

ASEAN ESC MODEL CITIES PROGRAMME



6-8 MARCH 2012

ANGKOR ERA HOTEL, SIEM REAP, CAMBODIA

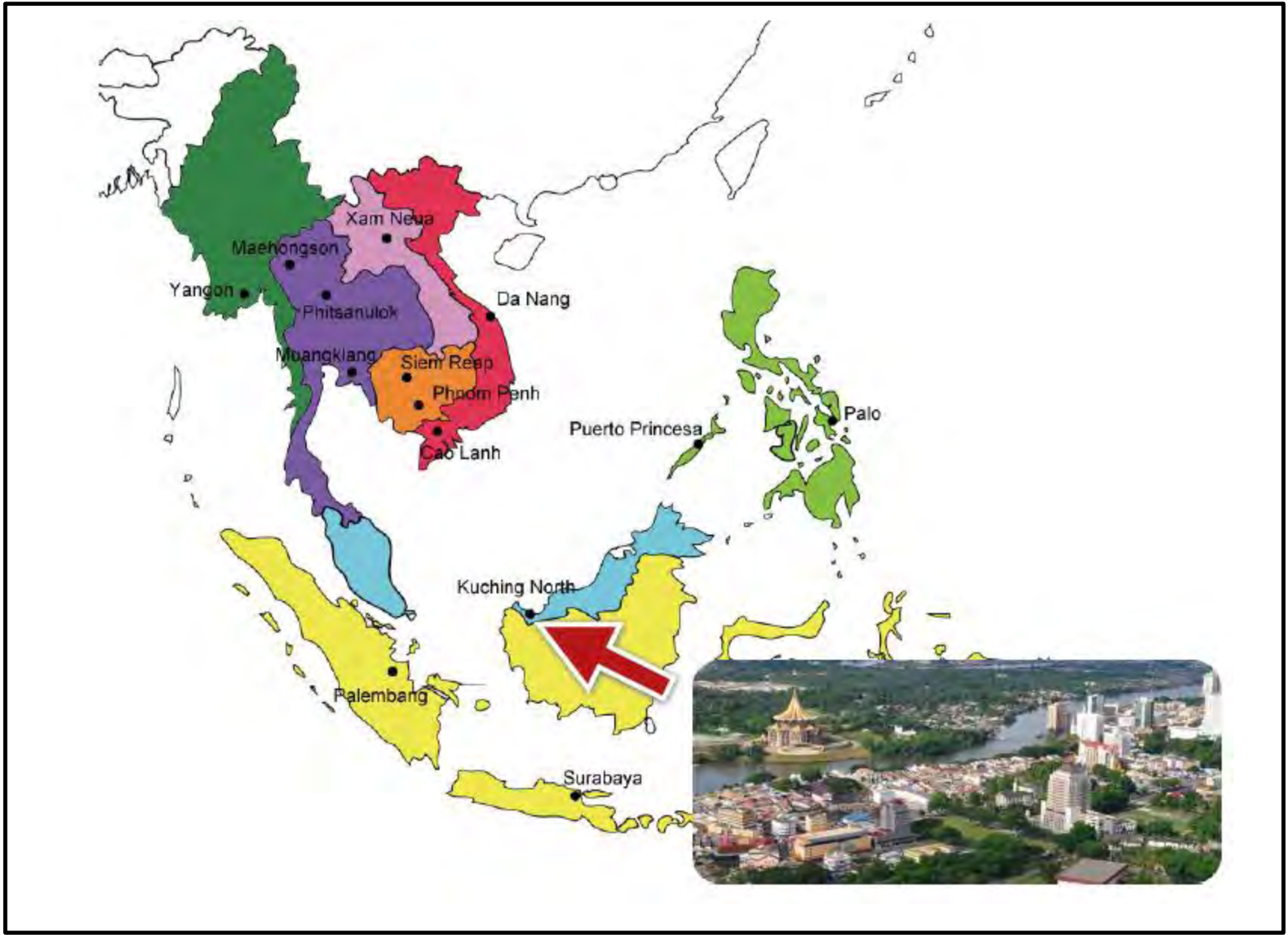
BY

DEPARTMENT OF ENVIRONMENT

MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT

MALAYSIA

LOCATION : CITY OF KUCHING NORTH



BACKGROUND: Project 1

LOCAL GOVERNMENT : CITY OF KUCHING NORTH

Title

- EM (Effective Microorganism) Home Composting in City of Kuching North

Objective

- Reduce solid waste generation, especially waste from the kitchen to be more environmentally friendly.

Project Description

- To reduce the generation of organic waste (kitchen waste) in residential area with composting using EM's technology
- Carried out pilot projects at 5 selected areas
- Study Tour to Kitakyushu, Japan on 24-25 October 2011 to learn first-hand experience in household composting and instruction in public participation
- Expert visit on 30-31 Jan 2012

ACHIEVEMENTS & LESSONS LEARNED

PROJECT 1 : EM HOME COMPOSTING

- A new technique without producing composting worms and bad odour.
- Trial pilot project in some selected areas with knowledge learnt



BACKGROUND: Project 2

LOCAL GOVERNMENT : CITY OF KUCHING NORTH

Title

- Composting of Green Waste in City of Kuching North

Objective

- To compost all incoming green waste at Sejingkat Composting Waste Centre

Project Description

- Sejingkat Composting Centre : receive and compost green waste (tree trimming, logs and leaves)
- Increase of waste and found that the conventional methodology to treat the waste is not effective
- Identified Nonthaburi Municipality, Thailand - experienced in managing green waste and converting it into compost
- Expert Visit on 30-31 Jan 2012

ACHIEVEMENTS & LESSONS LEARNED

Study visit to Nonthaburi Municipality, Thailand on 13-14 October 2011

- Learn more on the composting technique which includes making of EM (Effective Microorganism) solution, EM Mudball and EM composting

EM solution



- To produce the city own solution
Use locally Nipah sugar to replace molasses
- use trial in composting of market waste, as cleaning agent in mobile toilets and control of flies at the compost pile
- trial project at the city's Sg. Maong market and 5 schools canteen

ACHIEVEMENTS & LESSONS LEARNED

PROJECT 2 : COMPOSTING OF GREEN WASTE

Outcome of the Nonthaburi's Visit:

- The improvement in composting of green waste techniques
- The art of making EM solution and its usage
- The making of EM Mudball



NATIONAL FOCAL POINT : DEPARTMENT OF ENVIRONMENT



1st Steering Committee Meeting

- Was held on 21 December 2011 at Kuching North City Hall, Kuching, Sarawak
- Chaired by Mayor of Kuching City North
- To review the status of project implementation by City of Kuching North
- Visited Sejingkat Composting Centre and 2 households which practice the EM Bokashi home composting method

2ND STEERING COMMITTEE MEETING

- Was held on 29 Februari 2012 at DOE Headquarters, Putrajaya
- Chaired by Director-General of DOE
- Several local authorities from the Klang Valley were invited to share and learn about City of Kuching North successful practices

ACHIEVEMENTS

Representatives from CKN have been invited to share in this program in our Bandar Lestari workshops held in :

- Eastern region, 21-22 February 2012

Coming workshop will be held on 13-15 Mac 2012 in Kota Kinabalu, Sabah.

FUTURE PLAN FOR YEAR 2

Participation from
more local cities

Publication of
brochure/pamphlets
on CKN successful
practices

Continue to promote
the EM home
composting to more
households

Video presentation
on EM method

THANK YOU

The image features the words "THANK YOU" in a bold, blue, serif font. The text is rendered in a 3D style with a metallic sheen and a slight shadow beneath each letter. Below the text is a clear, semi-transparent reflection of the letters on a white surface, creating a symmetrical effect. The background is plain white.