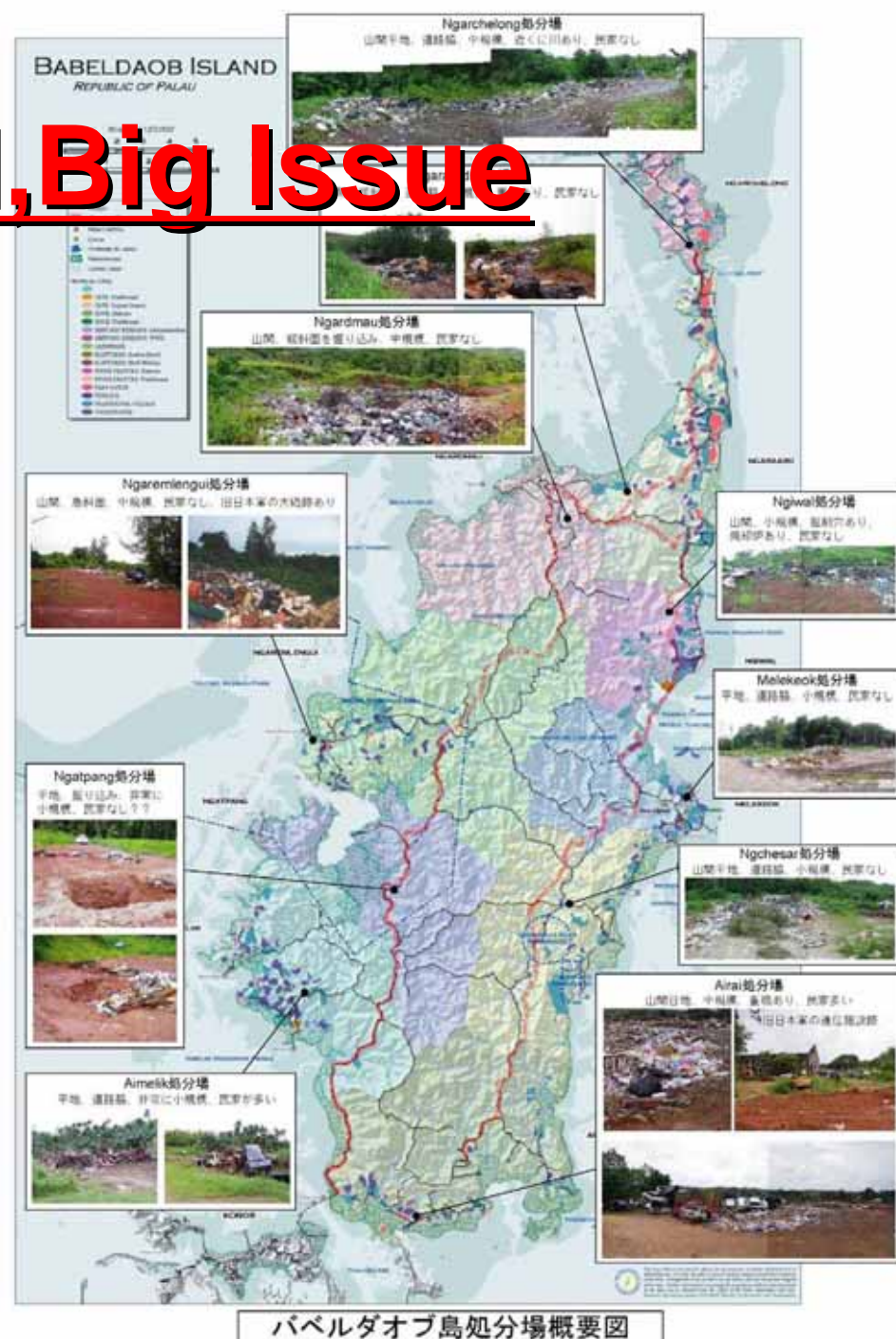


# Solid Waste Management in Republic of Palau



# Small Island, Big Issue

- 12 existing dumpsites
- National dumpsite is located in Koror State, Palau
- *Known as M-Dock dumpsite*
- *In operation for about 50 years*
- *Land is leased from Koror State Government*
- *Land area: 13 acres*
- *Founded on a reef flat*
- *Volume of Waste: 300,000 cubic yards (1998)*



January, 2007

# M-dock Landfill (Fukuoka Method)

June, 2007



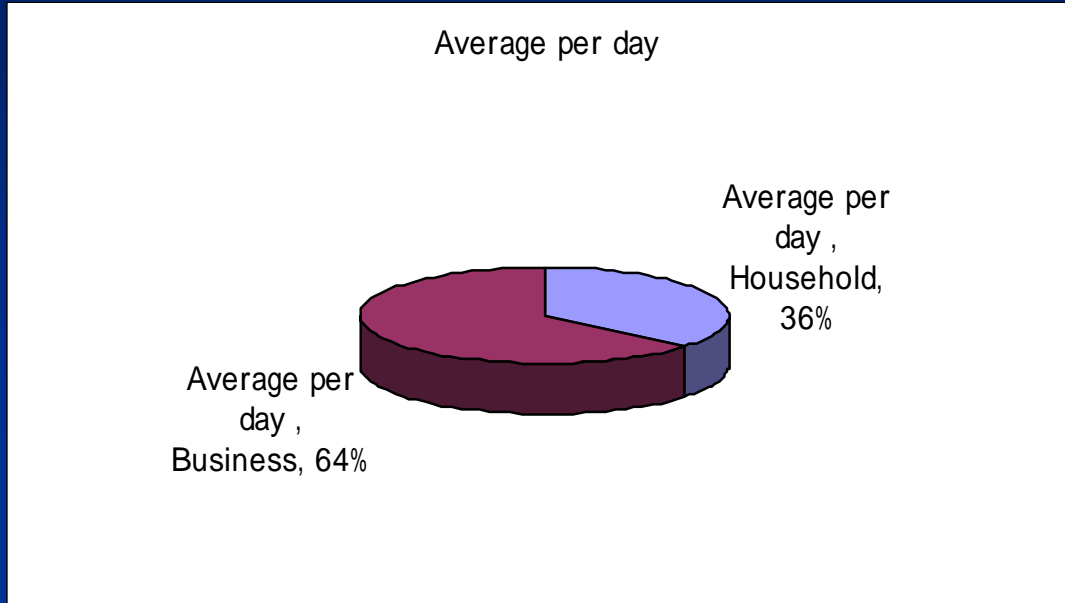
May, 2008



Koror State Recycling Center



# Record of waste quantity survey



	Household	Business	Total
Weight in one week	60,720	106,000	166,720
Average per day	8,670	15,140	23,810

# Waste Generation Rate

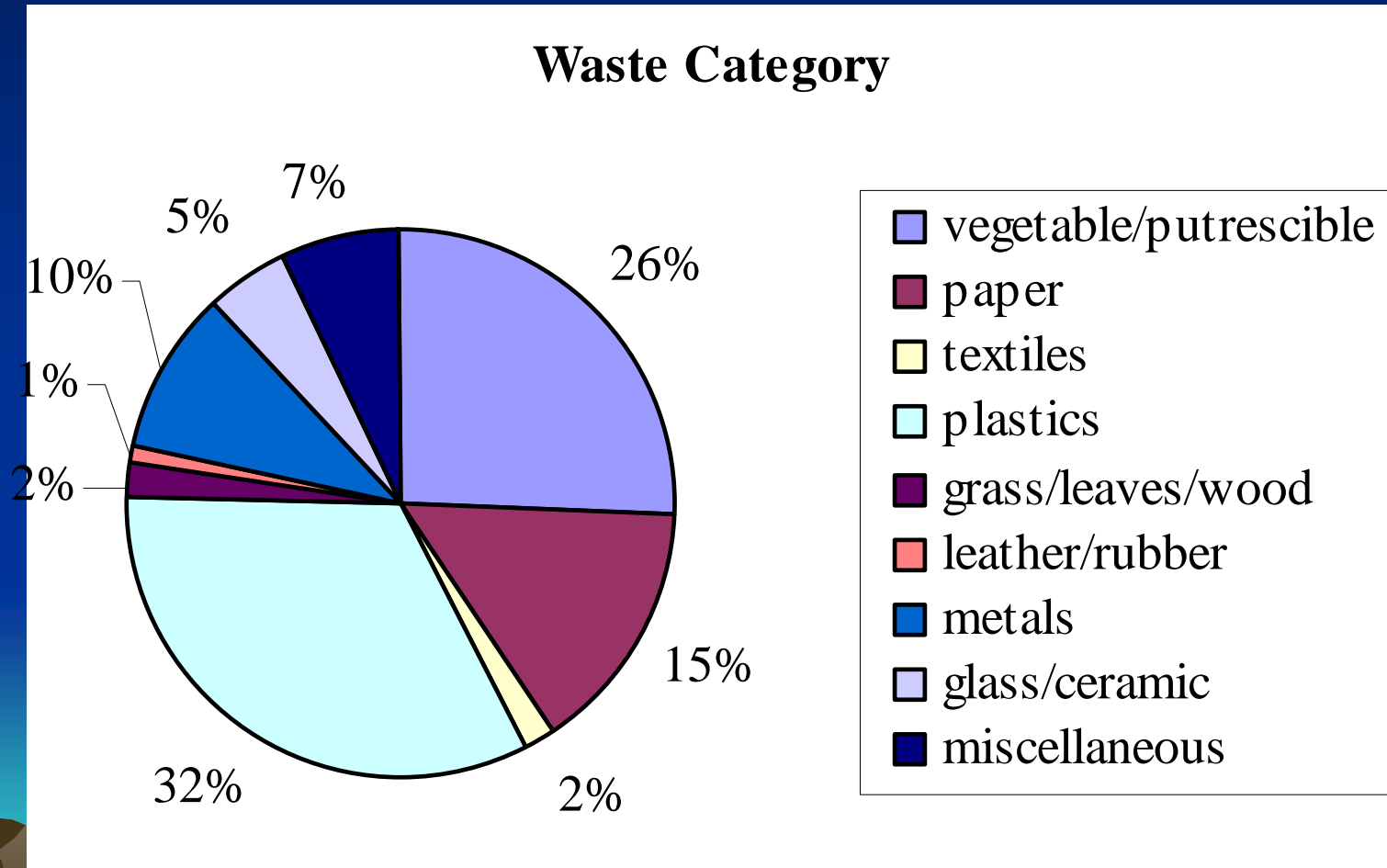


**1 person/day  
= .55 lbs**

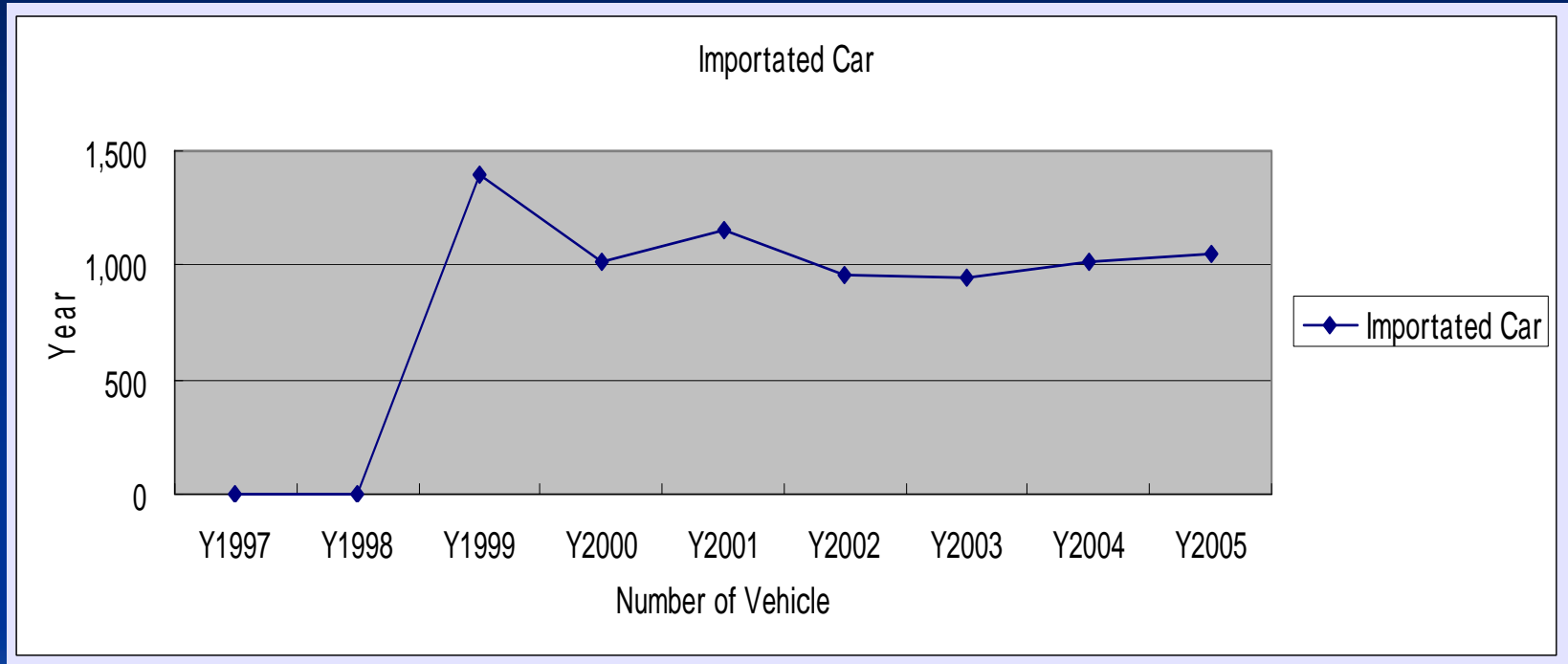
**1 day in Koror  
= 8,250 lbs**

**1 year in Koror  
= 3,011,250 lbs**

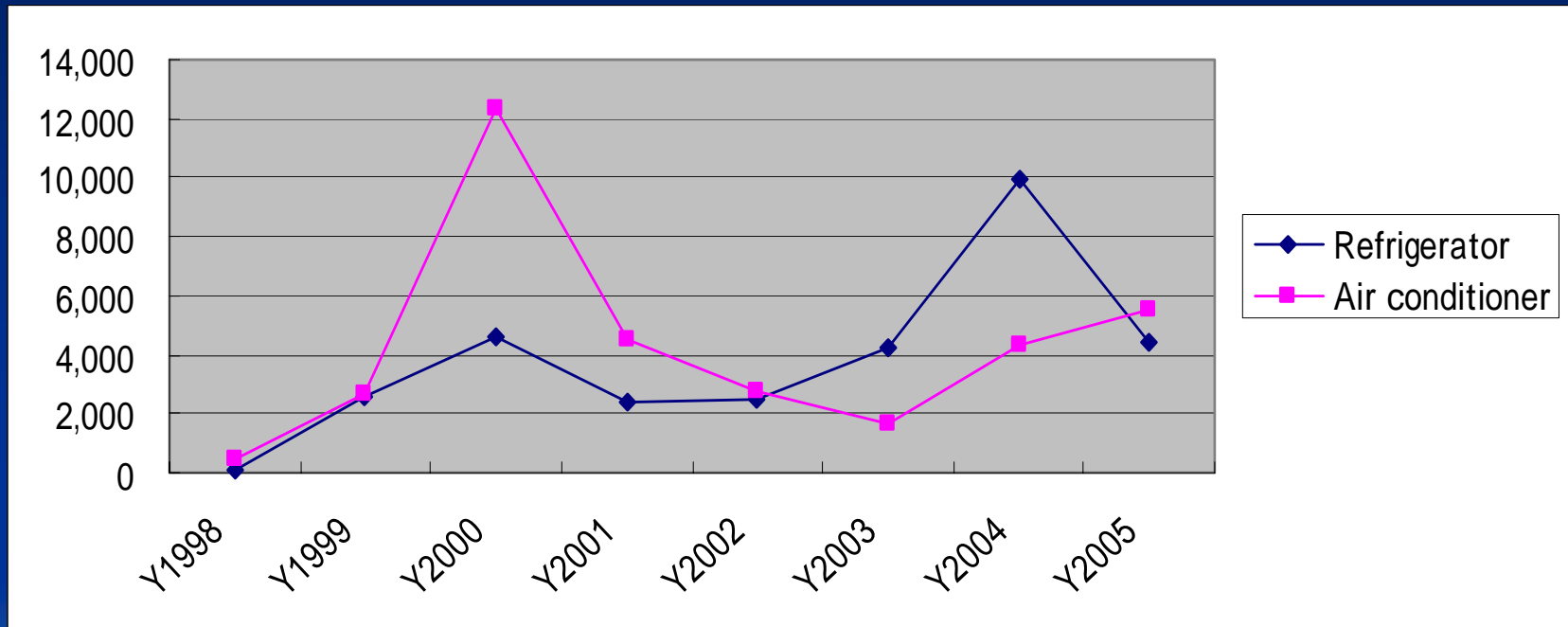
# Municipal Waste Survey



# Imported Cars



# Imported Refrigerators and A/C





# Public Education & Enhancement Committee

## Chairman

Rep. of Environmental Quality Protection Board (EQPB)

## Members

Division of Environmental Health

Ministry of Education

Koror State Solid Waste Office

Bureau of Public Works, Solid Waste Office

Palau International Coral Reef Center (PICRC)



# Activities

## Earth Day Event



## Summer Camps



## Palau Fair



# Future Plans

- Implementation of NSWMP
  - under review by EQPB
- **Implementation of Beverage Container Deposit Program**
- Relocation of the National Landfill



# Beverage Container Deposit Program

## Sample

## Deposit Fee

- -Each beverage container will cost \$0.10 to import.
- - $\$0.05$  will be paid to the redeemer.
- - $\$0.025$  will go to the redemption center and
- - $\$0.025$  will go to the national government



# Collection & Transportation



# Public Education & Enhancement Committee



# Waste Segregation Stations



# KSG Recycling Facility/ National Redemption Center



# M-dock landfill



# 3R Campaigns



# Workshops



# Thank You!



## Be a 3R Hero