



High Level Seminar on  
Environmentally Sustainable Cities  
2-4 March 2010, Jakarta/Indonesia

## CLEAN AIR FOR SMALLER CITIES IN THE ASEAN REGION

Overview and Status of the Programme  
3 March 2010

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Smaller cities play vital role in national development but...

- ... suffer often from extensive **environmental degradation**, the extend is often not even known,
- ... often inadequately considered in **overall development planning**
- ... often lack **financial resources**
- ... often lack strong and **effective administrative structures** and adequate numbers of **trained technical personnel**.





### The Framework

- ASEAN Initiative on Environmentally Sustainable Cities (AIESC) – 2003/05
- ASEAN Working Group on Environmentally Sustainable Cities (AWESC) (clean water, clean soil, clean air)
- ASEAN Secretariat requested the project from German Government in 2006
- The German Federal Ministry for Economic Cooperation and Development (BMZ) commissioned GTZ to execute the project in 2008



### Objective

Small and medium-sized cities are increasingly able to develop and implement measures to improve the air quality

### Indicators

- At least 10 cities (150,000 – 1.5 million inhabitants) have a Clean Air Plan (CAP)
- At least 7 cities are implementing CAPs

### Project Period

January 2009 – December 2012

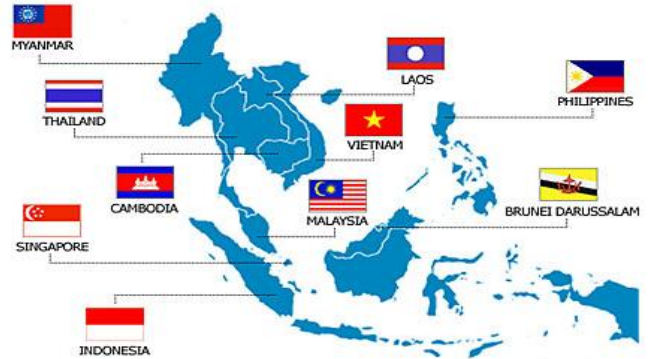
### Input from German Government

€ 2.5 mill./US\$ 3.4 mill.



## The Outputs

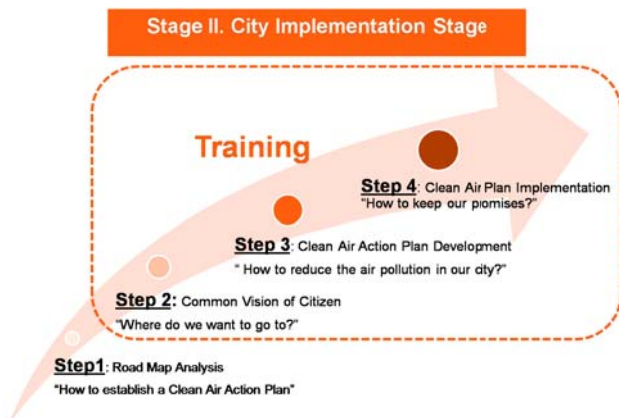
- Review/revision of existing or establishment of new Clean Air Action Plans
- Facilitation of public participation
- Support in the implementation and monitoring of the Action Plans
- Identification of co-benefits with climate change mitigation
- Support in finding financial assistance through e.g. Development Banks (definition of “packages”)
- Support to the Chair of AWGESG



7 countries participate: Cambodia, Indonesia, PDR Lao, Malaysia, Philippines, Thailand and Vietnam



## Stage II. City Implementation Stage



## The Road Maps towards a Clean Air Plan

- Preliminary analysis of the air quality in the city
- Preliminary analysis of the sources of air pollution
- Assessment of the potential for public participation
- Development of the lay-out and the table of content for a clean air plan (CAP)
- Determination of the required steps to establish a CAP (ca. 1 year)



## Key Issues of Road Maps and GTZ Support

- Development of stateholders' visions and goals
- Refinement of air quality monitoring data
- Establishment of preliminary emissions inventories
- Strengthening of stationary sources emissions enforcement
- Determination of urban transport improvements
- Integration of urban development and transport



## Project Status 2009 and 2010

Activity Country	City Selection	Road Map Missions	Vision and Goal Workshops	Emission Inventory	Refine AQ Monitoring	Preliminary Transport Improvements	National Workshop
Thailand	Chiang Mai (CM), Nakhon Ratchasima (NR) (06/09)	CM: 06/09 NR: 09/09	CM: prep. started in Oct. 09/ 3 Events in Jan/Feb/Mar NR: 06/2010	Start CM: 02/10 NR: 0/10	CM: Start 03/10 NR: Start 03/10	CM: Start 12/09 NR: Start 03/10	06/2010
Philippines	Iloilo (Ilo); Cagayan de Oro (CO) 09/09	Ilo: 10/09 CO: 05/10	Ilo: 05/10 CO: 07/10	Ilo: 04/10 CO: 06/10	Ilo: Start 05/10 CO: Start 04/10	Ilo: Start 04/10 CO: Start 04/10	Done in 10/09
Cambodia	Phnom Penh (PP) – 08/09	11/09	open	open	open	05/10	05/10
Lao PDR	Vientiane (V) 8/09	11/09	open	open	open	05/10	05/10
Indonesia	Solo (S); Palembang (P); 10/09	P: 02/10 S: 06/10	open	open	open	open	04/10
Vietnam	Bac Ninh (BN) Can Tho (CT) 01/10	2nd half 2010	open	open	open	open	tentatively 2nd half of 2010
Malaysia	No city selected yet	2nd half 2010	open	open	open	open	open



## Our Approach – Our Philosophy

- The ownership is with the cities
- Maximum use of national and local know-how
- High degree of public participation in planning and implementation
- Focus on the cities' possibilities  
“The low-hanging-fruits approach”



## The Regional Training Approach



## The Reality

- Most AQM courses were developed and delivered by experts from Europe and the United States
- Capacity building for delivery of training itself did hardly take place, no “home” for training
- Donor-financed AQM training activities usually one or two-time events, no follow-up, no evaluation of impact
- High “instructor-dependency”
- Lack of systematic needs assessment, course development and delivery
- **But external funds for training will most likely always be available.....**



## The Regional Training Approach

### The Vision

Training in clean air issues in the ASEAN Region is efficient, effective and sustainably organised

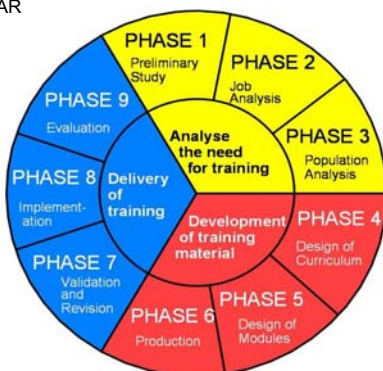


Call for a systematic training approach, e.g. TRAINMAR, following the UNCTAD Training Development Guidelines



## The Regional Training Approach

The TRAINMAR Method



## The Regional Training Approach

### Our Approach in Detail

- Develop a systematic needs analysis, based on a target-oriented training approach
- Eliminate “instructor-dependency”
- Provide high quality, “pre-fabricated” training material by specialised course developers
- Deliver training by experts trained as instructors, not by teachers and professors
- Give the regional training system a branding e.g. “TRAIN for Clean Air”



## The Regional Training Approach

### Our Approach in Detail (2)

- Establish a regional hub for course development and national networks of training centres
- Create a regional training system with clearly defined "Building Blocks", i.e. topics which could be developed independently from others
- Develop the basic Building Blocks with inputs from the GTZ
- Approach other donors to join in to finance the development of further Building Blocks
- Allow interested donors to finance delivery of courses properly announced in an annual training programme



## The Regional Training Approach

### Present Activities for Training in the Region:

- Course Developer Workshop – Bangkok December 2009
- Training Needs Analysis – February 2010
- Priority courses to be developed – as of April 2010
  - General AQ management for decision makers of smaller cities (1 day)
  - Emission inventories for smaller cities (2-3 days)
  - Air quality monitoring for smaller cities (2-3 days)
  - General AQM for NGOs in smaller cities (2-3 days)
  - Campaign planning and implementation for NGOs in smaller cities (2-3 days)
- First course deliveries October 2010



## Cooperation and Alliances

- Counterpart Organisation: ASEAN Secretariat
- Executing Agency: Secretariat of AWGESC
- National and international city associations
- Cooperation with Clean Air Initiative for Asian Cities (CAI Asia Centre)
- Asian Institute of Technology
- City Development Initiative for Asia (CDIA) - founded by German Government (BMZ) and ADB in Februar 2007
- Others, such as World Bank, ADB, EU, KfW, other donors





ASEAN – German Technical Cooperation  
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“I’m emitting a little bit of smoke only... “



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# Thank you!

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