



MYANMAR

NATIONAL INITIATIVES/
PROGRAMMES TO
SUPPORT

ASEAN ESC MODEL CITIES PROGRAMME PHASE 2

Plenary 1/ Day 1
5th High Level Seminar on ESC
28 Feb – 1 Mar, 2014
Surabaya, Indonesia


Background

Solid Waste Management

- ❖ Introduce the WTE project at Htainbin FDS and Htawechaung FDS in Yangon City area which tender invited 2012 and FDI procedure and BOT, BOO, BTO scheme.
- ❖ Try to do with more efficient environment protection activities, these are source reducing ,recycling and composting and disposing in landfill or waste combustors.
- ❖ To combine basic strategy of developing waste management capacity along with the promotion of international cooperation to upgrade it into a effective 3R-based policies.
- ❖ Policy makers must develop the institutional capacity to respond in long-term policy development by integrating the goals and objectives of the state, community, and business. ²

Key Information

Tender Invited, Propose Location of (800) TPD
Htainbin Final Disposal Site,
Can dispose Domestic Waste of YCDC area,
Sanitary Landfill Facilities, Bio-Gas to Electricity or CNG



Total Area= 150 Acre
Used Area= 70 Acre

Remarks

1. Daily Disposed = 800 -TPD
2. Tender invited at 2012
3. Proposed Companies = 43 -No
4. Pre selected = 5 -No
5. Final Full Proposal = (07- 08- 2013)
6. Pre selected = 2 No, (05-09-2013)
7. Sanitary Landfill Facility
8. Out put = Electricity or 92% CNG

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Industrial Zones In Yangon City

➤ Industrial Zones in City	= 24 Number
➤ Total Factories	= 3562
➤ Garments	= 126
➤ Foodstuff	= 334
➤ Chemical	= 56
➤ Iron and Melting	= 519
➤ Cold Storage and Fish Processing	= 45
➤ Paper and Cardboard	= 105
➤ Distillery	= 9
➤ Forest Product	= 148
➤ Public Use Goods	= 709
➤ Others	= 1511

Htawe Chaung Final Disposal Site

Tender Invited, Propose Location of (600) TPD

Incineration Plant, WTE



Remarks

1. Daily Disposed = 600 –TPD(domestic)
2. Hazardous waste = 100 - TPD
3. Tender invited at 2012
4. Proposed Companies = 43 -No
5. Pre selected = 6 -No
6. Final Full Proposal = (07- 08- 2013)
7. Pre selected = 2 No, (05-09-2013)
8. Incineration Plant Facility
9. Out put = Electricity

Daily Waste Generated of Industrial Zones

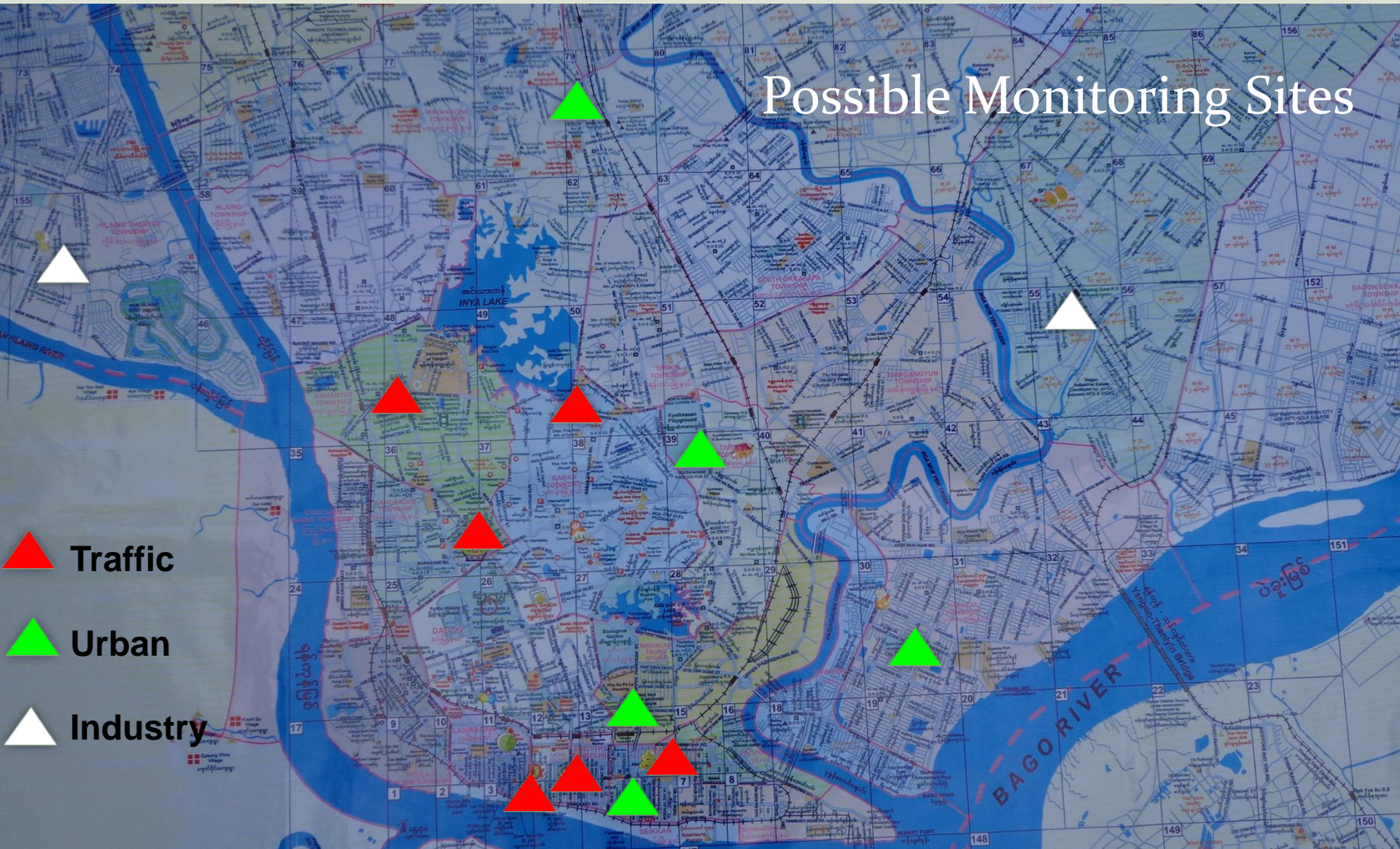
Sr No	Industrial Zone Location	No. of Zones	No. of Factories	Collected	Remark
1	East Dagon	1	41	3	Food and byproduct of sites
2	North Dagon	1	95	11	“
3	Dagon Seikam	2	94	4	“
4	South Dagon	3	2356	13	“
5	North Okkalapa	2	342	57	“
6	South Okkalapa	1	85	0.4	“
7	Thaketa	1	123	3	“
8	Mingalardon	2	40	6	“
9	Shwe Pyi Thar	4	249	6	“
10	Hly Thar Yar	7	137	6	“
	TOTAL	24	3562	109.4	

On Call System

Waste collected = 109.4 Ton Per Day

ASEAN –GERMAN Technical cooperation

Clean Air for Smaller Cities in the ASEAN Region



Supporting Organization

Germany → technical cooperation of clean air smaller cities

ADB ----→ to develop the waste water quality standard

JICA --→ the project of monitoring the sampling points of Hlaing River of Yangon and Dohtawady River of Mandalay for pollution of water condition

Korea --→ adviser for to develop the waste management strategy



To Sustain Our Planet, Do Our Best



Thank you for your attention