



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.

Papua New Guinea

HAZARDOUS WASTE

Environmentally Sound Management of Hazardous Waste (Asbestos, E-Waste and Healthcare Waste)



Papua New Guinea Project Summary

THE ISSUE

Hazardous waste management remains a challenge in Papua New Guinea, where exposure to toxic substances and chemicals have adverse impacts on public health and the environment. Increased exposure to hazardous waste is known to cause disease and create serious health problems. For many communities in PNG water resources are contaminated by pollutants due to poorly managed waste handling and disposal. PNG identified the need to improve management of asbestos materials, e-waste and healthcare waste.

THE SOLUTION

Develop a holistic approach to hazardous waste management through the drafting of national strategies and regulations, and build capacity and community awareness, to help PNG achieve effective management of hazardous materials, engage with their community, and protect the environment.

PROJECT OBJECTIVES

1. Develop Strategies and guidelines for the management of asbestos, e-waste, and healthcare waste
2. Enhance the capacity of government and private industry to better handle, manage and dispose of hazardous waste
3. Adopt appropriate regulations, policies, and procedures to eliminate the importation of asbestos containing materials, and to provide for the proper handling of asbestos containing materials

Data & Education

- Waste Audit
- Regional Data Collection Monitoring and Reporting Framework
- Data Collection for Organic Materials
- 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
- Pacific Standards on Organic Management
- National Asbestos Management Code of Practice
- National Asbestos Importation Ban
- National E-Waste Management Strategy and Guidelines
- National Healthcare Waste Management Strategy & Guidelines.
- Advanced Recovery Fee and Deposit Feasibility Study

On-Ground Activities

- Industry consultation on National e-Waste Strategy and Guidelines
- Industry consultation on National Healthcare Waste Policy and training
- Industry consultation on Asbestos Management Code of Practice
- Government consultation on development and drafting of asbestos importation ban
- Implementation of national healthcare waste train-the-trainer programme

Capacity Building

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



The creation of systemic management of hazardous materials occurred through the development and implementation of national strategies, legislative strengthening and operational activities (Code of Practice).

The Project intervention created an enabling environment for the management of asbestos containing materials through the implementation and development of a minimum standard of operation management by the asbestos management code of practice. The transformation of the construction and demolition industry to proactively and effectively identify and appropriately manage asbestos containing materials, thereby protecting workers and the public from the potential risk of exposure was a key outcome.

The project contemporised Healthcare Waste Management through the revisions, adoption, and implementation of a national healthcare waste management strategy, development and delivery of industry vocational training to public health authorities throughout the country, the standardisation of this training for all existing and future employees of Ministry of Health and their health care facilities, and the development and implementation of facility based healthcare management plans and their implementation

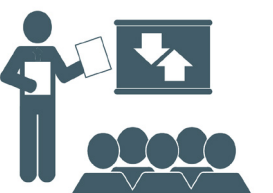
The project created the enabling environment for the emerging E-waste processing industry and it's management of E-Waste through the adoption of a National E-Waste Management Strategy and associated implementation guidelines.

We are being approached by businesses seeking to establish e-waste processing systems, and need to ensure we understand what they want to do, how we can protect the people and environment of Papua new Guinea, and how we can manage and ensure compliance with our laws.

CEPA Manager, Mr. Veari Kula

128 staff from 13

Provincial Health Authorities participated in train-the-trainer courses on healthcare waste management



1 National Healthcare waste Management Strategy with associated Guidance

1

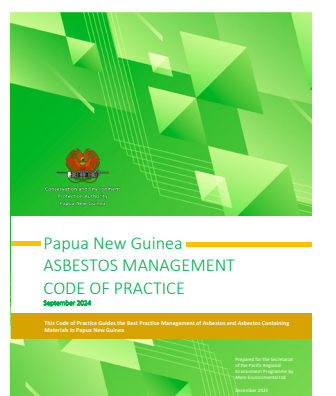
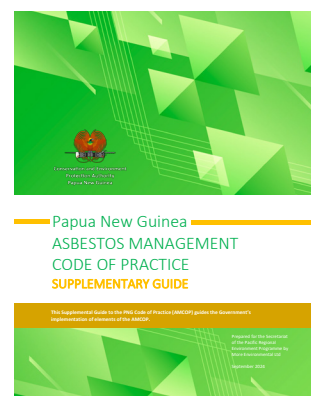
asbestos Importation ban for cabinet consideration

1

Asbestos Management Code of Practice and Supplemental Guidance for cabinet consideration

1

National E-waste Management Strategy with associated Guidance'



16 %

(approximately 1.7 million people) of PNG reached each day via radio messages on hazardous waste management

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.