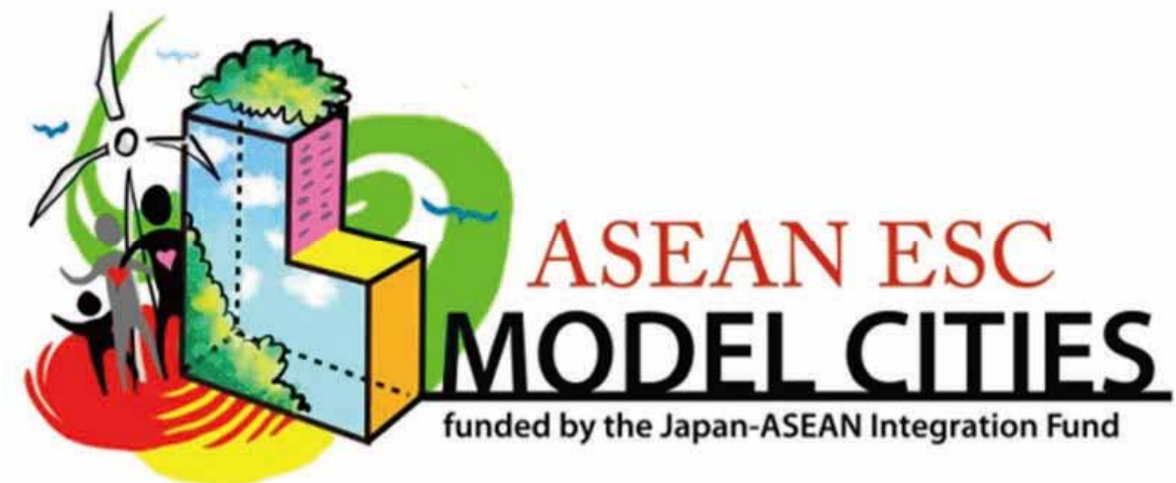


Kitakyushu Urban Centre Low Carbon Activities in Asian Cities



The ASEAN ESC Model Cities Programme is a regional initiative aimed at promoting the development of Environmentally Sustainable Cities (ESC) across ASEAN countries, raising local capacity for implementing innovative and voluntary bottom-up initiatives, as well as to strengthen national ESC frameworks and facilitating the replication and scaling up of good practices and policies within and across countries. This programme has been realised with the generous support of the Japan-ASEAN Integration Fund (JAIF).

2011 - 2012 ASEAN ESC Model Cities and Activities

MYANMAR

Selected trainees from 5 cities for water management training.



YANGON

-10-day training for 10 officials on sustainable water distribution and quality

THAILAND

Disseminated good ESC practices to other local governments.

MAEHONGSON

-Trained 6 communities in waste segregation and composting
-Launched a city-wide grease trap management campaign.



MUANGKLANG

-Trained city stakeholders on 'Green, Clean and Low Carbon' city development
-Trained farmers on sustainable urban organic agriculture.



PHITSANULOK

-Revised and enhanced the curriculum of the Phitsanulok Model of Community-based Waste Management and increased the number of trainers.
-The revised curriculum was piloted in two district municipalities, Wangthong and Nonthong.



CAMBODIA

Helped to streamline ASEAN ESC Indicators and framework into a new nationwide ESC Campaign.

SIEM REAP

-Waste segregation and composting projects in pilot communities.
-The 'Clean Environment Day' attracted hundreds of people from all sectors of society.



PHNOM PENH

Initiation of a pilot plastic bag reduction campaign, involving local government, communities and supermarkets



LAO PDR

Helped share best practices with cities across northern Lao

XAMNEUA

-Strengthened project management skills
-Mini demo-projects in waste management, wastewater treatment and urban greenery



PHILIPPINES

Orientated 16 local governments on the ESC framework and concepts.

PALO

-Piloted EM Bokashi composting in 16 communities -Established waste banks in schools involving several hundred local participants
-Increased awareness on environmental issues.



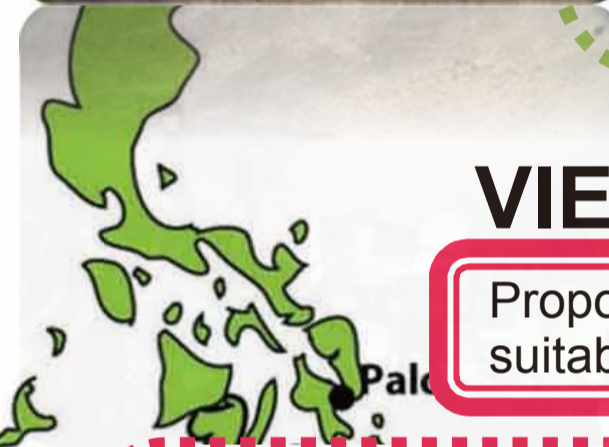
PUERTO PRINCESA

- Trained municipal officers and local communities on home and large-scale composting methods as well as low-cost and decentralised wastewater treatment.
- Special assistance was also given to develop model barangays / puroks (villages)



VIET NAM

Proposed a set of national ESC indicators suitable for Viet Nam's context.



CAO LANH

- Supported capacity building of municipal officers and raised the awareness, knowledge and capacity of city stakeholders as well as the general public on sustainable city development.



DA NANG

- Established a pilot Environmentally Friendly Residential Area in the City with the assistance of local stakeholders and communities.



INDONESIA

Contributed to a nationwide roll-out of piloting waste banks in 16 cities

PALEMBANG AND SURABAYA

-Establishment of pilot waste banks within these two cities, building on a successful waste bank model in Yogyakarta. - 5 pilots waste banks were established in Palembang and 50 in Surabaya.
- In Surabaya the waste bank establishment was incorporated into Surabaya's annual Green and Clean Contest.



MALAYSIA

Helped raise awareness of ESC among cities across Malaysia.

NORTH KUCHING

-Expanded the capacity and improved the techniques of the North Kuching city's composting centre and home-based composting campaign.
-Study tours to Nonthaburi, Thailand and Kitakyushu, Japan
-Achievements are being publicised by the national government through the national sustainable cities awards programme.



INTRODUCTION

Kitakyushu Urban Centre, IGES works to realise low carbon development across Asia through building capacity and finding and disseminating best practices. Two of its projects are showcased here – the ASEAN ESC Model Cities Programme and capacity building for low carbon development for 5 Asian cities – Cebu City, Philippines; Ho Chi Minh City, Viet Nam; Nonthaburi City, Thailand; Phitsanulok City, Thailand; Surabaya City, Indonesia

2014 - ASEAN ESC Model Cities and Activities

Country	City	Activity
Cambodia	Phnom Penh	Piloting legal measures for plastic bag reduction including plastic bag charges
	Pursat	Development of pilot model environmentally neighbourhood district in 7 communes focusing on proper SWM and public cleanliness
Indonesia	Balikpapan	Waste Bank Management and Plastic to Fuel training
	Lamongan	Establishing health insurance for waste bank members
	Malang	Community-based sanitation
	Tangerang	Community-based sanitation
Lao PDR	Luang Prabang	Decentralised Community-based Wastewater Treatment
	Xamneua	Decentralised Community-based Wastewater Treatment
Philippines	Legaspi	Orientation and Information Sharing on the activities conducted by the Climate Leadership Academy
	Santiago City (Luzon)	Composting (Takakura & Bokashi)
	San Carlos City, Negros Occidental (Visayas)	Wastewater treatment and air quality management study tours and training
	Chiang Rai Municipality	Low-carbon training towards the establishment of low-carbon communities, schools and temples
Thailand	Panusnikom Municipality	Green and Clean activities, public participation in community and schools; action, evaluation and awarding prizes.
	Pichit Municipality	Community-based solid waste management and water reuse
	Renunakon Municipality	Organic waste management in schools
	Nongteng Municipality	Community-based water supply management with solar cells
Viet Nam	Da Lat	Establishing a pilot systematic and safe system for waste pesticide 'wrappers' (packaging)
	Da Nang	Building a model Environmentally Friendly Suburb Residential Area

Capacity building on low-carbon city development for local governments in Asia

Background:

Local governments play an important role for realizing sustainable and low-carbon city development.

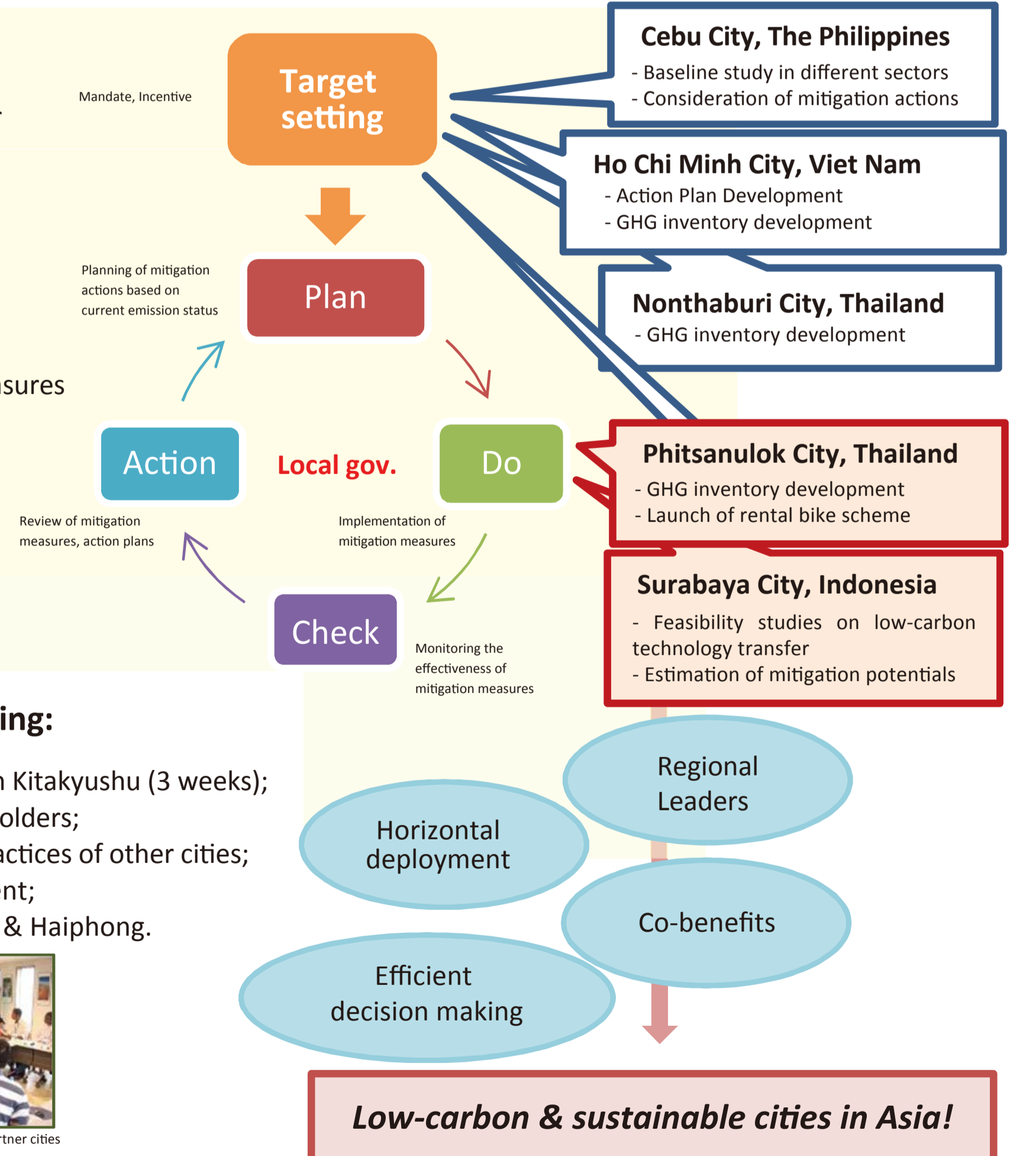
Needs & Gaps:

- ✓ Clear target setting (vision)
- ✓ Sustainable institutional setup
- ✓ Effective low-carbon policy & measures
- ✓ GHG accounting skills
- ✓ Awareness-raising

Capacity building In 5 partner cities

IGES KUC approach to capacity building:

- JICA NAMA/MRV Training Course in Kitakyushu (3 weeks);
- On-site workshop with local stakeholders;
- Baseline studies & sharing good practices of other cities;
- Support for action plan development;
- JCM feasibility studies in Surabaya & Haiphong.



IGES Sustainable Cities Area(Kitakyushu Urban Centre)/ E-mail: kitakyushu-info@iges.or.jp
Details available at <http://modelcities.hls-esc.org/>