

# Development of Yap State's Container Deposit Recycling Program

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Christina Fillmed  
Yap Environmental Protection Agency  
Colonia, Yap, FSM

# Background

- Late 1990s – early 2000 only aluminum cans were being recycled by a private company in Yap via government subsidy
- Feasibility study of establishing container deposit systems in the FSM was conducted by UNDP in early 2000
- After damage from 2004 Typhoon in Yap, private company halted recycling activities

# Background

- Building on feasibility study recommendations, changes to current program, establishment of container deposit recycling program in Yap began in 2007
- Island Paradise Company, local private company in Yap, began operating the recycling program only recycling aluminum cans at 3c per container

# Changes to Establish Container Deposit Recycling Program in Yap



## Legislation

- amendments to create Recycling Program and account, regulations to lay out fee schedules

## Recycling Operations

- pre-sized bins to average number of containers; refunds issued to customers upon turning in of materials; claims forms for reimbursement to OAS and monthly reports to EPA

## Finance

- Div of Tax & Revenue collects deposits for imports; issuing reimbursements from fund upon signed claims forms; managing and monitoring fund

# Responsible Entities – Yap Recycling Program

## Yap EPA

- promulgated regulations with guidelines, fee schedules
- operation of the program overall, reporting to Legislature

## Office of Administrative Services

- responsible to manage and monitor Recycling Fund;
- Div of Tax & Revenue collecting deposits
- Div of Finance for refunds claims and provides weekly update of account status to EPA

## Island Paradise Company – Recycling Operator

- receive in clean condition 4 container types and categories
- processing materials and shipment off island for recycling dealing directly with off island buyers
- reporting with copies of claims monthly to EPA

# Yap Container Deposit Recycling Program

## Four target containers / categories

- Aluminum Beverage Containers
- PET Plastic Beverage Containers
- PET Cooking Oil Containers
- Glass Beverage Containers (Bottles)

## Other materials collected (not part of Program)

- Scrap metal
- Lead Acid Batteries
- Other aluminum
- E-waste
- Copper

## Potential new categories to add

- Aluminum – canned goods
- Tin – canned goods
- Motor vehicles
- Lead Acid Batteries

# Recycling Figures

	Aluminum Beverage		PET Plastic Beverage		Glass Beverage	
FY	Quantities		Quantities		Quantities	
	Imports	Recycled	Imports	Recycled	Imports	Recycled
<b>2010</b>	2,442,123	2,387,085	490,171	292,797	62,234	26,041
<b>2011</b>	2,333,715	2,783,035	528,869	405,345	41,833	0
<b>2012</b>	1,923,529	2,877,262	699,032	520,182	18,947	0
<b>2013</b>	2,120,332	2,135,245	335,744	369,329	78,157	4,172
<b>2014</b>	1,194,036	1,367,575	192,393	247,761	19,970	26,425

# Yap Container Deposit Recycling Program

## Benefits

- Increased rates to enable fund sustainability and participation of general public
- Refunds to customers directly, regulations able to be amended
- Environmental, health, economic, and social benefits

## Challenges

- Program fund nearly depleted with influx of old aluminum cans
- Adding new containers/categories to the program
- Equipment needs for Recycling Program ie scale and larger press





Kammagar  
Thank You  
Arigato Gozaimasu

# Awareness Activities

- 3Rs awareness activities began with primary and secondary schools
- Printed materials ie stickers, posters, and recycling bins to schools and offices





# TAKING CARE OF OUR TRASH



## WHAT MAKES UP OUR TRASH?



## HOW DO WE DISPOSE OF OUR TRASH PROPERLY?

<p><b>DUMPSITE</b></p> <p>PAPER, PLASTICS, AND CARDBOARD, FOAM, CAR TIRES, AND OTHER GENERAL WASTE</p>	<p><b>RECYCLE</b></p> <p>PET PLASTIC BEVERAGE &amp; COOKING OIL CONTAINERS</p> <p>PET</p> <p>ALUMINUM &amp; GLASS BOTTLE BEVERAGE CONTAINERS</p> <p>ISLAND PARADISE CO. TEL: (691)350-8272</p>	<p><b>STORE AT HOME</b></p> <p>RECYCLE GREEN WASTE FOR COMPOST</p> <p>STORE WASTE OIL SAFELY &amp; DO NOT DUMP ON THE GROUND</p> <p>STORE ELECTRONIC WASTE SAFELY</p>
<p><b>TURN IN</b></p> <p>TO EPA: DRY CELL BATTERIES</p> <p>TO ISLAND PARADISE: LEAD ACID BATTERIES</p>	<p><b>REMEMBER...</b></p> <ul style="list-style-type: none"> <li>✓ USE RECHARGEABLE BATTERIES AS MUCH AS POSSIBLE</li> <li>✓ LIMIT BURNING BECAUSE IT CREATES FUMES HARMFUL TO YOU AND THE AIR</li> <li>✓ BUY STORE ITEMS WITH LESS WRAPPING AND PACKAGING</li> </ul>	

**HELP TAKE CARE OF YAP**

**KAMMAGAR - HOSA HACHIGCHIG - THANK YOU**

FOR MORE INFO: YAP EPA TEL: 350-2113 / 2317  
 ISLAND PARADISE CO. TEL: 350-8272

**jica**

**KAMMAGAR • HOSA HACHIGCHIG • THANK YOU FOR HELPING TAKE CARE OF OUR ISLAND HOME**

FOR MORE INFORMATION, YOU MAY CONTACT:  
 YAP STATE EPA @ TEL. (691) 350-2113 / 2317  
 BOX 178, COLONIA, YAP STATE 96943



# Way forward

Improvement via expansion of  
waste collection service

Additional materials to Recycling  
Program to be finalized and  
implemented

Maintenance and operation of  
improved sanitary landfill

Sustainable financing scheme for  
SWM program overall

Kommol Tata

Kulo Mulalap

Fa'afetai lava

Kammagar

Kinisou Chapur

Thank You

# Sulang

ありがとう

Kalahngan