


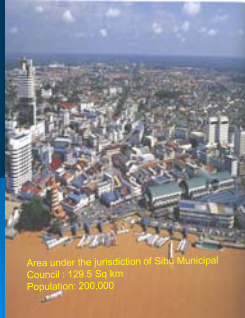

Solid Waste Management & Composting Practices

- My Sibü Experience

Presented by:
Mr. Chua Hock Siang, PPKP U32,
Sibü Municipal Council, Sibü,
Sarawak, Malaysia.
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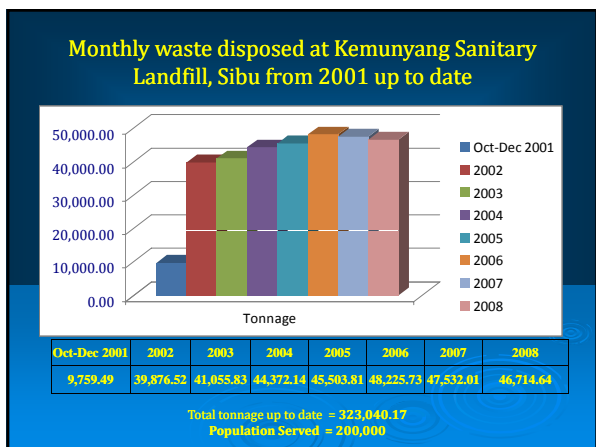


Present Sibü Town

Area under the jurisdiction of Sibü Municipal Council: 128.5 Sq km
 Population: 200,000


LEGEND :
■ SIBÜ MUNICIPALITY



Waste Characterization

Item	Material	Percent [%]
1	Organic matters	49.50
2	Plastic	14.50
3	Paper	10.51
4	Paper Carton	8.80
5	Textile Waste	5.20
6	Glass	3.80
7	Ferrous Material	3.40
8	Rubber	2.80
9	PVC	1.20
10	Polystyrene	0.10
11	Aluminium	0.10

Waste system, Administration and Finance

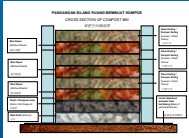



At present, for residential housing estates, house to house collection is carried out 3 times weekly by compactor lorries;
 For commercial shop houses, collection is done daily whereas in the main town centre, collection is done twice daily.
 The final disposal is at the Kemunyang Sanitary Landfill which is 26km from Sibü town.


In Sibü, the waste collection is carried out by contractors and divided into 4 zones.
 The waste management at dumping ground is also carried out by contractor, including the leachate treatment plant.


Financially, Council spending on waste management is as follow:-
 Year 2007 – RM4,804,490.00
 Year 2008 – RM4,650,406.00
 Approved estimate for year 2009 is RM4,600,000.00

Methodology of Composting in Sibü









Composting Procedure

- 1 : First layer soil
- 2 : Kitchen Waste
- 3 : Put grass
- Put kitchen waste in
- 6 : Completed

Production

Since the introduction of composting project, the municipality has started to carry out composting in June 2008 and up-to date, 556kg had been harvested for distribution to participants on Love Earth Day 2008.

Stakeholders' Participation

Launching of Household Composting project in Sibul

- Taman Grand Height Started July, 2008
- SMK Agama Started August, 2008
- SMK Teknik Started December, 2008
- Individual Household Started in 2008
- Taman Li Hua Started April, 2009

Benefits of Composting Practices

- **Environment**
By recycling these organic materials, the end product could be used as soil conditioner which would benefit the environment;
- **Economic**
It helps to reduce the operational and maintenance costs of waste management, eg in Sibul, presently the municipality pays RM130 per ton for the waste management;
The community also save money to buy fertilizer for plants;
- **Social**
It fosters relationship among the municipality with the communities, schools etc to work hand in hand towards a clean, healthy & sustainable living environment and Love for our Mother Earth.

Problems regarding Waste Management

- Indiscriminate Dumping - NIMBY Abatude
- Malpractice of Disposal
- Littering at Public Places
- Discharge into Drain

Environmental Priorities of the Municipality

- Meeting the Community
- Health Talk
- Exhibition
- Collection centres for recycling items

