



SPREP
Secretariat of the Pacific Regional
Environment Programme



PROJECT SNAPSHOT SAMOA

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.**

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E-WASTE PROJECT

Improving Management of E-waste: Collection, safe dismantling, export, and recycling of End-Of-Life electronic products

Samoa is utilising allocated PacWastePlus investment to design and implement an e-waste Take-Back system in order to reduce pollution and its resulting environmental and health impacts. To address the management of E-Waste, Samoa choose to introduce a sustainable financing legislation, design and implement an e-waste take back system, facilitate training on safe e-waste handling and dismantling, construct an e-waste dismantling and storage facility.

The Samoa E-waste project will provide collection, safe dismantling, export, and recycling of End-Of-Life electronic products:



Electronic Items collection

Take Back System



E-waste dismantling



Export to recycling markets

Samoa seeks to utilise the PacWastePlus investment for the following activities:



LEGISLATION

Developing and/or reviewing legislation and institutional framework for e-waste management



TRAINING

Facilitating e-waste dismantling training



MANAGEMENT SYSTEM

Designing and implementing an E-Waste Take Back system



FACILITY

Constructing an e-waste storage facility



COMMUNICATIONS

Implementation of project education and awareness actions to identified stakeholders

PROJECT JUSTIFICATION



Samoa government is committed to addressing waste management as clearly highlighted under priority area 4 of the **Strategy for the Development of Samoa (SDS 2016/17 – 2019/20)** which recognised the significant impact pollution on human health and the environment



The PacWastePlus project in Samoa will achieve sustained proper e-waste management and fulfill identified activities of relevant national legislation and policies in Samoa

The first project output is the enactment of an e-waste regulation which will be drafted in pursuant to the Waste Levy Act 2010



Samoa's **National Waste Management Strategy 2019-2023** identified e-waste under the eight priority actions needed to improve chemical and hazardous wastes management



The **National Environment Sector Plan 2017 – 2021** for Samoa sets out four long term environmental outcomes that would protect and conserve Samoa's environment which includes the improvement of chemical and hazardous waste management



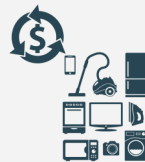
Samoa is a party to the Stockholm Convention and is obligated to reduce or eliminate releases from unintentionally produced Persistent Organic Pollutants



No specific legislation for e-waste. The availability of national regulations together with international treaties will ensure environmental sound management (ESM) of e-wastes



Regulation will support and assist operators and private sectors dealing with e-wastes given that Samoa has no recovery facilities and insufficient human resources for such wastes



Creation of a sustainable financing mechanism to ensure the ongoing collection, processing and sale of e-waste components



Initiative promotes Extended Producer Responsibility concept and individual responsibilities in managing these goods/products when they become wastes



In 2013, the SAICM (Strategic Approach to Integrated Chemical Management) Project recommended building local capacity for e-waste management through delivering dismantling training to relevant public and private stakeholders.



PacWastePlus project will facilitate Train the Trainer training on safe e-waste handling and dismantling with an objective to have trained staff to facilitate ongoing quarterly training for local waste workers

CURRENT STATUS / MANAGEMENT OF PRIORITY WASTE

Current Situation:

Data collection and Education and Awareness



E-wastes are generally disposed together with other general household wastes

Public awareness campaign and capacity building on e-waste limited



(Data collection on dismantling operation, including waste levy collection and export/formal education and awareness programme through implementation of National Education and Awareness plan)

Policy & Regulation



Existing legislation for waste governance performing at a MEDIUM-to-HIGH to HIGH LEVEL, with the greatest needs arising in respect of support for implementation, compliance, and enforcement of laws



Current legislative environment for managing waste:



No regulation to guide the management of E-wastes



On-Ground Activity



Bulky Waste collection in addition to the normal garbage collection service provided but there are no specific collection for e-waste



There is limited space/infrastructure to allow for the safe dismantling and storage of e-waste



In the absence of an e-waste collection service, e-waste are either landfilled or dumped illegally or burnt



Human Capacity

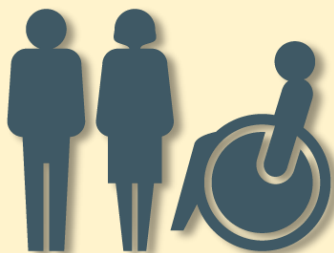


The SAICM project identified the need to build country capacity on safe handling and dismantling of e-waste

Capacity – CHANGING ability to Process/Treat and Disposal/Control e-waste. STRONG ability to manage in the areas of Knowledge and Collection



GENDER EQUALITY, SOCIAL AND DISABILITY INCLUSION (GESDI) CONSIDERATIONS FOR WASTE MANAGEMENT IN SAMOA



Equality in today's society requires sound waste management.

All people have the right to access waste infrastructure, participate in decision making and able to voice grievances, access information and awareness messages, and be protected from harmful effects of waste – on health, environment, culture and traditions.



Opportunities for Samoa to provide for equality during the management of recyclables



Continue development of effective legislation to provide coordinated and equitable approach for waste management.



Include considerations regarding equality and inclusion in waste-related legislation and regulation



Consider additional bans and phaseouts of certain types of problematic or hazardous products



Provide for effective implementation, monitoring, and enforcement of waste-related legislation to protect vulnerable members of society



Mobilise additional resources for waste management including through an Advance Recovery Fee system



Enhance the availability and accessibility of information



Include additional Government departments, in particular labour, culture, women, and equality-related authorities and/or bodies, in waste-related decision making to identify and address potential inequalities



Provide waste management facilities for rural and outer island communities



Enhance efforts to protect waste workers

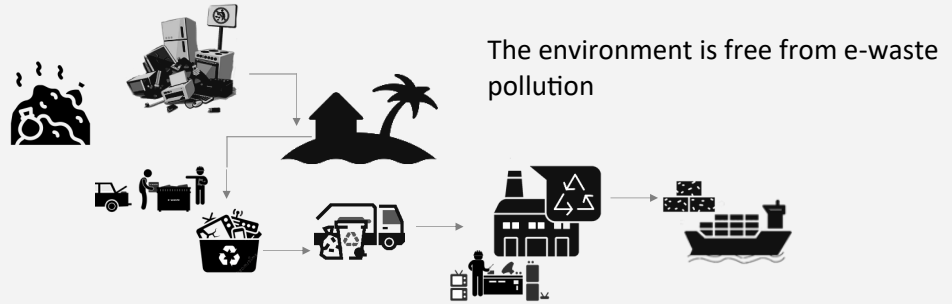


Utilise traditional knowledge and customs to enhance participation, environmental protection and stewardship

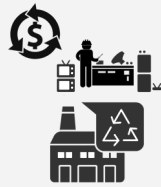
MAPPING PROJECT SUCCESS



LONG TERM OUTCOME



MEDIUM TERM OUTCOMES



Sustainable Financing system is in operation and is funding the collection and operation of the E-Waste Take Back Programme



Pollution caused by inappropriate e-waste management is eliminated as 65% of e-waste is recovered for dismantling and recycling



65% e-waste components are either repurposed in-country or exported for reuse/ recycling or appropriate disposal with an engaged partnership between government and the private sector



E-waste processing industry provides equal opportunity employment



Households and communities in Samoa effectively participating in the E-Waste Take Back system



SHORT TERM OUTCOMES



Establishment of a regulation that enables the collection, dismantling, and recycling of e-waste



Have an informed and engaged community with an increased understanding of the importance of waste management, and knowledge of how to appropriately manage end-of-life electronics



Establish infrastructure support and an active, engaged partnership between government and the private sector for the management of e-waste



Have an informed workforce on safe handling and dismantling of e-waste



OUTPUTS



E-waste Regulation and Policy established for the long-term operation and management of the Advance Disposal Fee



Construction, and operation of e-waste dismantling facility



Design and Implementation of an e-waste take-back system

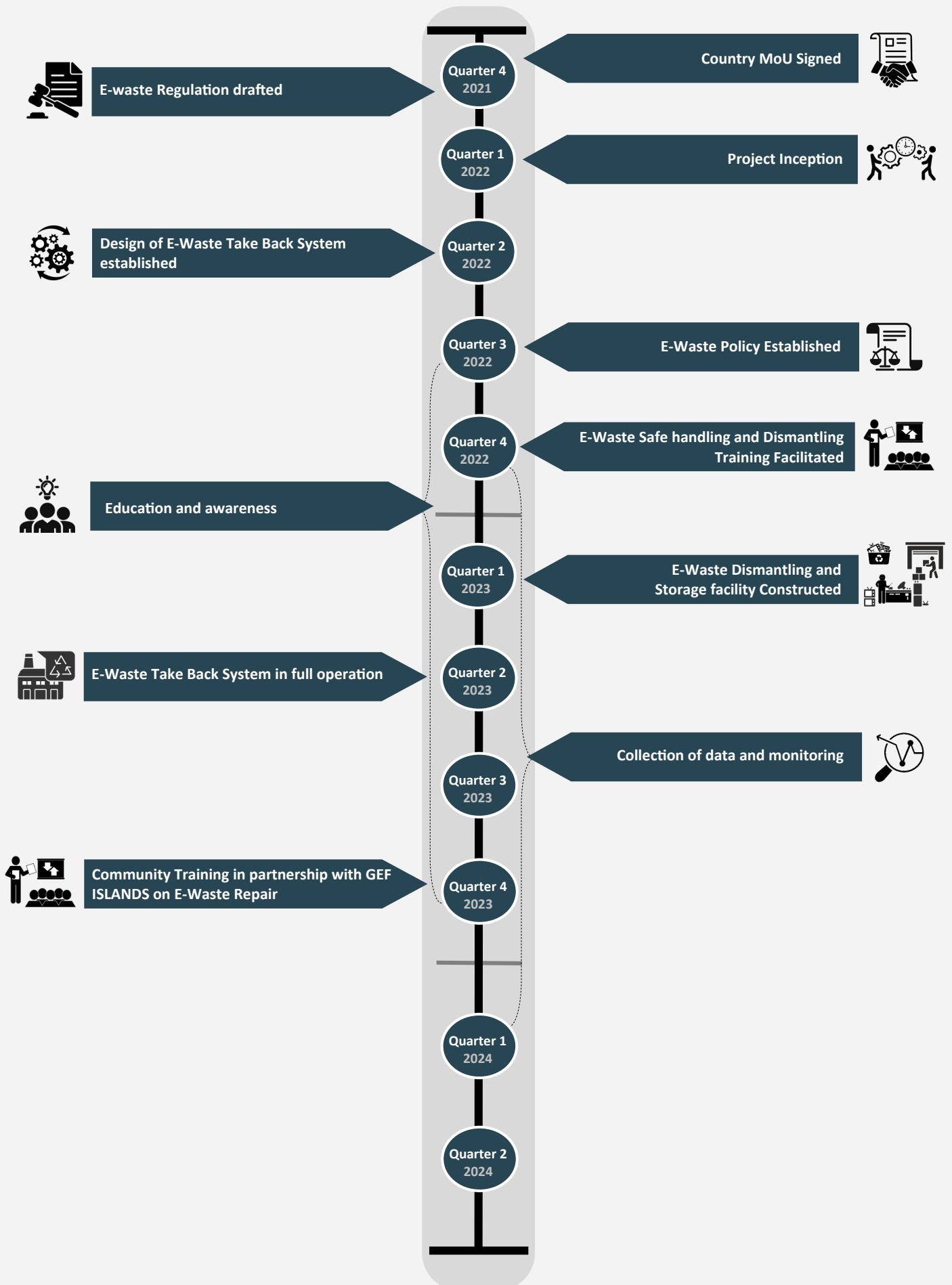


Implementation of effective national education and awareness program



Training of waste workers on safe handling and dismantling of e-waste

ACTIVITIES AND TIMELINE



PACWASTEPLUS REGIONAL PROJECTS / ACTIVITIES AND WHAT SAMOA CAN EXPECT



Health Care Waste Management

Samoa will receive:

- Healthcare waste training [storage, treatment, and disposal solutions for healthcare waste]
- Assessment of the impact of the PacWaste Project healthcare waste activities
- Repair selected healthcare waste Incinerators in the region
- Work with development partners to implement a long-term plan for the sustainability of health care waste infrastructure
- Ongoing Technical Assistance



Asbestos Management

Samoa will receive:

- A guidance and drafting note to assist with legislative reform to ban the importation of asbestos
- Template Code of Practice to guide the safe handling and management of asbestos
- Communication resources and materials to provide information on safe handling and management of asbestos
- Learnings from other country projects focused on asbestos
- Ongoing Technical Assistance



Organics Management

Samoa will receive:

- Document providing technical analysis of how to compost common organic materials received in the Pacific
- Template Minimum Standard document to guide effective and safe composting
- Resources to guide organic facility design and operation
- Training on organic facility design and operation
- Ongoing Technical Assistance
- Learnings from country projects focused on organics management



ARFD / Sustainable Financing

Samoa will receive:

- Communication resources and materials to provide information to stakeholders on the benefits of ARFD systems
- Resources and training to assist during ARFD system design and guide decisions support
- Learnings from other country feasibility studies and projects focused on ARFD
- Ongoing Technical Assistance



Disaster Waste Management

Samoa will receive:

- Terms of Reference for the establishment of an Environment Sector Working Group (Cluster) within National Disaster Management Framework to ensure effective implementation of disaster Waste Management Response and Recovery
- Drafting/Guiding Notes on National and Community Disaster Waste Management Plans
- Disaster Waste Training Manual for use at both the National and Community level
- Learnings from country projects focused on disaster waste management
- Ongoing Technical Assistance



Regional Course Development

Samoa will receive:

- Development of a sustainable capacity building program for waste management in based on country needs
- Training through the adopted training courses, both vocational and tertiary



Schools Curriculum Development

Samoa will receive:

- School curriculum on waste management education (eight programme waste streams) incorporated in to existing school core subjects such as Maths, English and Science
- Primary school education-problem based curriculum
- Secondary school education-culturally responsive
- Tertiary school education-culturally responsive
- Training and capacity building opportunities for teachers



Bulky Waste Management

Samoa will receive:

- Guiding document and a Decision Support Tool to guide on how to design and implement a national ELV management programme.
- Drafting/Guiding Notes on how to draft national legislation for the management of End-of-Life vehicles
- Safe Dismantling Training Manual
- Publications and awareness materials



Behaviour Change

Samoa will receive:

- Learnings of the community-based social marketing Pilot projects and replication of successfully implemented projects
- Ongoing Technical Assistance

ABOUT THE PACWASTEPLUS PROGRAMME

The Pacific – European Union (EU) Waste Management Programme, PacWastePlus, is a 72-month programme funded by the EU and implemented by the Secretariat of the Pacific Regional Environment Programme (SPREP) to improve regional management of waste and pollution sustainably and cost-effectively.

About PacWastePlus

The impact of waste and pollution is taking its toll on the health of communities, degrading natural ecosystems, threatening food security, impeding resilience to climate change, and adversely impacting social and economic development of countries in the region. The PacWastePlus programme will generate improved economic, social, health, and environmental benefits by enhancing existing activities and building capacity and sustainability into waste management practices for all participating countries.

Countries participating in the PacWastePlus programme are: *Cook Islands, Democratic Republic of Timor-Leste, Federated States of Micronesia, Fiji, Kiribati, Nauru, Niue, Palau, Papua New Guinea, Republic of Marshall Islands, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu.*

KEY OBJECTIVES

Outcomes & Key Result Areas

The overall objective of PacWastePlus is “to generate improved economic, social, health and environmental benefits arising from stronger regional economic integration and the sustainable management of natural resources and the environment”.

The specific objective is “to ensure the safe and sustainable management of waste with due regard for the conservation of biodiversity, health and wellbeing of Pacific Island communities and climate change mitigation and adaptation requirements”.

Key Result Areas

- **Improved data collection, information sharing, and education awareness**
- **Policy & Regulation** - Policies and regulatory frameworks developed and implemented.
- **Best Practices** - Enhanced private sector engagement and infrastructure development implemented
- **Human Capacity** - Enhanced human capacity



Learn more about the Samoa Project by visiting

<https://pacwasteplus.org/country-project/samoa/>

For more information please contact:



The PacWastePlus team on pwp@sprep.org



Or visit - <https://www.pacwasteplus.org>

Disclaimer

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**Countries mentioned in this publication are as at November 2021*

(post project please email sprep@sprep.org)