



YAYASAN
HASANAH

 A foundation of Khazanah Nasional



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WASTE MANAGEMENT KG SIRING BUKIT, MANTANANI – PROGRESS & UPDATE

May 2020

An aerial photograph of Pulau Mantanani, a small island with a white sandy beach and lush green vegetation. The water around the island is a vibrant turquoise color. A circular inset in the upper left corner provides a closer view of a village, showing several small buildings with colorful roofs (red, blue, orange) scattered across a sandy and vegetated area. A white line connects the inset to the corresponding location on the main island.

Kg Siring Bukit

There are two kampung in Mantanani and Kg Padang has bigger population compare to Kg Siring Bukit.

Pulau Mantanani, Kota Belud Sabah



Background



Waste management system introduced by RCM in kg siring bukit in November 2018 as part of it's long term goal to improve resilience of the island's reefs.



Prior to the set up, RCM consulted and discussed with the household members to allow them to participate in designing the program.



The system which initially run as a trial are now adopted by the villagers in kg siring Bukit. Since then, waste generated such as food waste, plastic trash, and other general trash were able to be prevented from polluting marine ecosystem.

Process - system



Household are required to segregate their waste with the materials provided.



Two local part timers will go to each houses to collect the segregated waste.



Waste then transferred to waste segregation area where its get further sorted.



All waste excluding the food waste are then transported out either to recycling centre or dumping site in mainland – once it ready.

Progress



In average, 438kg of waste are collected from polluting marine ecosystem every month and more than 80% are food waste



Waste management in Kg Siring Bukit has been running since November 2018 – 18 month!

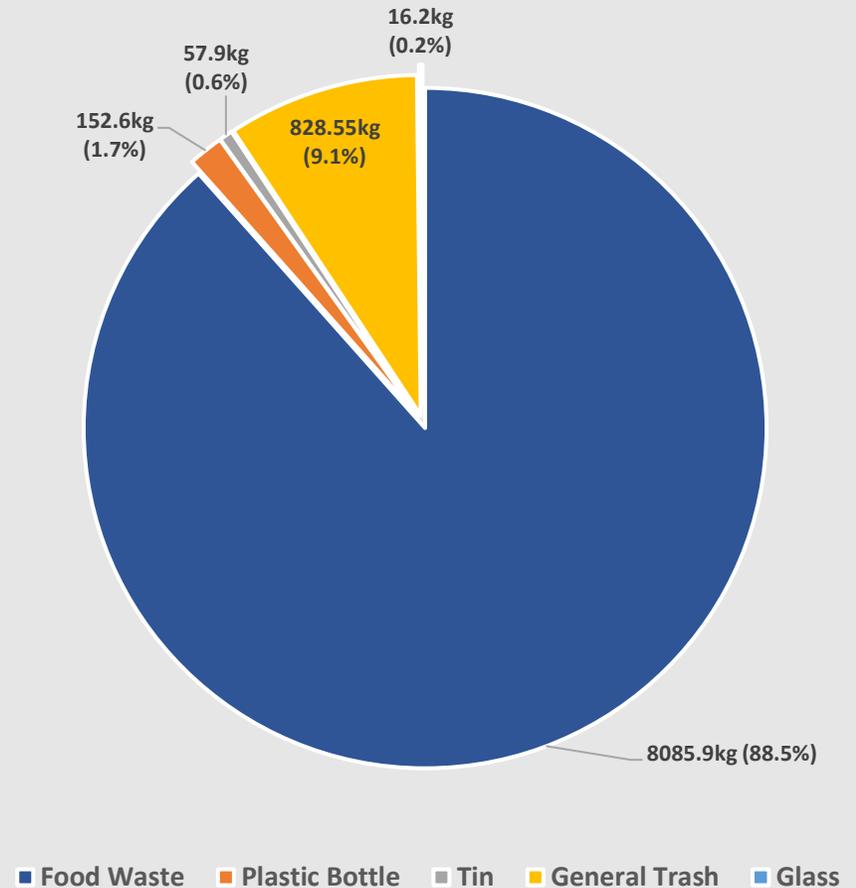


A total of 22 houses actively participating with more than 110 household members as direct beneficiaries



The design of this system has proven a successful outcome and now being replicated in Kg Padang involving 30 houses!

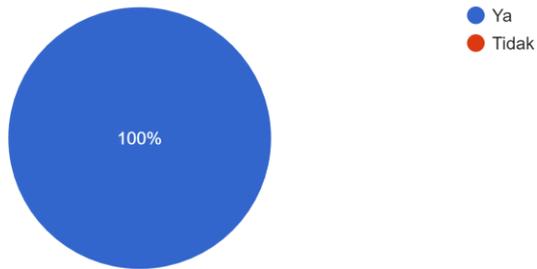
Total Weight(kg) & Percentage(%) of Waste Collected in Kg. Siring Bukit (Nov 2018 - Mac 2020)



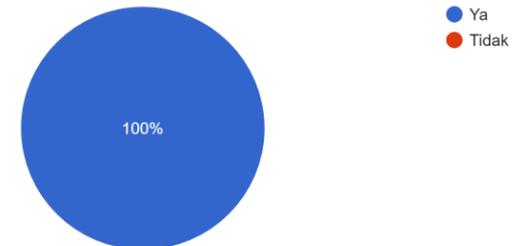
Monitoring and evaluation

A progress survey conducted every six months. Recent survey conducted May 2020, reveals that the locals agreed that the waste management system are useful in their daily life and easy to implement. Therefore, they will continue to participate and adopt the established system.

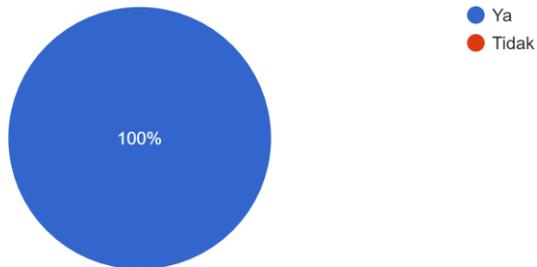
Adakah Program Pengurusan Sampah ini dapat membantu anda dalam kehidupan harian anda?
21 responses



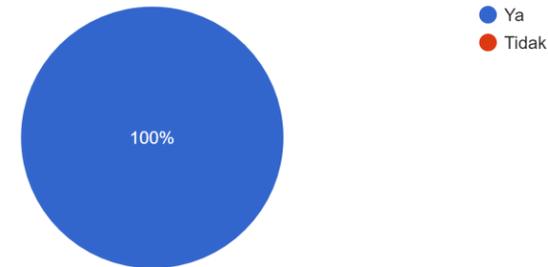
Adakah penduduk yang lain juga masih melibatkan diri dan menguruskan sampah mereka dengan baik?
21 responses



Adakah Program Pengurusan Sampah ini mudah untuk dilaksanakan?
21 responses



Pada pendapat anda, adakah Program Pengurusan Sampah ini patut diteruskan?
21 responses



Photos



Monthly engagement program with the villagers to discuss progress and improvement



Recent progress survey and distribution of new food waste container to the villagers

Next step!

- To continue replicating the system in Kg Padang and eventually integrate it into a bigger and effective waste management system for the whole island.
- To convince Majlis Daerah Kota Belud to support financially the program or take over the implementation of waste management system in Kg Siring.

Thank you!