



This initiative is supported by PacWastePlus-a 85-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.

# Niue

## E-WASTE & RECYCLABLES PROJECT

Sustainable Management of Waste in Niue

(Advance Recovery Deposit and Fee and E-waste Management)



## Niue Project Summary

### THE ISSUE

Items are imported into Niue but there are limited viable options for their end-of-life management.

Most items imported are disposed of at landfills or stockpiled on vacant land. End-of-life electronic items are building up in unmanaged stockpiles – causing environmental pollution and health risks.

### THE SOLUTION

Niue focused their PacWastePlus investment to support the implementation of:

- An effective Sustainable Financing system for recoverable and recyclable items,
- Establish an e-waste collection and processing facility

### PROJECT OBJECTIVES

1. Legislative environment for the long-term operation of Sustainable Financing system
2. E-waste dismantling system in operation
3. Communities effectively contribute to effective management of recyclable, bulky, and electronic items

### Data & Education

- Waste Audit
- Regional Data Collection Monitoring and Reporting Framework
- Data Collection for Sustainable Financing
- Waste Profiling
- Education and Awareness Support
- Waste Management Decision Tool
- Research Documents approved by the Research Advisory Group
- Organics management guidance documents

### Legislative Environment

- Legislative & Regulatory Stocktake and National Option Paper
- Asbestos management guidance documents
- Pacific Standards on Organic management
- Legislative Support for Sustainable Financing
- Feasibility Study for Sustainable Financing
- National Integrated Solid and Hazardous Waste Strategy

### On-Ground Activities

- Legislative Assistance
- E-waste collection equipment and signage
- E-waste legacy waste removal
- Recycle equipment assessment and training
- Economic Modelling
- Signage and collateral
- Asbestos abatement and training
- Education and awareness - TV, social media, and radio

### Capacity Building

- Capacity Needs Analysis
- Sustainable Financing study tour to Australia
- Build Capacity of Government Staff and Stakeholders: Asbestos Management, Education and Awareness Training, Healthcare Waste Management, Hazardous Materials Management, Schools Education Curriculum, Waste Auditing



Confirmed the Department of Environments approach to waste management by developing and implementing the national strategy for waste management, and strengthened the capacity of staff to proactively manage individual waste types.

The development of a new legislative framework including waste legislation, sustainable financing regulation, and operating procedures, coupled with the provision of small- and large-scale equipment, and training, built the capacity of government staff to collect, process, and value add to waste commodities.

The consolidation of waste commodities has facilitated access to global recycling markets and reduced reliance on landfilling.

*We ultimately want all items imported into Niue to be able to be collected and processed safely, and exported to recycling markets. The PacWaste Plus support has assisted us to progress this goal - through establishing facilities and equipment, undertaking legacy waste clean-up, and progressing our waste strategy, legislation.*

*Haden Talagi, Director of Environment*

4 new/drafted legal instruments / strategy :

- Waste Strategy
- Solid and Hazardous Waste Bill
- Advanced Recovery Fee and Deposit Regulation



2 waste collection facilities established or enhanced

- Niue Recycling Facility
- E-waste Centre

approximately 30m<sup>3</sup>/20 tonnes of legacy e-waste processed and packaged export during the hands-on e-waste training



1,733m<sup>2</sup> legacy asbestos removed from Niue



10 training courses delivered increasing capacity of Niue to safely manage

asbestos, e-waste, healthcare waste, hazardous waste and hazmat, schools curriculum, education and awareness, and waste auditing



## About PACWastePlus

The Pacific – European Union (EU) Waste Management Programme, PacWastePlus, is a 85-month programme funded by the EU and implemented by SPREP to sustainably and cost-effectively improve regional management of waste and pollution.