E Plan



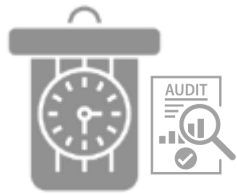
Requested recruitment of
15 co-financed (GEF)
National Officers positions



Newly identified
Regional Projects (the
team will talk through
these later)

Despite these challenges, the PMU has continued to develop a strong project plan and continue to deliver well planned and structured activities.

Key achievements – Key Result Area 1: Data, Information, and Education



Completed the **PacWastePlus** portion of the **National Waste Audits** (Federated States of Micronesia, Nauru, Niue, Papua New Guinea, Republic of Marshall Islands and Vanuatu)



Actively implemented our **Communications & Visibility Plan**



Produced and published **4 editions of *The Connection* newsletter** which is distributed to 728 individuals.



Contributed to the successful delivery of the **Cleaner Pacific Roundtable**. A total of **4 Deep Dive sessions** were developed and facilitated by programme technical officers with representation of participating programme countries in all sessions. The CPRT Deep Dive Sessions which were well attended, included **HealthCare Medical Waste Investment Plan, Sustainable Financing, Legislative/Policy Controls for ACM and Disaster Waste Management**.



Developed and published **113 Resources and stories**

Key products

All PacWastePlus publications and resources can be downloaded from <https://pacwasteplus.org/resources/>

Research Reports



[Waste to Energy
Research Report](#)



[Recycling Market
Research Report](#)



[Situational Analysis
of Human Rights
Issues in the Waste
Management Sector:
Literature Review](#)

Programme Governance Document



[PacWastePlus
Programme Gender &
Social Inclusion \(GESI\)
Guiding Document](#)



[PacWastePlus
Steering Committee
Report 2021](#)

Waste Audit Reports



[RMI Waste Audit
Report](#)



[Nauru Waste Audit
Report](#)



[Vanuatu Waste
Audit Report](#)



[PNG Waste Audit
Report](#)

Regional Resource



[Model Regional
Education and
Awareness Plan](#)



[Understanding
Advance Recovery
Fee and Deposit
\(ARFD\) Scheme-
VIDEO](#)



[Asbestos Management
Legislative Reform
Pathway](#)



[Pathway for a Sustainable
Financing Mechanism](#)

Booklets



[Waste to Energy
Information
Booklet](#)



[Recycling Market:
Summary Booklet](#)



[Asbestos
Management Policy
and Regulation for
Pacific Island
Countries and Timor-
Leste](#)



[Living Safely with
Asbestos](#)



[Asbestos
Management
Legislative and
Regulatory Analysis –
Policy
Recommendations](#)



[A Guide to
Developing Project
Engagement Plans:
Stakeholder
Education and
Awareness](#)

Factsheets

15 Country Project
Snapshots

Key achievements – Key Result Area 2: Legislative Assistance



Supported **six countries with ARFD Feasibility Studies** (*Kiribati, Nauru, Niue, Papua New Guinea, Solomon Islands, and Vanuatu*)

Commenced work with **Papua New Guinea** on **ARFD feasibility study**



Assisted with the establishment (or in some cases utilised an existing Working Group) of **five Working Groups for the design and implementation of an Advanced Recovery Fee and Deposit scheme**; *Cook Islands, Kiribati, Nauru, Niue, Solomon Islands, and Vanuatu.*



Provided **review and assistance for the development of regulatory documentation** (policy, regulation, and minister / cabinet submission) required to **progress the Advanced Recovery Fee and Deposit regulations** in *Cook Islands, Samoa, and Vanuatu.*



Commenced technical support for the inclusion of **Gender Equality and Disability, Social Inclusion** for the **design of Advance Recovery Fee and Deposit systems**



Received request from Timor-Leste to **assist with development of Solid Waste national guidelines**

Key achievements – Key Result Area 3: On-ground Works



Developed and delivered a **disaster waste response project to facilitate removal of disaster debris generated from Tropical Cyclone Harold** in nine communities on the islands of Santo, Pentecost, Aore and Malo



Engaged a contractor to manage and deliver **incinerator repairs activities remotely and provide online remote training** to operational staff.



Drafted and submitted to DEPC Vanuatu, **community plans for nine communities** affected by Tropical Cyclone Harold.



Engaged a consultant **to develop an Asbestos Removal Control Plan**, for the **Niue asbestos abatement work**. Materials needed to execute the abatement work have been delivered to Niue awaiting the consultant for when travel is allowed.



Completed an update to the **health care waste management training materials** initially created under the PacWaste program and revised the materials for use as a train the trainer course.

Key achievements – Key Result Area 4: Capacity Building



Developed and provided training on the **use of the Regional Waste Auditing Methodology**. Delivered training to PacWastePlus funded waste audit countries.



Completed the USP engagement to identify currently **available waste management courses** and confirmed process to 'ground-truth' findings.



Developed and delivered **community training in disaster preparedness and disaster waste clean up**. Training provided to community participants in the **nine communities** that were the focus of PacWastePlus clean up works in **Vanuatu**.



Confirmed a set of **Minimum Standards for waste management** to be used to benchmark training against, to ensure training addresses issues of importance to the Pacific & Timor-Leste.

Budget Report

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|--|---------------------------|
| | Titles | 3rd Year Actual Costs USD (2 July 2020 - 1 July 2021) | Cumulative Expenditure |
| KRA 0 - PACWASTE PLUS Project Management | | | |
| TOTAL KRA 0 | \$696,207 | \$1,509,308 | \$3,400,287 |
| KRA 1 - Improved data collection, information sharing, and education and awareness | | | |
| Clean Pacific Roundtable meeting, including pre-inception workshop PacWaste Plus | \$714.11 | \$72,277.20 | \$77,722.80 |
| 1.1 Conduct baseline waste management assessments | \$441,591.88 | \$443,591.86 | \$198,808.14 |
| 1.2 & 1.3 Establish the INFORM Waste data Portal and National Waste Monitoring Framework | \$12,400.00 | \$15,600.00 | \$342,000.00 |
| 1.4(i) & 1.4(ii) Develop regional education and awareness raising plan to guide delivery of National Plans | \$9,000.00 | \$76,510.08 | \$148,489.92 |
| 1.4(iii) Develop and Implement Social Marketing Campaigns | \$- | \$- | \$500,000.00 |
| 1.5 Research advisory group (RAG) | \$72,189.14 | \$77,452.58 | \$122,547.42 |
| Subtotal KRA 1 | \$535,895 | \$685,432 | \$1,389,568 |

Budget Report

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|---|--|---------------------------|----------------------|
| Titles | 3rd Year Actual Costs USD (2 July 2020 - 1 July 2021) | Cumulative Expenditure | Remaining Balance |
| KRA 2 Policies and regulatory frameworks developed and implemented | | | |
| 2.1 Regional legislative framework for waste management | \$78,741.92 | \$222,906.35 | \$209,999.65 |
| 2.2 & 2.3 Develop Regional / National legislation | \$128,140.00 | \$128,140.00 | \$418,954.00 |
| 2.4 Advocacy on good environmental governance | \$- | \$2,254.75 | \$95,145.25 |
| Sub-total KRA 2 | \$206,882 | \$353,301 | \$724,099 |
| KRA 3 - Best practices, including enhanced private sector engagement and infrastructure development, implemented | | | |
| 3.1 - 3.9 Enhance solid, hazardous and disaster waste management | \$31,600.82 | \$31,600.82 | \$5,439,699 |
| 3.10 Waste Water research project | \$- | \$- | \$800,000 |
| 3.11 Complete PacWASTE I Activities | \$125,177.67 | \$130,377.67 | \$743,347 |
| Sub-total KRA 3 | \$156,778 | \$161,978 | \$6,983,047 |

Budget Report

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|--|--|---------------------------|----------------------|
| Titles | 3rd Year Actual Costs USD (2 July 2020 - 1 July 2021) | Cumulative Expenditure | Remaining Balance |
| KRA 4 - Human capacity enhanced | | | |
| 4.1 National Needs Assessment on governance activities | \$70,373.11 | \$70,373.11 | \$30,159.89 |
| 4.2 National / Regional capacity Building | \$- | \$- | \$300,000.00 |
| 4.3 School education project | \$- | \$- | \$100,000.00 |
| 4.4 Vocational & Tertiary education project | \$42,780.00 | \$42,780.00 | \$1,156,687.00 |
| 4.5 Facilitate capacity Building exchanges | \$- | \$- | \$400,000.00 |
| Sub-total KRA 4 | \$113,153 | \$113,153 | \$1,986,847 |
| Total direct of the action | 1,708,916 | 2,823,172 | 14,483,848 |
| SPREP Administration Indirect Cost (7%) | \$115,911.81 | \$197,622.05 | \$1,013,868.95 |
| Contingency | \$- | \$- | \$270,039.00 |
| Total Budget | \$1,824,828 | \$3,020,794 | \$15,767,756 |



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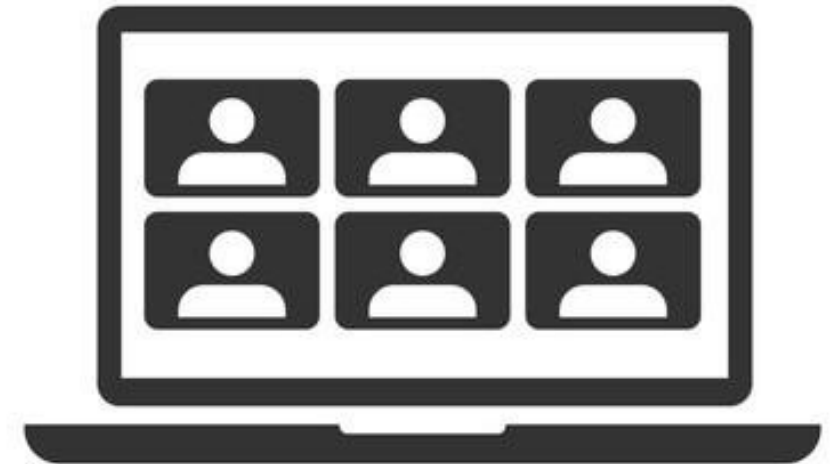


PacWastePlus
PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022

BUT FIRST! VIRTUAL GROUP PHOTO OPPORTUNITY

Please turn on your camera so we all can
take a screenshot together!



A close-up photograph of a white ceramic coffee cup filled with dark coffee, sitting on a matching saucer. The cup is positioned in the lower-left quadrant of the frame. A thick plume of white steam rises from the coffee, drifting towards the upper-left. The background is a dark, textured surface, possibly wood, with a warm, golden-brown light source creating a soft glow around the cup and steam. The overall mood is cozy and inviting.

SHORT BREAK

See you all in

5 MINUTES



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PacWastePlus

PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting

May 12 2022

MEETING CHAIR

**Director Christina Filmed
FSM**

- Reminder to use chat feature
- Keep microphones muted!
- Adherence to time allocation for sessions and 5-minute rules for breaks
- Introduction of any other country reps in attendance apart from focal points
- Be courteous and respectful during all interactions



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PacWastePlus
PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022

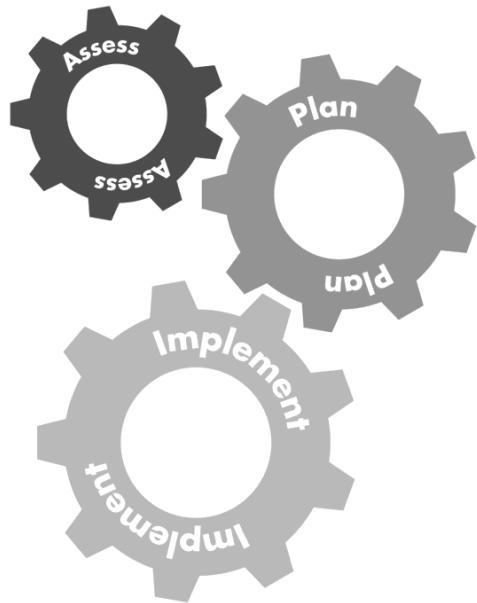


COUNTRY LED TALANOA

*“Implementation
and commitments”*

Session Introduction:
Meeting Chair

Summary of Focus for 2022



Major activities for 2022 are the commencement of country projects and regional projects...



Its time to hear from you all!



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PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022



TALANOA ONE – SUSTAINABLE FINANCING (RECYCLABLES AND E-WASTE)

Ms Patricia Pedrus (FSM) - Session Facilitator

Regional Project Perspective

- **Ms Hilary Boyes / Ms Sainimili Bulai**

Recyclable Project Country Panellists:

- **Cook Islands**
- **Tuvalu**
- **Solomons**
- **Vanuatu**

E-Waste Project Country Panellists:

- **Samoa**
- **Niue**

Talanoa Sustainable Financing (Recyclables & E-waste): 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP





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PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022



TALANOA TWO – ASBESTOS MANAGEMENT

Session Facilitator – Director Haden Talagi (Niue)

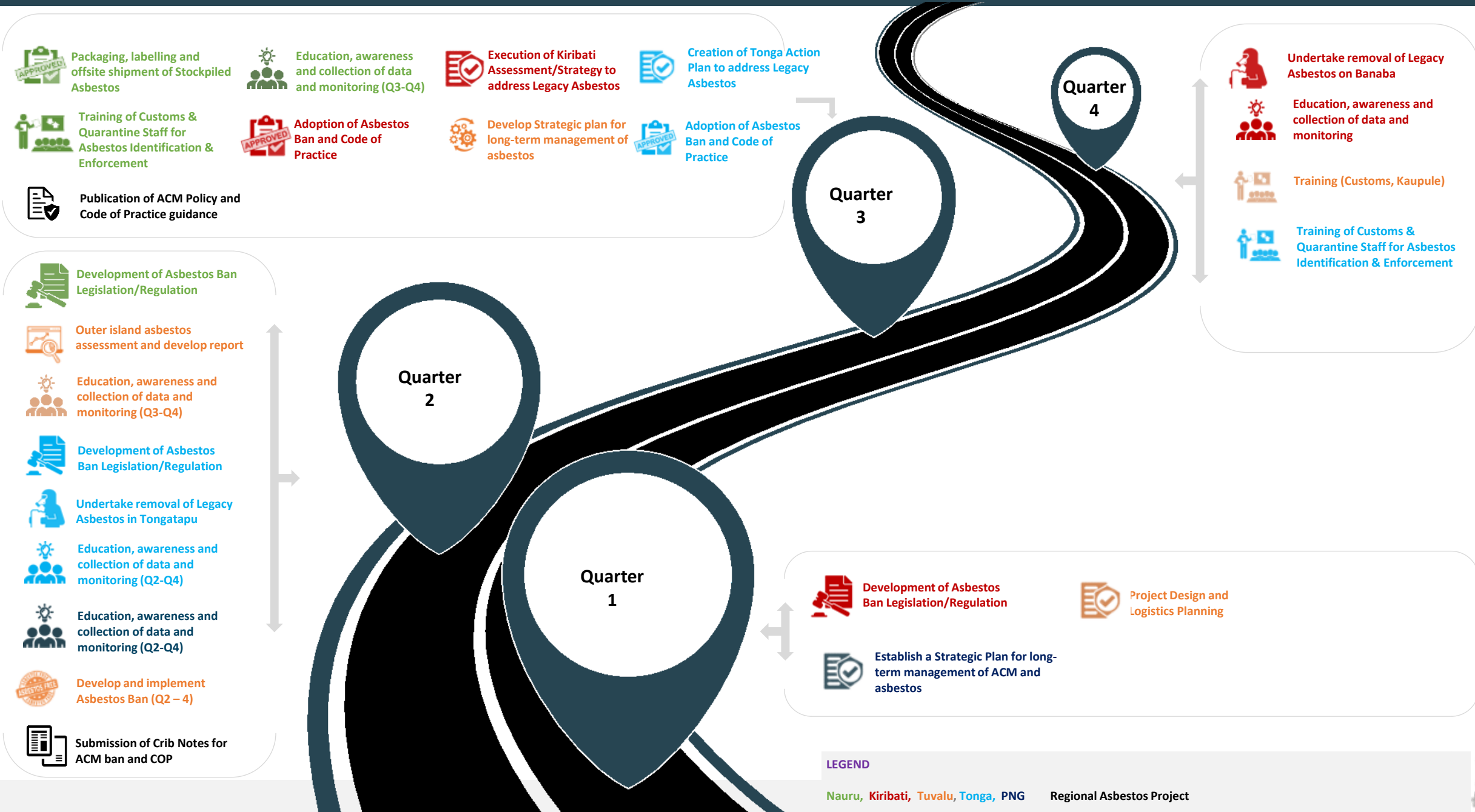
Regional Asbestos Project Perspective

- **Mr Lance Richman**

Asbestos Country Panellists :

- **Nauru**
- **Kiribati**
- **Tuvalu**
- **Tonga**
- **PNG**

Talanoa Asbestos Management: 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP





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PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022



TALANOA THREE – ORGANIC WASTE

**Session Facilitator – Actg. Director Claytoncy
Taurarii (Cook Islands)**

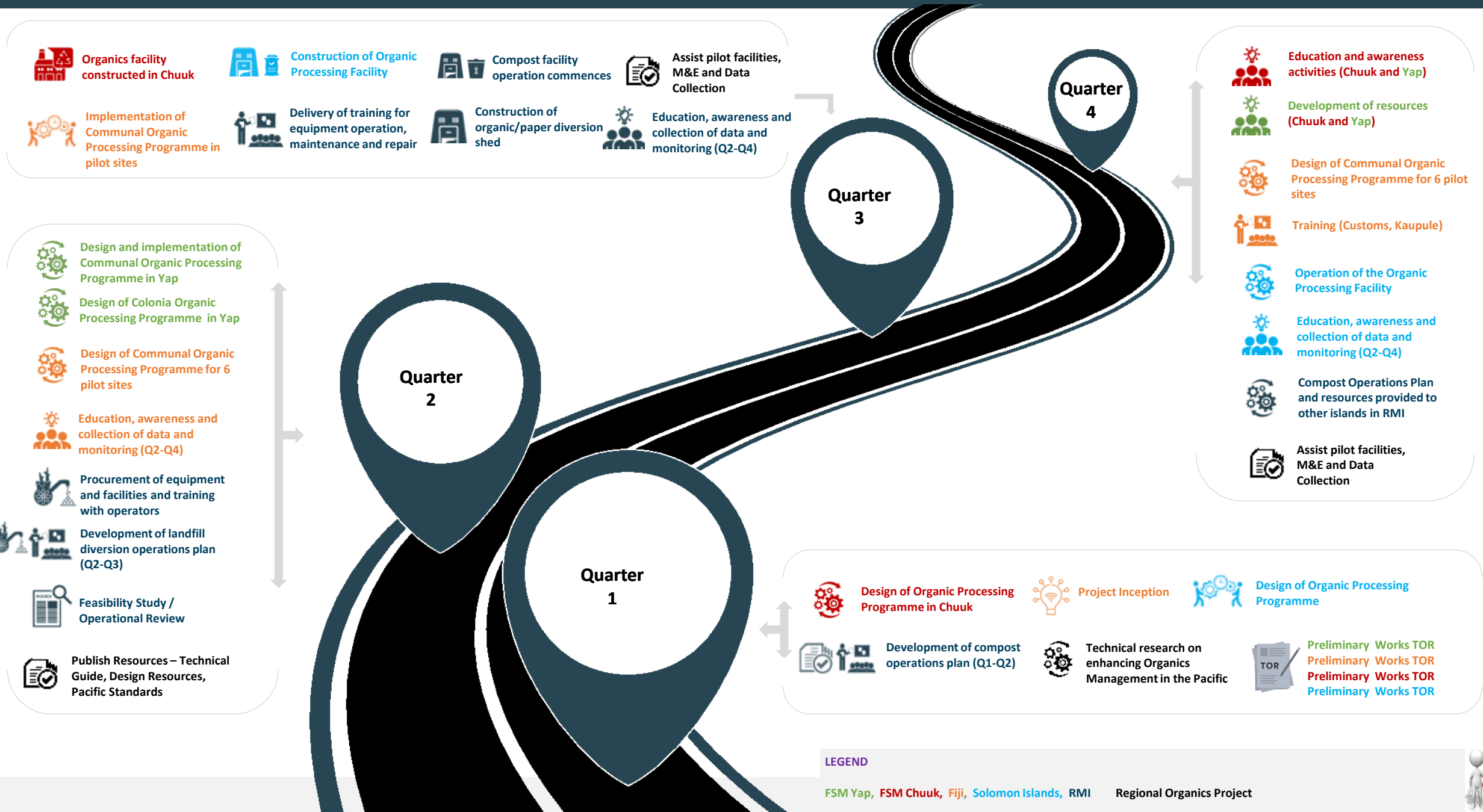
Regional Organic Waste Project Perspective

- Ms Hilary Boyes and Ms Sainimili Bulai

Organic Waste Project Country Panellists:

- FSM Yap
- FSM Chuuk
- Fiji
- Solomon Islands
- RMI

Talanoa Organic Waste: 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP



LEGEND

FSM Yap, FSM Chuuk, Fiji, Solomon Islands, RMI Regional Organics Project





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PacWastePlus

PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022



TALANOA FOUR — HEALTHCARE WASTE

Session Facilitator - Ms Fiasosoitamalii Siasosi (Samoa)

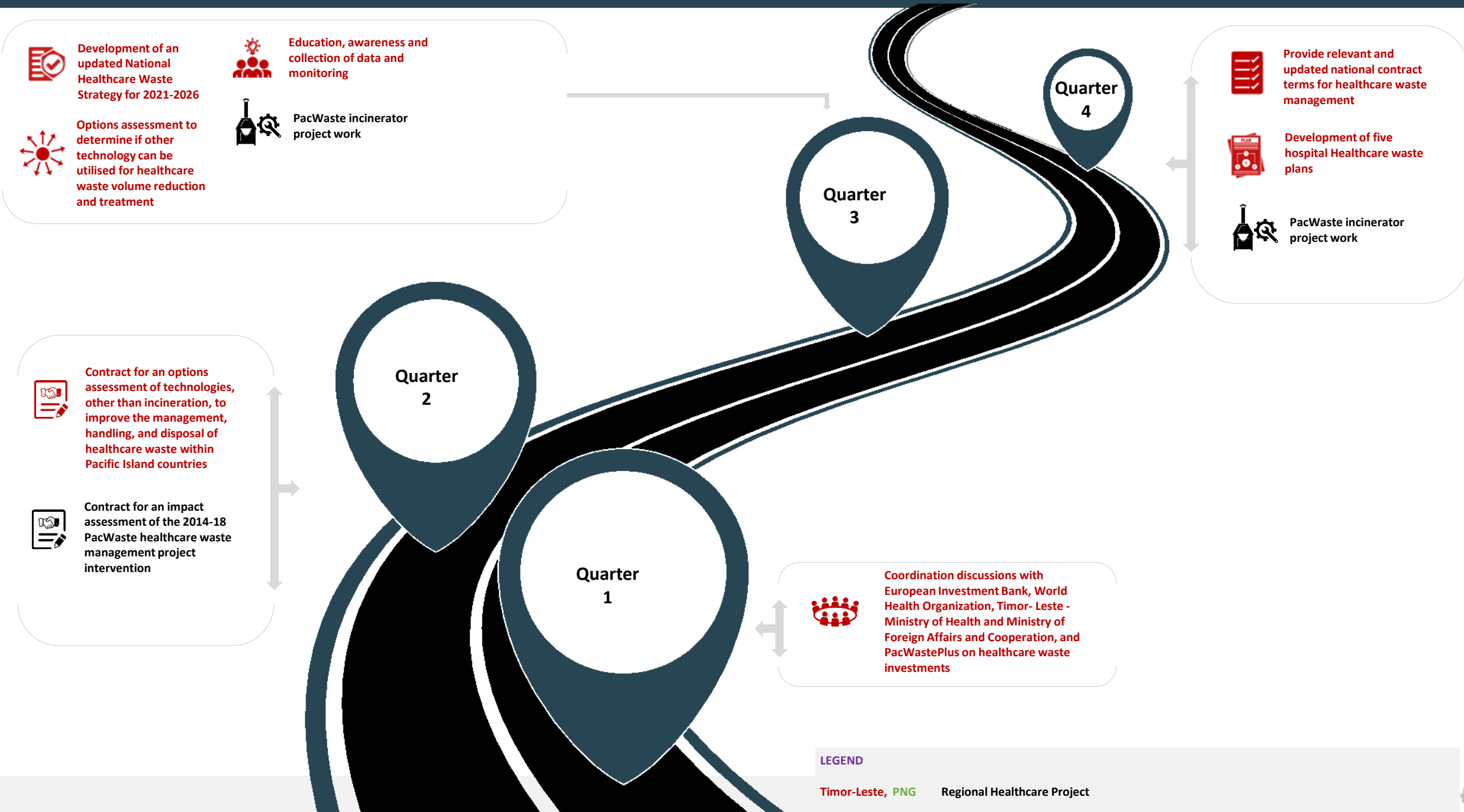
Regional Healthcare Project Perspective

- Mr Lance Richman

Healthcare waste Country Panellists :

- Timor-Leste
- PNG

Talanoa Healthcare Waste: 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP



LEGEND

Timor-Leste, PNG

Regional Healthcare Project





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Secretariat of the Pacific Regional
Environment Programme



PacWastePlus

PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022



TALANOA FIVE – BULKY WASTE / DISASTER WASTE

Session Facilitator - Ms Ionie Bolenga (Vanuatu)

Bulky Waste Project Country Panellist:

- Palau

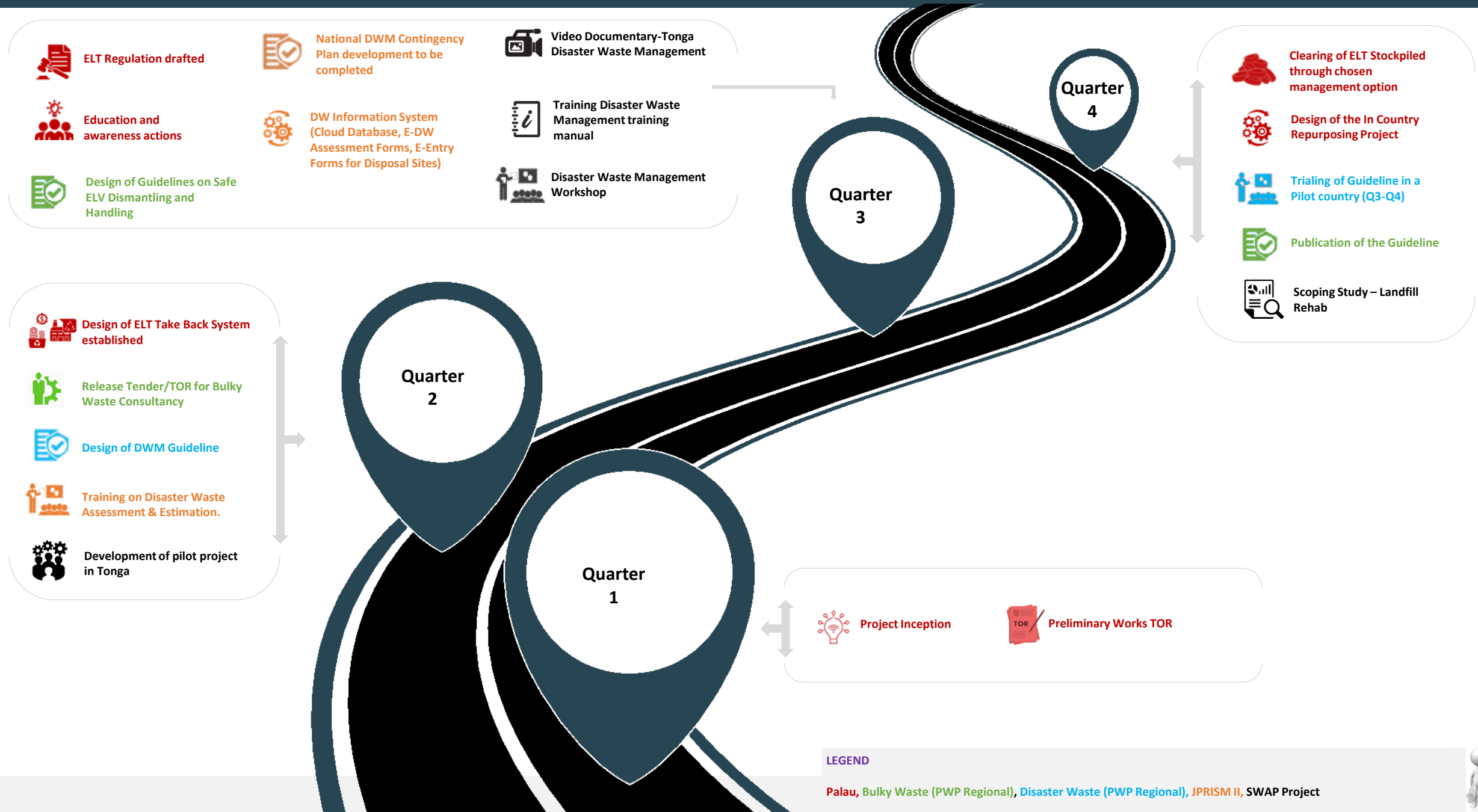
Regional Projects Perspective

- Ms Sainimili Bulai (PacWastePlus)

Partner Projects

- ISLANDS
- SWAP

Talanoa Bulky/Disaster Waste: 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP



A close-up photograph of a white ceramic coffee cup filled with dark coffee, sitting on a matching saucer. The cup is placed on a dark wooden surface. A large plume of white steam rises from the coffee, filling the upper left portion of the frame. The background is a dark, warm-toned wood grain.

SHORT BREAK

See you all in

5 MINUTES

REGIONAL PROJECT PLANNING

- **Behaviour Change Pilots**
- **School Curriculum**
- **Course Development**



Presenter: **Mr. Nitish Narayan**
PacWastePlus Communications Officer

Regional Capacity Building Activities 2022 KEY ACTIVITIES IMPLEMENTATION ROADMAP



- Selection of consultant Development and Implementation of 3 country pilot projects



- Curriculum developed and provided to countries for adoption



- Launch Online Moodle Training modules
- Tender/TOR for Training Course Development
- Advertise Tender
- Appointment of Service Providers



- Implementation of Pilot projects
- M&E of pilot project progress



- Technical Assistance to countries for implementation of Curriculum



- Development of Training/Courses and delivery type



- Develop Country selection criteria for pilot project (only 3 countries eligible)
- Selection of 3 countries for pilot project
- Develop TOR and Tender advertisement



- Tender Advertisement
- Selection of Consultant
- Consultant to undertake consultation and Curriculum development



- Undertake questionnaire survey with countries
- Collation and analysis of survey feedback results
- Develop TOR and Tender for Moodle Online Training modules based on available programme resources



Develop TOR for Tender



Completion of Stage 2 works of the National Capacity Needs Assessment (NACA)

LEGEND



Behaviour Change Pilot Projects,



School Curriculum Development,



Course Development/Capacity Building

REGIONAL PROJECT UPDATE

Wastewater



Presenter: Mr. David Hebblethwaite
Water Security and Governance
The Pacific Community (SPC)

Regional Synthesis Study on Wastewater Management



The project will undertake a **remote regional synthesis study** that integrates existing information, surrogate data, expert knowledge, and the input of key stakeholders through consultations and surveys.



Development of the regional synthesis study will include:

- mapping and analysis of all relevant stakeholders
- compilation and collation of existing information through a regional data stocktake
- production of a regional wastewater snapshot based on an agreed assessment methodology
- analysis of the capacity needs of national institutions
- review of existing regulatory environments
- assessment of current monitoring and reporting capabilities.



This **overall synthesis** of the wastewater sector would provide a basis for **more targeted action in wastewater management** at the:

- regional and national levels
- identification of regional hotspots
- barriers to effective management
- opportunities for future support and investment

The proposed study represents a practical and feasible response to the wastewater-related objectives of PacWastePlus in the light of budget constraints and continuing COVID-related travel restrictions



The study will **focus on the priority point-sources** identified in the strategy, including:

- **sewage**
- **grey water**
- **landfill leachate**
- **stormwater runoff**
- **wastewater from industrial and mining activities**
- **wastewater from husbandry agricultural processing activities**



Key components to the study will include the development of:

- **initial stakeholder analysis and mapping exercise**
- **stocktake of existing data sources,**
- **practical assessment methodology and regional wastewater snapshot,**
- **capacity analysis of national institutions,**
- **review of regulatory environments, assessment of existing monitoring programmes and capacities**

PACWASTEPLUS BUDGET FORECAST

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|---|---|---------------------------|---------------------------|
| Titles | 2 July 2021 – 1 July 2022 | 2 July 2022 – 1 July 2023 | 2 July 2023 – 30 Sep 2024 |
| TOTAL KRA 0 | \$ 996,466 | \$ 1,114,567 | \$ 1,090,090 |
| KRA 1 - Improved data collection, information sharing, and education and awareness | | | |
| Clean Pacific Roundtable meeting, including pre-inception workshop PacWaste Plus | \$31,818.50 | \$31,218.50 | \$- |
| 1.1 Conduct baseline waste management assessments | \$- | \$- | \$107,249.00 |
| 1.2 & 1.3 Establish the INFORM Waste data Portal and National Waste Monitoring Framework | \$251,100.00 | \$100,000.00 | \$- |
| 1.4(i) & 1.4(ii) Develop regional education and awareness raising plan to guide delivery of National Plans | \$21,805.00 | \$111,805.00 | \$3,840.00 |
| 1.4(iii) Develop and Implement Social Marketing Campaigns | \$76,000.00 | \$264,000.00 | \$160,000.00 |
| 1.5 Research advisory group (RAG) | \$125,247.00 | \$- | \$- |
| Subtotal KRA 1 | \$505,971 | \$507,024 | \$271,089 |

PACWASTEPLUS BUDGET FORECAST

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | | |
|---|---|---------------------------|---------------------------|---------------------------|
| | Titles | 2 July 2021 – 1 July 2022 | 2 July 2022 – 1 July 2023 | 2 July 2023 – 30 Sep 2024 |
| KRA 2 Policies and regulatory frameworks developed and implemented | | | | |
| 2.1 Regional legislative framework for waste management | \$80,000.00 | \$81,224.00 | \$- | |
| 2.2 & 2.3 Develop Regional / National legislation | \$202,319.30 | \$175,411.70 | \$30,000.00 | |
| 2.4 Advocacy on good environmental governance | \$95,145.00 | \$- | \$- | |
| Sub-total KRA 2 | \$377,464 | \$256,636 | \$30,000 | |
| KRA 3 - Best practices, including enhanced private sector engagement and infrastructure development, implemented | | | | |
| 3.1 - 3.9 Enhance solid, hazardous and disaster waste management | \$859,563.31 | \$2,578,045.24 | \$1,977,347 | |
| 3.10 Waste Water research project | \$150,000.00 | \$250,000.00 | \$- | |
| 3.11 Complete PacWASTE I Activities | \$28,380.00 | \$713,697.33 | \$- | |
| Sub-total KRA 3 | \$1,037,943 | \$3,541,743 | \$1,977,347 | |

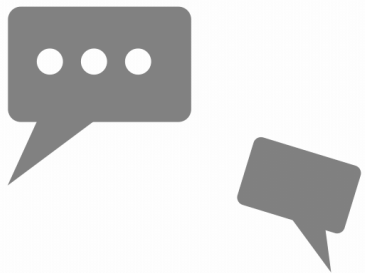
PACWASTEPLUS BUDGET FORECAST

| PACWASTE PLUS - BUDGET for the ACTION | PACWASTE PLUS - Actual Costs for the Action | | |
|--|---|---------------------------|---------------------------|
| | 2 July 2021 – 1 July 2022 | 2 July 2022 – 1 July 2023 | 2 July 2023 – 30 Sep 2024 |
| Titles | | | |
| KRA 4 - Human capacity enhanced | | | |
| 4.1 National Needs Assessment on governance activities | \$30,159.90 | \$- | \$- |
| 4.2 National / Regional capacity Building | \$100,000.00 | \$100,000.00 | \$100,000.00 |
| 4.3 School education project | \$70,000.00 | \$30,000.00 | \$- |
| 4.4 Vocational & Tertiary education project | \$289,170.00 | \$578,340.00 | \$289,177.00 |
| 4.5 Facilitate capacity Building exchanges | \$175,000.00 | \$150,000.00 | \$75,000.00 |
| Sub-total KRA 4 | \$664,330 | \$858,340 | \$464,177 |
| Total direct of the action | \$3,582,174 | \$6,278,309 | \$3,832,703 |
| SPREP Administration Indirect Cost (7%) | \$250,752.20 | \$439,481.64 | \$268,289.20 |
| Contingency | \$- | \$- | \$- |
| Total Budget | \$3,832,927 | \$6,717,791 | \$4,100,992 |

QUESTIONS & CLARIFICATIONS

Open discussion and feedback

20 Minutes Discussion



Please feel free to use the Zoom chat feature to provide your valuable comments, feedback or to raise your issues while we discuss!



Facilitator: Mr. Nitish Narayan



EUROPEAN UNION



SPREP
Secretariat of the Pacific Regional
Environment Programme



PacWastePlus
PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022

CLOSING REMARKS

Meeting Chairperson,
EU and Mr Bradley Nolan





EUROPEAN UNION



SPREP
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Environment Programme



PacWastePlus
PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
Steering Committee Meeting
May 12 2022

CLOSING PRAYER

Mr. Setoa Apo
Principal Waste Management
Officer
MNRE





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PacWastePlus
PACIFIC WASTE MANAGEMENT

PacWastePlus Virtual
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May 12 2022

**THANK YOU FOR YOUR
PARTICIPATION AND
MEANINGFUL
CONTRIBUTIONS**



MEETING

