

## Introduction

This newsletter is based on updated activities implemented by J-PRISM counterparts in Vanuatu from May to December 2011.

The main activities carried out this year includes; In-country training on Waste characterization, Time and Motion study, pilot scale collection of metal cans for recycling, Pilot scale organic composting for market and household organic wastes, Development of the National Waste Minimization Strategy, Regional training on Landfill Management, Waste Audit and Exchange training for Solomon Island Counterpart.

### In-Country training on Waste Characterization, May

The In-country training on waste characterization was conducted by SPREP Solid Waste Expert, Mr. Faafetai Sagapolutele from May 23 – 27 in Port Vila.

The objective of the training is to allow local counterparts from Port Vila, Luganville and Lenakel to enhance capacity and skills on waste characterization.

During the training, Mr. Sagapolutele informed participants of the importance of waste characterization. He stated that “Waste Characterization is an effective tool for waste auditing. Data’s obtained allows proper planning and future policy development for effective and efficient waste management”.

Participants at the end of the training are now confident on applying their knowledge and skills in future waste characterization studies.



Participants of the waste characterization training sorting household wastes into different categories at Bouffa landfill with trainer, Mr. Sagapolutele.

### Time and Motion Study Training

A time and motion study training was conducted in July for Port Vila Municipal counterparts by the JICA expert, Mr. Kawauchi Komeii.

The time and motion study was conducted in the areas of Malapoa, Fresh Wota, Anaburu, Beverly Hills and Ohlen.

A number of issues were identified during this small scale time and motion study, such as efficiency of time management and collection services.

The full scale time and motion study is expected to be undertaken in 2012.

### Pilot Scale Collection of Metal Cans for Recycling

In July, collection bags were placed at 46 different churches in Port Vila by a private company, Recycle Corp. These bags are used for collection of empty cans, scrap metals and other metal irons. The bags are regularly monitored and emptied by the company.

The metals collected are often packed and then export overseas for recycling purposes.



Mr. Andrew Hipgame, Recycle Corp Manager showing a sample of his collection bag for scrap metal and aluminum cans

### Pilot Scale Organic Composting

A pilot study on Organic composting was conducted in October. Three sample households were selected for experimental results on household organic wastes. Two plastic buckets were placed in these three sample households for compost monitoring for up to six months.

Market organic waste was placed at Dumbea, Port Vila municipal office in a “Trial and Error Method”



Roger Tary beside the 6 day market waste compost at Dumbea.



Plastic Bins used for house-hold organic waste composting

### Development of Draft National Waste Minimization Strategy

A draft National Waste Minimization Strategy is being developed in consultation with stakeholders. In the Strategy, public campaigns, environmental education, 3Rs (reduce, reuse, recycle) such as home composting, market waste composting, recycling of scrap metals, cans, PET bottles etc are being considered.

### Regional Training on Landfill Management

A regional training on landfill management was conducted by the Project Office headed by the Chief Advisor Mr. Shiro Amano from October 10 – 14 in Port Vila.

Regional counterparts from Fiji, Papua New Guinea, Solomon Islands, Samoa and Vanuatu have attended the week of training at Bouffa landfill.

Bouffa was rehabilitated into a semi-aerobic landfill in 2006 through JICA’s technical and financial assistance.



Regional participants from Fiji, Papua New Guinea, Solomon Islands, Samoa and Vanuatu at Bouffa landfill during the landfill management training in Port Vila

### Waste Audit

Port Vila Municipality conducted the house-hold waste characterization from November 1 – 8. Total number of households surveyed was 50. The areas surveyed include; Tagabe, Sokapo, Anaburu, Fresh Wota I, II and III, Tasiriki, Seaside, Nambatu, Nambatri and Ellouk.

Business waste audit is on plan to be undertaken in early 2012.

### Exchange training for Solomon Island Counterpart on Landfill Management

On December 5 – 12, Solomon Island counterpart Mr. Kerry Oge came to Port Vila for Landfill Management training. The training was conducted by Mr. Amos Mathias from Port Vila Municipality at Bouffa landfill.

“I am happy to assist my colleagues and friends from other regional counterparts because this also allows me to build my capacity and exchange my knowledge and views on critical issues covering waste and landfill management” said the Bouffa Landfill Operator Mr. Amos Mathias.



Mr. Amos Mathias from Port Vila Municipality with Solomon Island Counterpart Mr. Kerry Oge during the Landfill management training at Bouffa landfill.