Protection of marine ecosystem and biodiversity through 3R measures



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Presentation Outline

- Country Overview
- Current Situation of Taro Island, Choiseul Province
- Environment Management Initiatives
- Plans to Improve Waste Management in Taro Island
- The Need for 3R Approach
- Current 3R Activities
- Way Forward



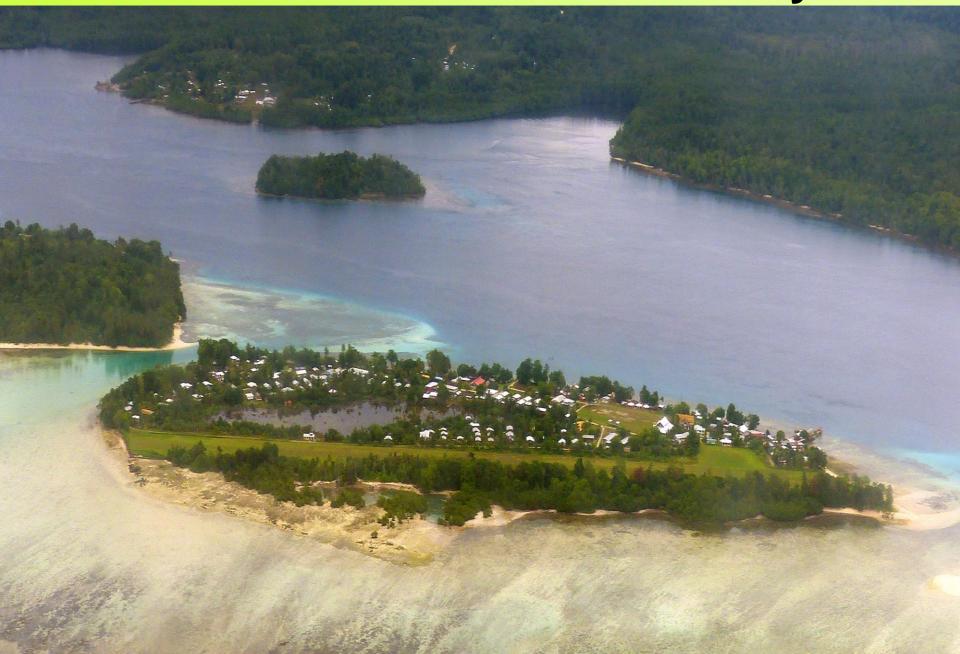
Overview -Solomon Islands



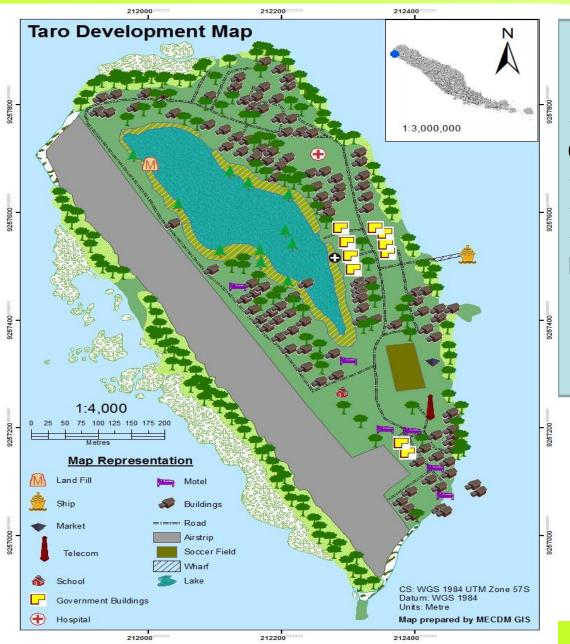
Choiseul Province



Taro Island and Choiseul Bay



Current Situation



- ❖Total Population: 810 (2009 Census)
- ❖40 Households
- ❖Total area is about 1.5 Sq Km
- ❖LMMA is located North of the Island



Main Ecosystems of Taro Island





Current Waste Management Issues









Environment Management Initiatives – Choiseul

- MPA Network (Largest Network in SI)
- Ridges to Reefs Action Plan TNC and CPG
- Sustainable Forest Management SPC-GIZ, Live and Learn, NRDF
- Ecosystem –based Adaptation SPREP-USAID
- REDD+ Pilot Projects Live and learn
- CHICCHAP Vulnerability & Adaption Assessment
 - Climate Change Programs



Plans to Improve Waste Management for Taro Island

- 1. Assessment and relocation of landfill
- 2. 3R Practices Introduced and Implemented at the household level and schools
- 3. Improve Waste Collection System
- 4. Development of a Waste Management Strategy for Choiseul
- Development of an Waste Management Action Plan for Taro Island



The need for the 3R approach?

- Island ecosystems vulnerability to climate change is further exacerbated by poor waste disposal practices.
- Uncontrolled disposal of waste puts pressure on the vulnerable ecosystems and biodiversity of the Island.
- Managing wastes increase the resilience of the ecosystems and communities to better adapt to climate change.
- Limited space requires 3R activities to reduce the amount of waste produced.

Current 3R related activities

- Integrated Solid Waste Management Workshop Conducted – SPREP-USAID, Min of Environment
- Waste Characterization Study carried out Min of Environment
- Ecosystem management approaches include clean up and proper disposal of wastes
- Installation of Waste Bins and Waste Bin Stands
 - SPREP, Min Env and SMM
- Monthly Clean Ups (Youth @Work) and Education and Awareness

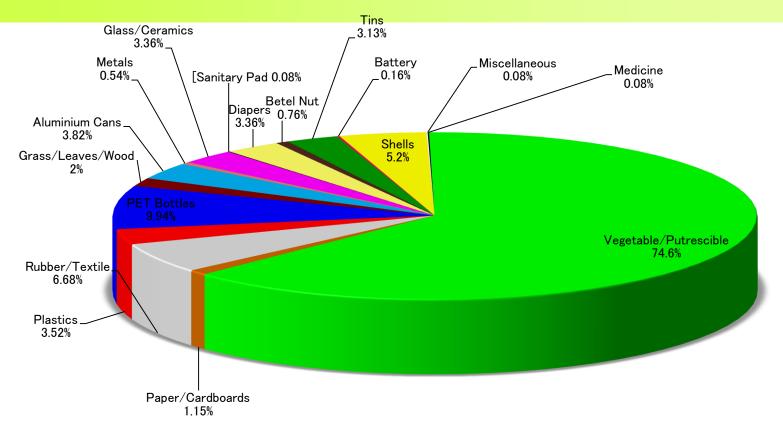


Current 3R Related Activities....Cont

- Regular Waste Collection Choiseul PG
- Assessment and studies to recommend alternatives sites and options for the current dumpsite/landfill –Ministry of Env

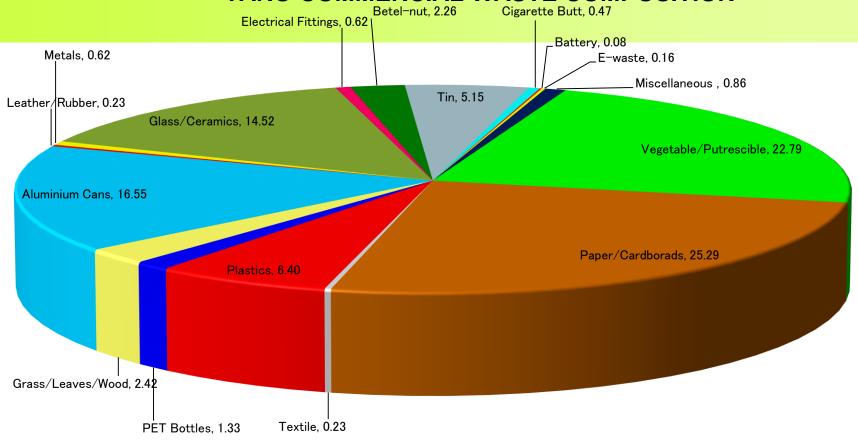


TARO HOUSEHOLD WASTE COMPOSITION



WASTE TYPE	TARO	HONIARA
Vegetable/Putrescible	74.6%	50%
Plastics	3.52	12%
Aluminum Cans	3.82	2%

TARO COMMERCIAL WASTE COMPOSITION



WASTE TYPE	TARO	HONIARA
Vegetable/Putrescible	22.79%	44%
Plastics	6.4%	12%
Aluminum Cans	16.55%	2%

Way Forward

- Improved Waste Collection System
- Relocation of the current dumpsite to an appropriate site on the mainland.
- Waste Segregation and 3R + Return
- Waste Management Plan for Taro and Choiseul Bay in place and implemented.
- Choiseul Bay/Taro Township EbA Management Plan.



Broader Goal of Integrated Ecosystem Resilience and Waste Management!



Provincial

Town

Provincial Town

Well-serviced Town

Reliable, affordable, efficient and

sewage treatment) are available.

clean town services (such as water,

electricity, telecommunications and

Choiseul town is designed to function as a 'complete' town and sets the standard for provincial capitals in the Solomon Islands.



Town

Choiseul Township

A proud, safe and thriving capital

Prosperous Town

Choiseul town is a prosperous provincial capital with a diverse economy (consisting of government services, agriculture, tourism, aquaculture, forestry, marine industries and service industries) supported by a thriving port and busy airstrip.



Safe Town

Communities are safe from possible threats caused by natural hazards, property crime and the spread of disease.

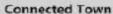


Clean and Green Town

Choiseul town is clean and free from rubbish. Development is sensitive to the natural environment







Choiseul town is easy to get around and well connected with neighbouring villages and other areas outside the province.





Living Town

Living Town

Choiseul town offers a mix of quality housing and lot sizes and a range of community facilities to support a cohesive, strong and healthy living environment for its residents and visitors.

THANK YOU FOR LISTENING

