

PAC WASTE PLUS

KEY INFORMATION

SECTOR Waste Management – Pacific Regional Programme

LEAD PARTNER Secretariat of the Pacific Regional Environment Programme

DURATION July 2018 – June 2024

PROJECT LOCATION Pacific countries and Timor Leste

TOTAL BUDGET EU 16,500,000.00 EUR

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DATE 26 September 2023

Background

The detrimental effect of poorly managed waste and pollution on sustainable development in the 15 Pacific ACP (PACP) countries is taking its toll on the health of Pacific communities, degrading natural ecosystems, threatening food security, impeding resilience to climate change and adversely impacting on social and economic development.

PacWastePlus seeks to generate improved economic, social, health and environmental benefits by transitioning their practices from poor to good waste and pollution management. Sound decision making based on national policies and regulatory frameworks and accurate information, enhanced private sector engagement, improved human capacity and education and awareness will be delivered by PacWastePlus and drive this transformation.

Timor-Leste's five provincial hospitals have healthcare waste incinerators on-site, but none are currently functioning. Waste segregation in hospitals is attempted, but not effectively managed, leading to large volumes of contaminated materials being inappropriately disposed at council landfills, risking exposure to healthcare workers and waste pickers.



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Project Details

PacWastePlus seeks to work collaboratively with the Timor-Leste Ministry of Health to ensure waste treatment technologies are effectively operating, management systems are established, implemented, and standardized across hospitals, and the workforce is appropriately trained and resourced to effectively manage wastes generated from hospital facilities.

The project will:

- Develop a National Healthcare Waste Strategy that establishes the required management and treatment of wastes generated by healthcare facilities.
- Develop a Hospital based Healthcare waste management draft plan for:
 - Baucau Referral Hospital (Baucau)
 - Guido Valadares National Hospital (Dili)
 - Maliana Referral Hospital (Maliana)
 - Maubisse Referral Hospital (Maubisse)
 - Suai Referral Hospital (Suai)
- Complete an options assessment to provide information to the Ministry of Health about waste treatment.
- Technology alternatives to high temperature incineration.
- Remediate areas of Baucau's hospital grounds impacted by the past burning of healthcare waste.
- Construct health care waste facilities for anatomical wastes and sharps at Baucau Hospital (constructed pits for onsite management).
- Develop and deliver healthcare waste management training to Ministry of Health staff so they can deliver workplace training to all hospital staff as needed.
- Review and provide guidance to the standard Timor-Leste government waste collection and disposal contracts to ensure collection and transport of medical waste is conducted safely and with all precautions to eliminate risk of disease transmission.

CONTACT DETAILS

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Expected results

Medium Term Outcomes

Soil, water, and air pollution from inappropriately managed healthcare waste is eliminated at all hospitals and clinics as healthcare waste is managed and disposed to industry best practice.

Exposure risk for healthcare and waste industry workers is eliminated as healthcare waste is managed and disposed to industry best practice.

Hospitals in Timor-Leste have effective budget and funding to manage healthcare waste due to National Healthcare Waste Policy and individual hospital-based Healthcare Waste Management Plans adopted and running effectively.

Climate Change emissions from low temperature incineration of health care wastes is reduced due to proper, efficient incinerator usage.

Short Term Outcomes

An appropriate national health care waste management framework is implemented through the development of a National Healthcare Waste Policy and individual hospital-based Healthcare waste management plans to manage Healthcare waste.

Contaminated burn fields at Baucau Hospital remediated, removing land and water pollution.

A healthcare workforce effectively executing hospitals Healthcare Waste Management Plans and safely handling, controlling and disposing of healthcare waste.

PROJECTS PARTNER'S LOGOS



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



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