

Reef Check Malaysia



Saving our Reefs

WHO WE ARE

Reef Check Malaysia (RCM) is a non-profit organisation registered in Malaysia since 2007, working to conserve coral reefs. We have 15 staff, most of whom are based on islands where they lead long term community programmes.

RCM focuses on four main core areas which complement one another to promote coral reef conservation and management in Malaysia: EcoAction, Science, Advocacy, and Management.

We are also working on marine debris.



MANTANANI

- 22km off the West Coast of Sabah
- Kg Siring Bukit: 22 households (110 villagers)
- Kg Padang: 154 households (890 villagers)
- 27 resorts; up to 1,000 tourists per day
- Approximately 0.83 tonnes of waste per day
- No waste management in place, but we have implemented a trial in Kg Siring Bukit



MANTANANI

Results from the trial:

Month	Weight (kg)				
	Food Waste	Plastic Bottle	Tin	General Trash	Glass
Nov-18	500.3	35.8	29.8	84.7	8.2
Dec-18	561.4	35.9	10.5	80.5	3
Jan-19	421.8	12.9	5.6	90.85	0
Feb-19	348	7.1	6	69.1	0
Mar-19	515.5	5.3	3	49.3	5
Apr-19	498.6	3.2	0	39.2	0
May-19	562.2	3.2	0	41.4	0
Total Weight (kg)	3407.8	103.4	54.9	455.05	16.2

- A total of 4037.35kg of waste collected over 7 months
- Food waste decomposes on the island
- Plastic bottles sent to recycling collector in Kota Kinabalu
- Other trash is sent Majlis Daerah Kota Belud (MDKB) on the mainland to landfill

We are proposing to replicate the same waste management system in Kg. Padang.

MANTANANI Challenges

- HDPE and PP are processed on the island with a Shredder and Extruder machine to make other products for sale eg. key chains
- PET bottles are sold for recycling but at low value of RM0.20/kg, while our cost to ship it off the island is close to RM1000 per trip
- Last batch shipped was 880kg of PET bottles = RM176



TAMAN PERSIARAN DESA



109 landed properties

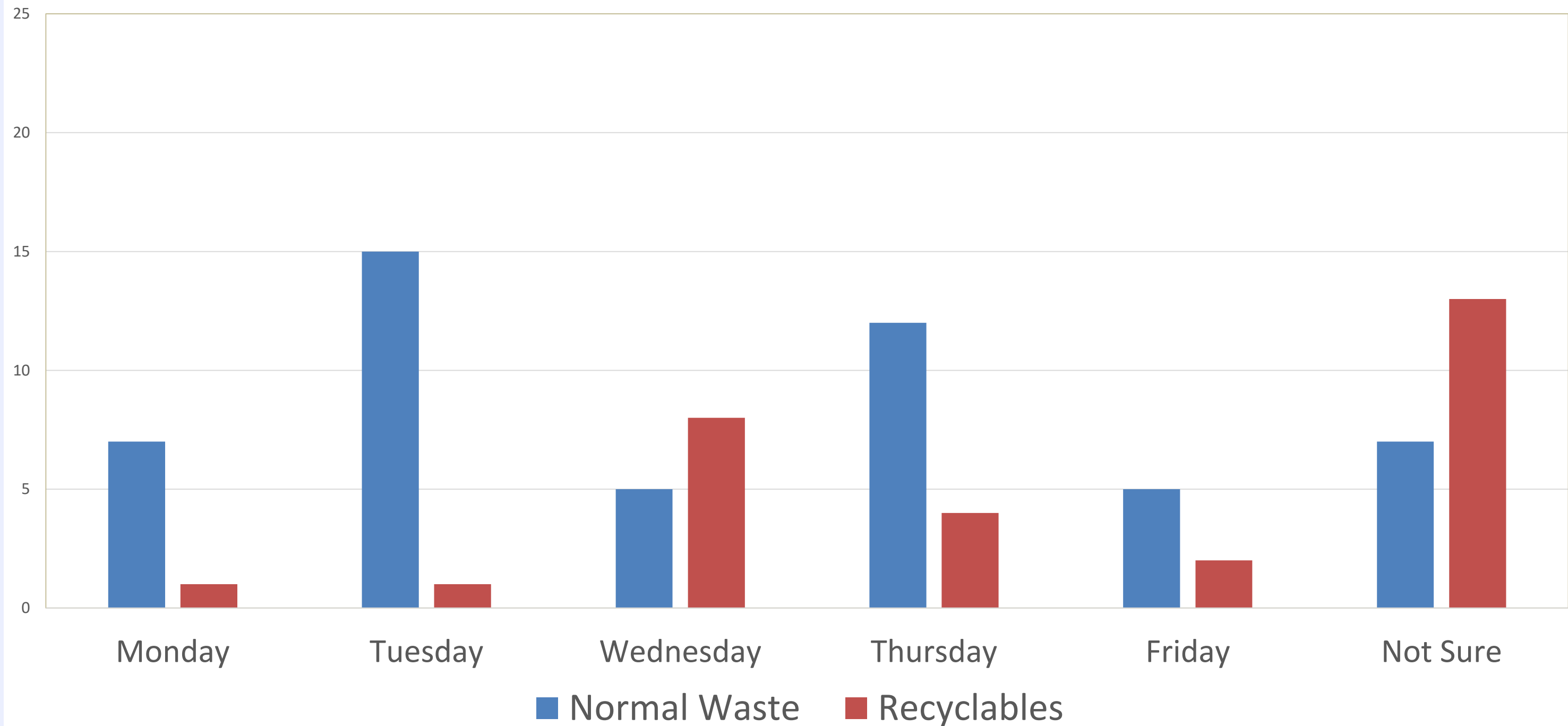
57 gated & guarded

2 condos (115 and 272 units)

- Support from DBKL LA21
- Door-to-door conversation with residents and providing a separate bin for each landed household & each floor for high-rise
- Started Phase 1 with resident survey in August/September
- Still waiting for Alam Flora and SWCorp for collaboration on Phase 2 which is monitoring separation at source

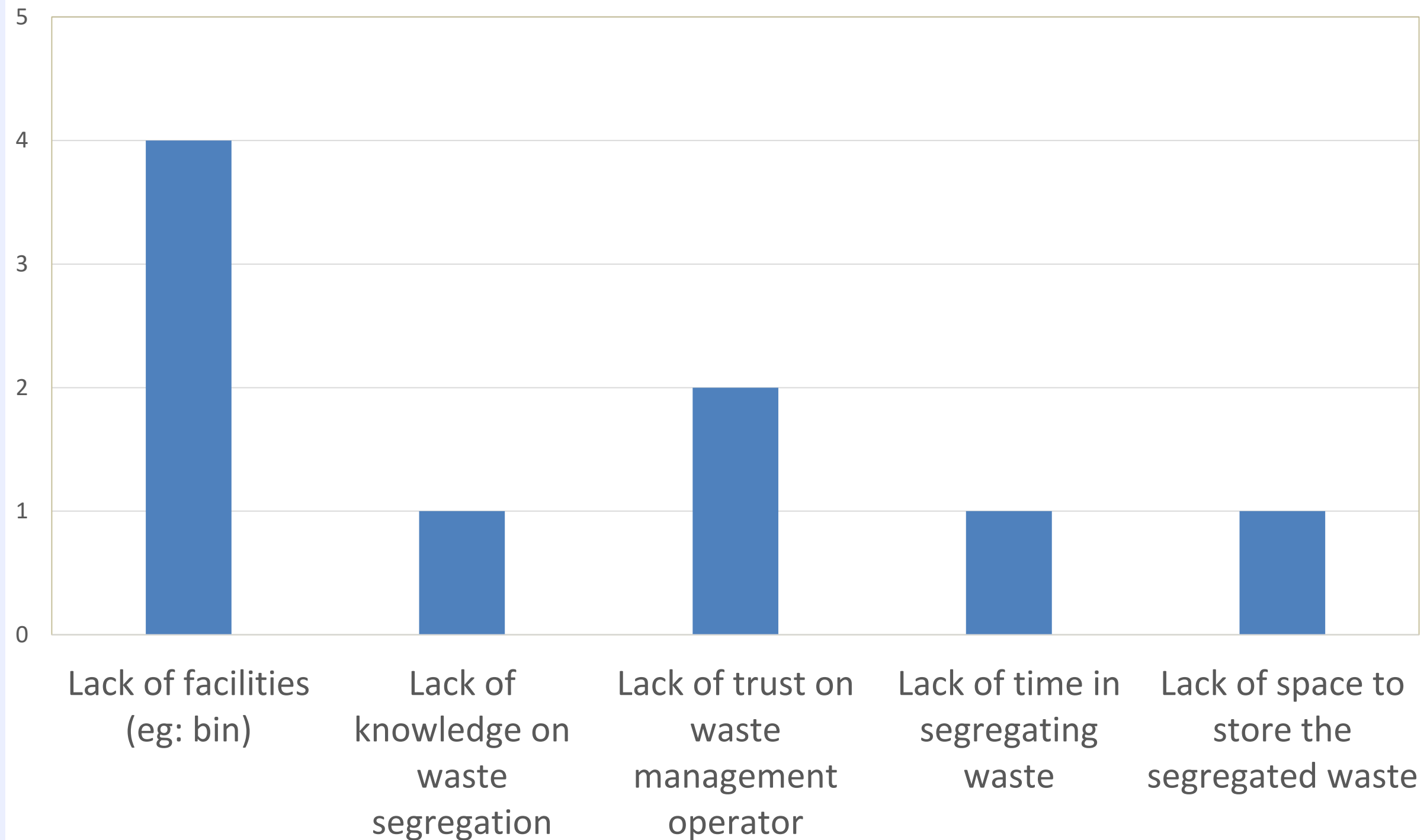
TAMAN PERSIARAN DESA

**Awareness of the Schedule of Waste Collection by residents in
Taman Persiaran Desa**



TAMAN PERSIARAN DESA

Factors Contributing for residents to not segregate their waste



CONTACT INFO



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