

Protection of marine ecosystem and biodiversity through 3R measures



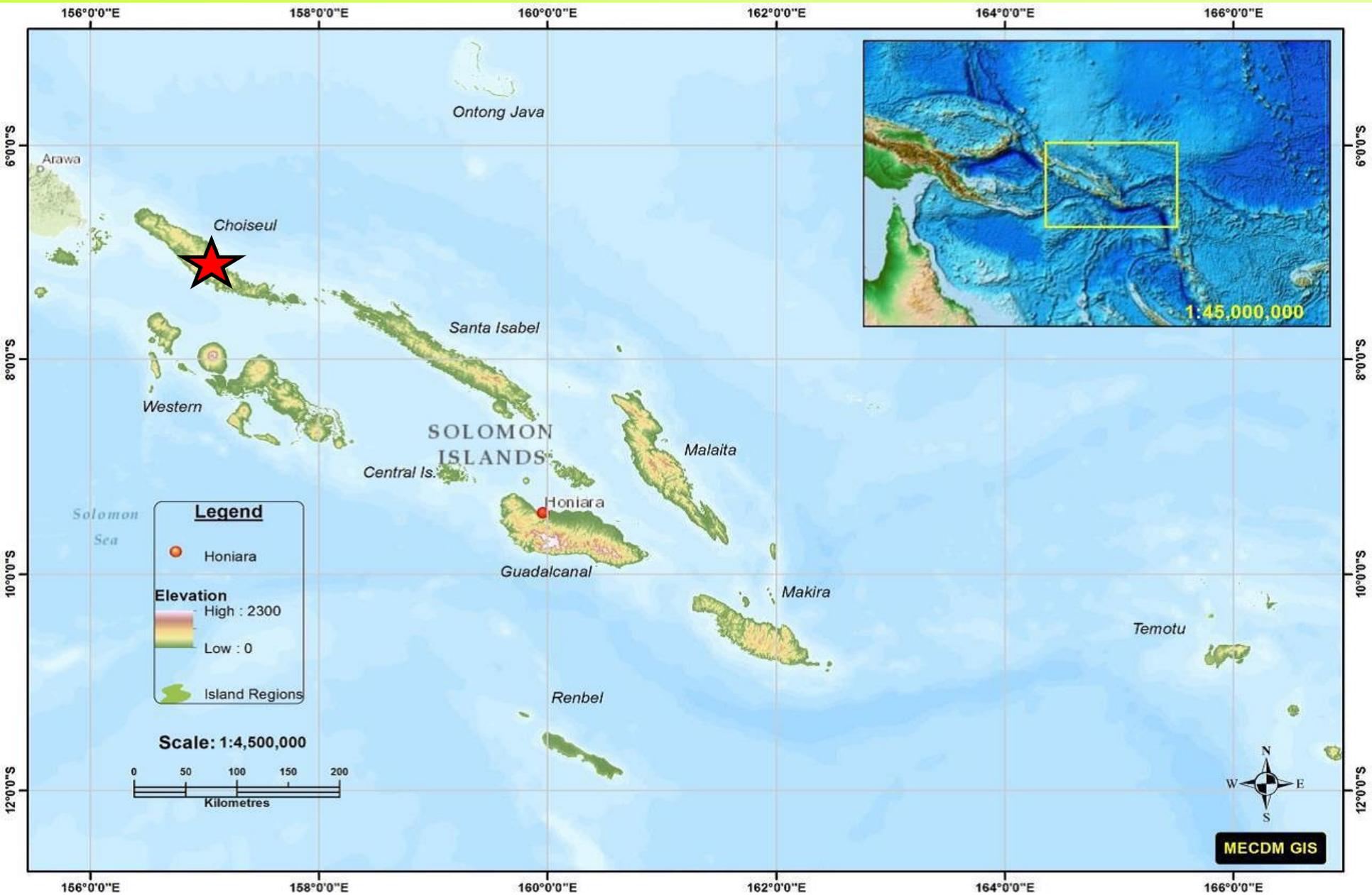
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Presentation Outline

- 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



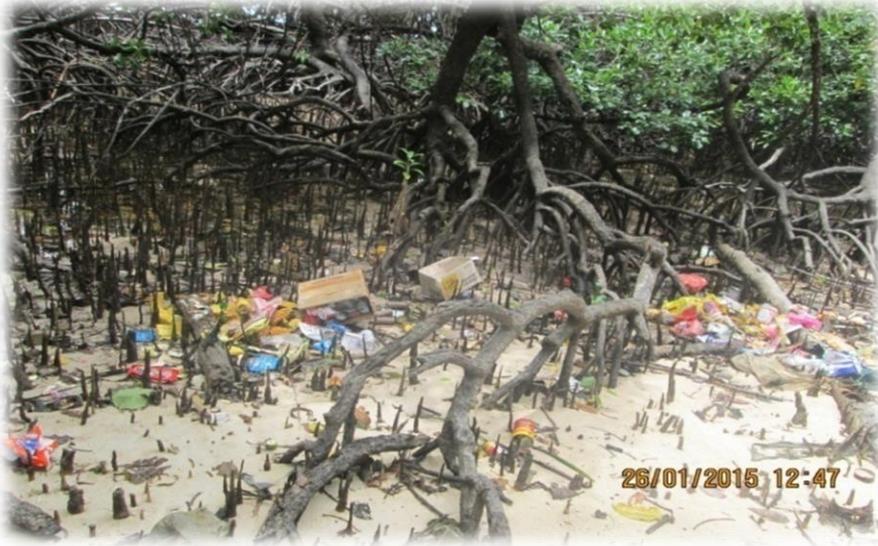
- ❖ Total Population: 810 (2009 Census)
- ❖ 40 Households
- ❖ Total area is about 1.5 Sq Km
- ❖ LMMA is located North of the Island



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
5. 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

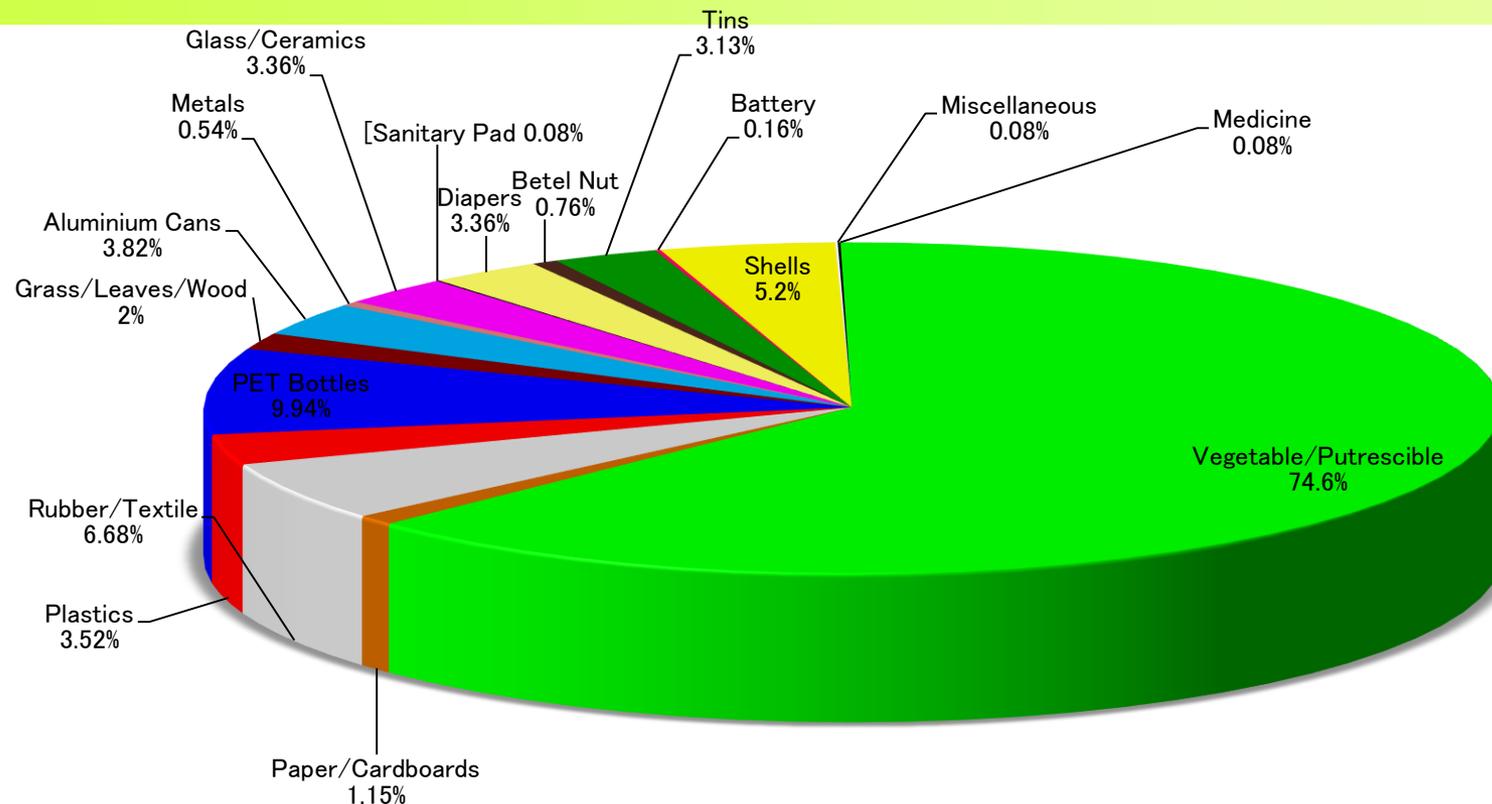


Current 3R Related Activities....Cont

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



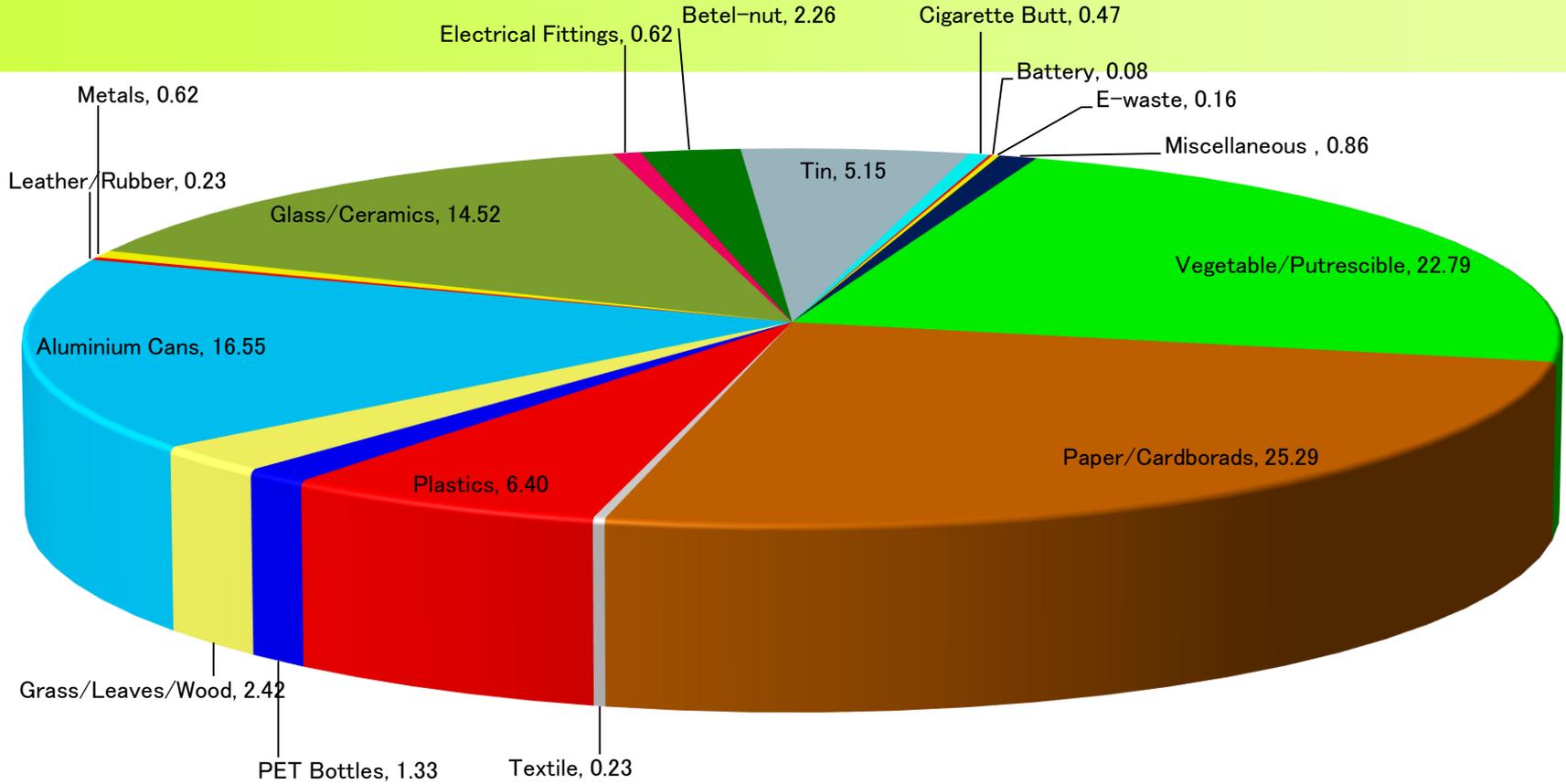
TARO HOUSEHOLD WASTE COMPOSITION



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



TARO COMMERCIAL WASTE COMPOSITION



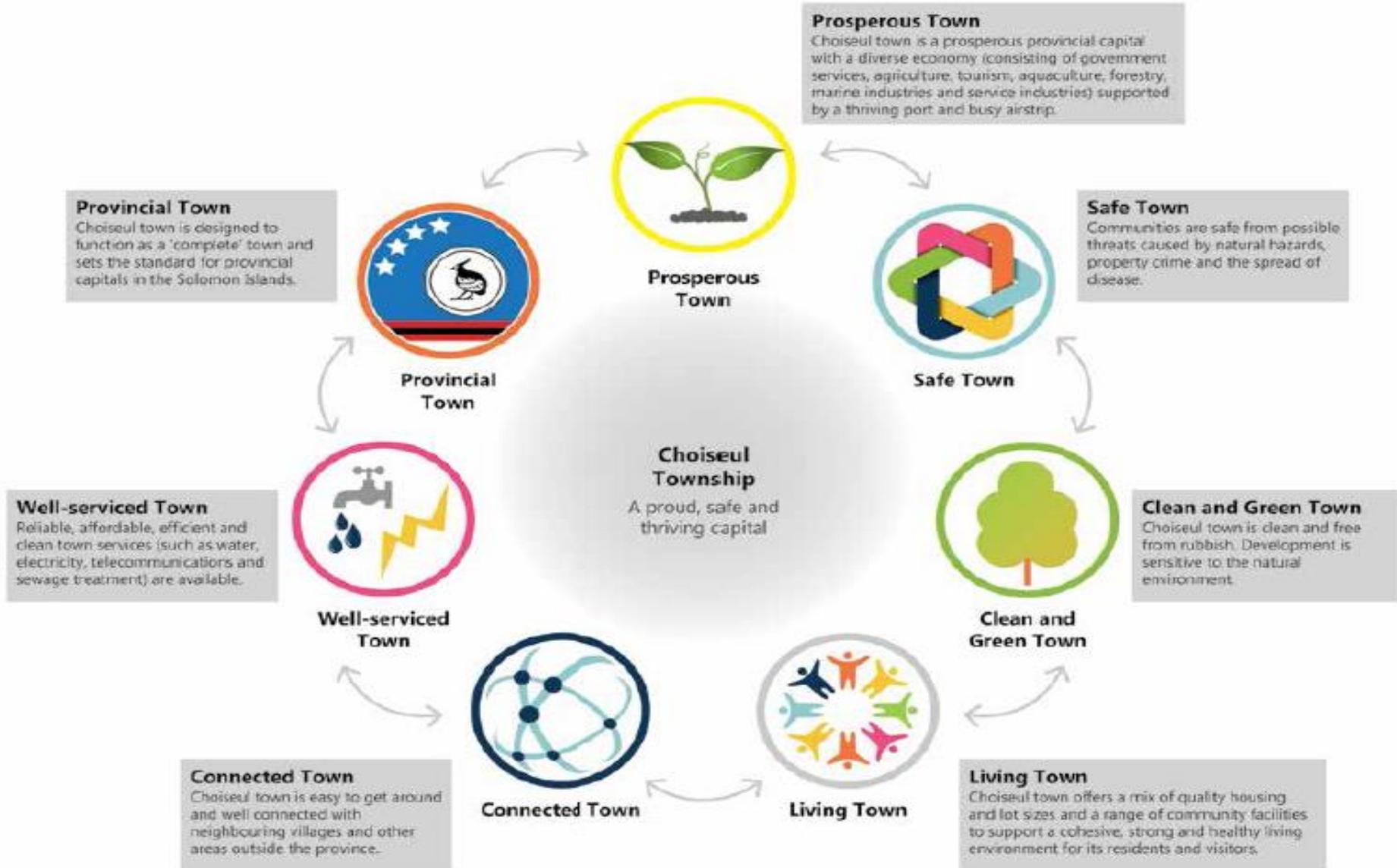
WASTE TYPE	TARO	HONIARA
Vegetable/Putrescible	22.79%	44%
Plastics	6.4%	12%
Aluminum Cans	16.55%	2%

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!



THANK YOU FOR LISTENING

