# Development of Yap State's Container Deposit Recycling Program

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Christina Fillmed Yap Environmental Protection Agency Colonia, Yap, FSM

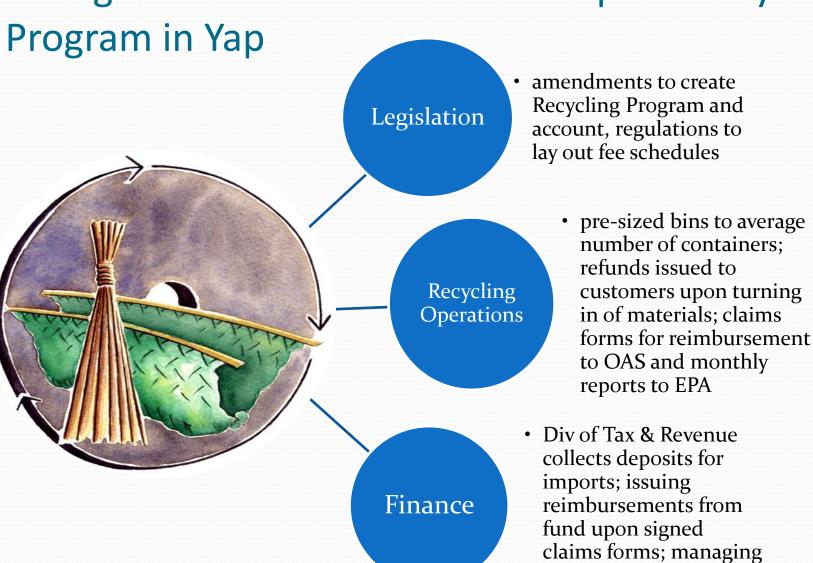
## Background

- 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



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
2010	2,442,123	2,387,085	490,171	292,797	62,234	26,041
2011	2,333,715	2,783,035	528,869	405,345	41,833	0
2012	1,923,529	2,877,262	699,032	520,182	18,947	0
2013	2,120,332	2,135,245	335,744	369,329	78,157	4,172
2014	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 TRASHP



## HOW DO WE DISPOSE OF OUR TRASH PROPERLY?

#### DUMPSITE

PAPER, PLASTICS, AND CARDBOARD, FOAM, CAR TIRES, AND OTHER GENERAL WASTE

#### TURN IN

TO EPA: DRY CELL BATTERIES

TO ISLAND PARADISE: LEAD ACID BATTERIES

KAMMAGAR O HOSA HACHISCHIG OTHANK YOU

#### RECYCLE

PET PLASTIC
BEVERAGE
&
COOKING OIL
CONTAINERS
PET

ALUMINUM & GLASS BOTTLE BEVERAGE CONTAINERS

ISLAND PARADISE CO. TEL: (691)350-8272

#### STORE AT HOME

RECYCLE GREEN WASTE FOR COMPOST

STORE WASTE OIL SAFELY & DO NOT DUMP ON THE GROUND

STORE ELECTRONIC WASTE

#### REMEMBER...

USE RECHARGEABLE BATTERIES
AS MUCH AS POSSIBLE

LIMIT BURNING BECAUSE IT CREATES FUMES HARMFUL TO YOU AND THE AIR

BUY STORE ITEMS WITH LESS WRAPPING AND PACKAGING

#### 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 17B. 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

Kulo Mulalap

Fa'afetai lava

Kammagar

Kinisou Chapur

Thank You

Sulang

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Kalahngan