



PacPlan Resilience Project 2022-25



REGIONAL WORKSHOP: A CIRCULAR APPROACH TO WASTE MANAGEMENT IN THE PACIFIC: CREATING RESOURCES FROM WASTE AND POLLUTION

Port Vila, Vanuatu, 30 September - 4 October 2024

CONCEPT NOTE

I. CONTEXT

The Circular Approach regarding Waste Management is a model of production and consumption, which involves sharing, leasing, reusing, repairing, refurbishing and recycling existing materials and products as long as possible. In this way, the life cycle of products is extended.

In practice, it implies reducing waste to a minimum. When a product reaches the end of its life, its materials are kept within the economy wherever possible thanks to recycling. These can be productively used again and again, thereby creating further value.

This is a departure from the traditional, linear economic model of production, consumption, and disposal, which is based on a take-make-consume-throw away pattern. This model relies on large quantities of cheap, easily accessible materials and energy.

Unlike the traditional economic model, the circularity model within waste management enables:

- Protect the environment by reducing the use of natural resources, greenhouse gas emissions, landscape and habitat disruption, energy consumption, and waste generation;
- Reduce raw material dependence, and mitigates the risks associated with supply of raw materials, such as price volatility, availability and import dependency; and
- Create local jobs and stimulate economic growth.

There are opportunities available for PICTs to incorporate a Circular Approach to Waste Management decision making and legislation e.g., importation bans, importation quality restrictions/controls, sustainable finance “deposit/return” schemes, organic/composting programmes, local repair, re-manufacture, or recycling collection and processing infrastructure, etc.

The Pacific Regional Environment Programme (SPREP) assists member countries and territories in implementing activities to promote a regional Circular Economy System, through various projects and programmes. To discuss how PICTs can incorporate Circularity into Waste Management and share experiences and lessons learned based on existing or pipeline activities from the Pacific Region, SPREP, through the ‘Committing to Sustainable Waste Actions in the Pacific’ (SWAP - AFD) Project, PacWastePlus Programme (EU), PacPlan (Australia), ISLANDS (GEF) and J-PRISM III (JICA) Projects will deliver a five-day workshop to promote the Circular Approach to Waste Management across the region.

This regional workshop organised in collaboration with the Vanuatu Department of Environmental Protection and Conservation, with the support of the ‘Fonds Pacifique Grant’, will be held in Vanuatu from 30 September to 4 October 2024 and will be structured into 7 sessions:

- Session #1: Regulation and policy for hazardous waste including used oil;
- Session #2: Side visit to Bouffa landfill;
- Session #3: Waste to energy;
- Session #4: Emergency response to oil or chemical spillage;
- Session #5: Disaster Waste and Circular Economy;
- Session #6: Organic activities in the Pacific;
- Session #7: Sustainable financing for waste management.

II. Objectives

The expected objectives of this workshop are as follows:

- To become familiar with the concept of Circular Economy;
- To discuss what the Circular Approach to Waste Management means for the Pacific Region;
- To learn more about the different aspects of Circular Economy Activities (Policy/regulation, Sustainable Financing, etc.);
- To be informed about existing and upcoming Circular Economy Activities within the region;
- To share experience of activities and projects implemented across the Pacific region; and
- To strengthen the networking across the Waste Management actors and practitioners.

III. Audience

Waste Management actors and practitioners (governments, recycling associations, business, NGOs, etc.) from all Pacific countries and territories. The experiences and specificities of French territories will also be highlighted with representatives from New Caledonia, French Polynesia and Wallis & Futuna.



IV. Agenda

	Day 1 30 September 2024	Day 2 1 October 2024	Day 3 2 October 2024	Day 4 3 October 2024	Day 5 4 October 2024
Morning	<p>Opening Session with (TBC) SPREP Director General, Acting Minister or Acting DG of the MCCAMGEEDM, French and Japanese Ambassadors in Vanuatu, and French Development Agency.</p> <p>Opening session: Overview of Circular Economy (led by Anthony or Susana (TBC)):</p> <ul style="list-style-type: none"> - Circular Approach to Waste Management: What does this mean for the Pacific Region - Updates from the CPRT - How circularity can be achieved in the various waste streams, within the Pacific Region - Overview of the Workshop <p>Session #1a: Circular Approach to Hazardous Waste Management – Setting the scene (Session led by SWAP and ISLANDS (TBC))</p> <ul style="list-style-type: none"> - Sources of hazardous waste/used oil; - Updated data from the region; - Why a proper management system of hazardous waste may be a priority for the Pacific countries; - How circularity can be incorporated into the management of hazardous waste including used oil. <p>Session #1b: Regulation and policy for hazardous waste including waste oil management – Regulation and policy (John O’Grady and Joshua Sam)</p> <ul style="list-style-type: none"> - Hazardous Waste / Used oil Management Plans; - Best Practices; - Waigani and Basel Conventions; - Experience sharing from New Caledonia (TRECDEC or South Province – TBC) 	<p>Session #3: Waste to Energy (Session led by PAWES)</p> <ul style="list-style-type: none"> - Waste to energy options; - Waste to energy projects within the region: experience from Vanuatu; - Presentation of the pyrolysis technology from an academic point of view; - Presentation of the community-based Pilot Project in the Solomon Islands (NuFuels). - Presentation of a business-scale pyrolysis technology by a supplier (BESTON – TBC). 	<p>Session #4: Emergency response to oil or chemical spillage (Session led by PacPlan)</p> <ul style="list-style-type: none"> - Experience sharing from Ocean Environment Logistics regarding the Solomon Islands oil spillage; - Spillage Management Plan: cleaning / temporary storage / final disposal - Oil management / Oily waste management - Insurance - Experience sharing from FSM 	<p>Session #5b: Disaster Waste and Circular Economy (Session led by PacWaste Plus and JPRISM III)</p> <ul style="list-style-type: none"> - Approach to mainstreaming Waste Management into National Disaster Management Framework: - National Disaster Waste Management Plan - Environment Sector Working Group - Waste Assessment Methodology within PDNA process. - Introduction to how Disaster Waste can be incorporated in the circular economy approach (construction waste, wood, etc.). 	<p>Session #7: Sustainable Financing for waste management (Session led by PacWaste Plus)</p> <ul style="list-style-type: none"> - Introduction to how sustainable finance schemes support the circular approach - Presentation of various existing or ongoing sustainable financing projects in the Pacific: progress / lessons learned / results - Experience sharing: - New Caledonia - used oil management (TRECDEC or South Province – TBC) - Niue - financial modelling - Vanuatu - PSS design - Practical activity – using the 21 step pathway resources to draft content for PSS Legislation and Regulation - Q & A - Close <p>Closing session</p>
Afternoon	<p>Session #2: Side visit to Bouffa Landfill</p>	<p>Session #3: Waste to Energy – Side visits 1) to the market and see the biomethane technology 2) to the Used Oil Management Facility</p>	<p>Session #5a: Mainstreaming Waste Management into NDMO Framework (Session led by PacWaste Plus and JPRISM III):</p> <ul style="list-style-type: none"> - Overview of the FRDP 	<p>Session #6: Organic activities (Session led by PacWastePlus)</p> <ul style="list-style-type: none"> - Vi Bio Organics Vanuatu – Michel Raikatalau to host (TBC) 	

			<ul style="list-style-type: none"> - Prolonged environmental Risk of Disaster from the Waste Sector with focus on: <ol style="list-style-type: none"> 1. Man Made Disaster 2. Natural Disaster - Impact of Disasters on Local Waste Facilities/Infrastructure 	<ul style="list-style-type: none"> - Introduction to how composting fits into the circular economy; - Presentation of existing or ongoing composting projects in the region - progress / lessons learned / results - Practical activity – using the Decision Support Tool to understand options for organics management <ul style="list-style-type: none"> - Technical session composting expert - Q&A - Close 	
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