

Outline of Presentation

- 1 About Sibu City and key challenges
- 2 Policy in conservation and management of greenery
- 3 Private sectors participation in parks development
- 4 Other urban biodiversity initiatives



About Sibu

1 Area: 129.5 sq.

2 Population: About 200,000

3 Location: Central of Sarawak

Vision

To be a <u>dynamic</u>, <u>competitive</u> and <u>proactive</u> local authority by 2015

- Dynamic Always moving forward, stimulating changes and continuous improvement.
- Competitive Highly motivated to achieve excellence and become the benchmark to other local authorities
- Proactive Committed, responsive and sensitive towards a transparent, orderly and effective delivery system

Mission

- Sibu Municipal Council is responsible for acting as the catalyst for improving the quality of life of the Sibu community by the active and effective provision of municipal services, infrastructure and support.
- In all our endeavors, we will be sensitive and responsive to the socio-economic needs and aspirations of the Sibu community, in consonance with the state and national vision "towards 2020"

Key Challenges of Sibu City

- 1. Urban Infrastructure:-
 - Sinking roads and drains in deep peat soil
- 2. Environmental & Sanitation Concerns:-
 - Sanitary Landfill
 - Regulation of recycling business
 - Mass organic waste generated from markets and farms
 - Birds problem in town area

Key Challenges of Sibu City

- 3. Beyond Traditional Roles:-
 - Promotion of Sibu through various tourism related activities such as Annual Borneo Cultural Festivals & Annual Countdown
 - Eradication of Urban Poverty

Policy In Conservation and Management of Greenery



Quality and Integrated Landscape Development in making Sibu City a garden city to meet the needs and well being of the community.

Developing quality and integrated landscape program to balance development and environment.

Policy In Conservation and Management of Greenery



Ensuring the areas for landscaping, public parks, open spaces and recreation grounds are competitive/practical.

Retaining and enriching the landscape resources for future generation.

Ensuring the competitiveness of the landscaping industry

Private Sector Participation in Parks Development



Parks development in Sibu took a turn in 2001 when the local authority called for smart partnership urban parks projects

Since then, Sibu has added 10 parks, 3 sports facilities and 3 statues



Smart partnership is beginning to become a trend in Sibu nowadays and giving a facelift all over Sibu City, not only fulfilling aesthetic value, but also benefit the society and sustaining the urban environment.

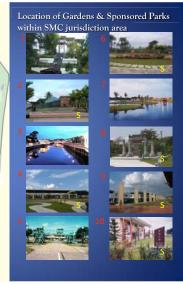
Modus Operandi in Decision Making

- Private sector (NGOs and communities) express their interest on smart partnership projects
- Local authority studies the proposal and offer terms and conditions
- Financial contribution by the private sector while the Government offers land and facilitates construction

Modus Operandi in Decision Making

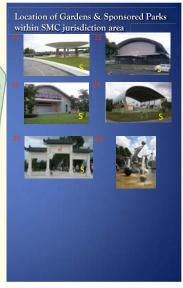
- Private sector reserves the priority to name the project after their organisation and also priority to use the facilities
- The government retains the ownership and is responsible to maintain the facilities











Wong Nai Siong Memorial Garden

Completed in March 2001 at the cost of RM1.0 million

Sungai Merah Heritage Walk



A project to commemorate the founding of Sibu by the late Wong Nai Siong. - 0.5 km heritage walk along Sungei Merah completed in 2001

Heng Hua Garden



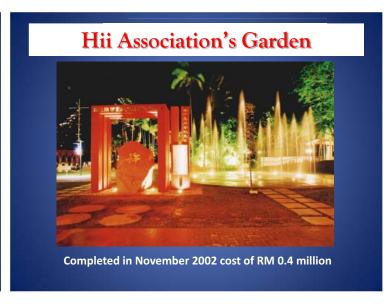
A garden at Jalan Seduan costing RM1.0 million completed in March 2002

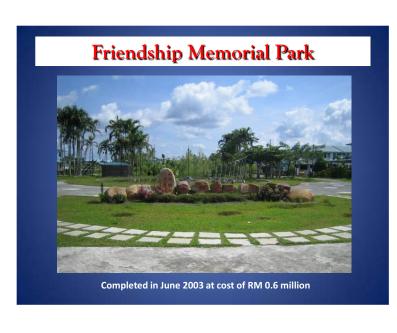
Hui Ning Garden

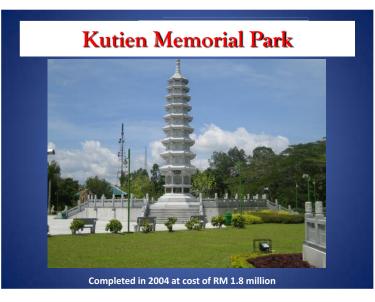


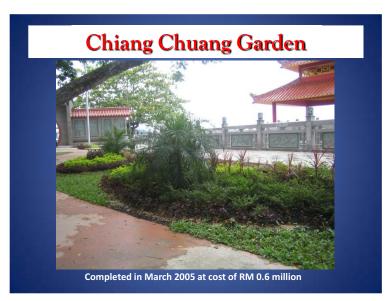
Completed in June 2002 cost of RM 0.8 million

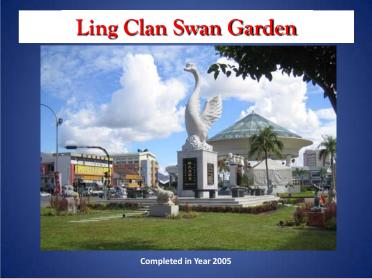
Su Kuok Garden Su Kuok Garden Su Kuok Garden Completed in November 2002 cost of RM 0.5 million

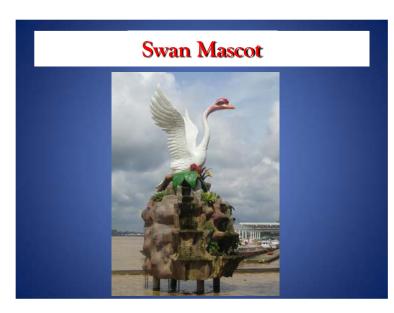


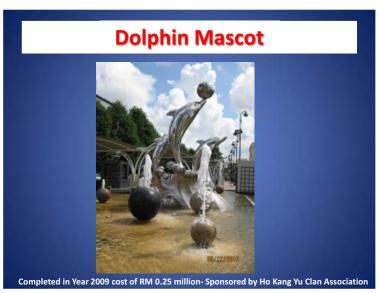


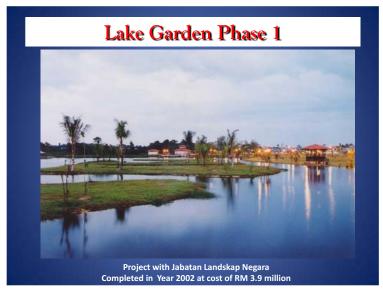




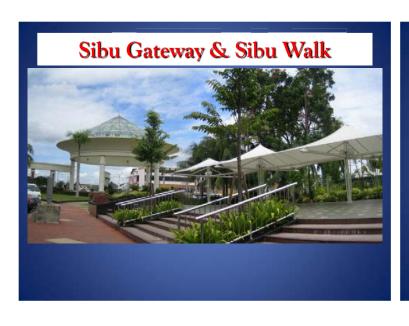


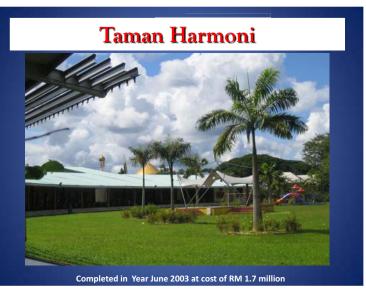




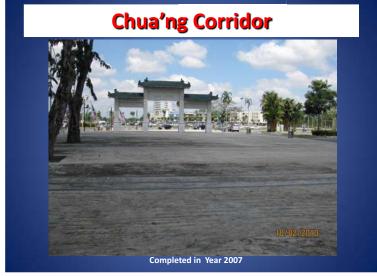


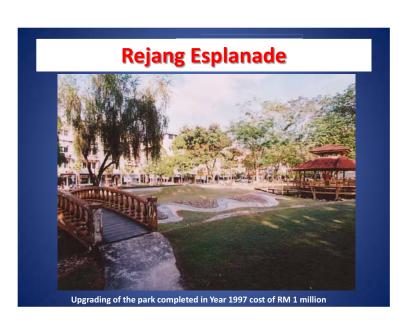














Benefits

- Initial capital/outlay by the private sectors, so less burden to the Council and cost saving
- Instill the sense of belonging
- Citizens/private sectors are happy to have the parks or facilities named under their associations
- Associations can showcase their history

Barriers & Challenges

- Identification of communities who are committed towards smart partnership
- Selective urban parks concept & designs
- Coming to mutual agreement on terms & conditions
- Maintenance of the community parks
- Diversification of smart partnership projects – Sports facilities, urban security
- Problem of birds and nuisances

Barriers & Challenges

- Vandalism
- Soft and peat soil factors that lead to high maintenance cost in some recreational areas.
- Political will

Future Potentials

- Sibu is now embarking on the other opportunities of private sector participation
- Residential Mini-Libraries
- Leveling and beautification of fivefootways
- Beautification of side and back lanes in town centre

Other Urban Biodiversity Initiatives

- Tree Planting Programme
- Community Composting
- Enzyme Making
- Recycling Activities

Planting Tree is Fun



Tree Planting is Great



Tree Planting is Enjoyable



Community/Household Composting

- Started in 2008
- Pilot projects in 2 residential neighborhoods and 2 secondary schools
- Activities
 - Briefing, demonstration, free compost bins, follow up inspection.
 - Communal composting centre (Market hawkers and schools)
 - JICA had organised a regional workshop on Takakura Method of composting in Dec 2009

Community/Household Composting

- With the introduction of community/household composting, Council is also encouraging "Green Your Home" concept.
- Community/household composting not only reduce the waste but also improve the environment
- Future plan: Composting plant for waste from market and parks





Community Garbage Enzyme Making

- Household garbage enzymes has suddenly became very popular among the community
- SMC and the NGOs have been going round schools, religious bodies and the communities to give talks and giving demos
- Objectives: reducing garbage while producing environmental friendly enzymes for household use and cleansing drains, toilets, septic tanks, lakes, etc. to improve biodiversity





Pouring Enzyme to Improve Biodiversity









Community Recycling

- Started in 1990's
- Working closely with Sibu Kidney Foundation all proceeds from sales of recyclable items goes to charity
- Activities
 - Talks to schools and NGOs
 - Giving free recycling bins and receptacles
 - Free collection from bins placed with NGOs premises
 - Management of Communal recycling centres
- Future plan:- Waste segregation at source
 - Working with community and looking into legislation

Monthly waste disposed at Kemunyang Sanitary Landfill, Sibu from 2001 up to date 50,000.00 Oct-Dec 2001 40,000.00 **2002 2003** 30.000.00 2004 20,000.00 2005 2006 10,000.00 2007 0.00 **2008** Tonnage 2008 Oct-Dec 2001 39,876.52 41,055.83 44,372.14 45,503.81 48,225.73 47,532.01 46,714.64 9.759.49 Total tonnage up to date = 365,571.14 Population Served = 200,000

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

Environmental Commitment of Sibu

The City of Sibu is committed to address the mounting challenges of urbanization; its impact on the environment, society and economy and take a leading role in promoting environmental stewardship building mutual support and cooperation with cities in Asia Pacific region. As a concrete demonstration of this commitment, by the year 2015, the City of Sibu will:

(Adopted on 11 February 2010 at the 5th Kitakyushu Initiatives Network Meeting, Righa Royal Hotel, Kitakyushu, Japan)

Environmental Commitment of Sibu

❖ DECREASE WASTE GENERATION BY 20%-25% (BASED ON 2009 FIGURES) BY ACTIVELY PROMOTING REDUCE, REUSE AND RECYCLE PRACTICES THROUGHOUT THE MUNICIPALITY

Environmental Commitment of Sibu

- ❖To achieve the target, the following measures will be taken:-
- ✓ Sustaining its current success in recycling, garbage enzyme and composting
- ✓ Expanding Takakura Composting Method throughout the municipality

Environmental Commitment of Sibu

- ✓ Promote Garden City and Garden Homes through tree planting, creation of parks and creative landscaping
- ✓ Promote waste segregation at source showcase the pilot activity and replicate throughout the municipality
- ✓ Promote community level awareness, training and involvement of corporate sector in our journey towards a sustainable urban environment

Environmental Commitment of Sibu

- The process will be significantly facilitated if assistance through international cooperation is provided for:-
- ✓ Access to relevant technical information
- √ Training of campaigners/community leaders
- √ Expert visits/advices

Environmental Commitment of Sibu

- ✓ Participation in the information/exchange/events
- ✓ Financial assistance for the campaigns and technical requirements

(Towards A Sustainable City of Sibu)

