6th High Level Seminar (HLS) on Environmentally Sustainable Cities (ESC)
Iskandar, Malaysia
9-10 February 2015

Thematic Session B:
Capitalizing on Opportunities for Air Quality Action

Roll-out of Clean Air Plan Development in the ASEAN Region
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Programme Director

ASEAN-German Technical Cooperation Programme
"Cities, Environment and Transport in the ASEAN Region"

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH - German International Cooperation

- Owned by the Federal Republic of Germany
- Organized as a private-sector entity
- Supports the objectives of the German government
- Operations in 130 countries and employs 17,000 staff
- Commissioned by public and private sector bodies inside and outside Germany
- Main commissioning party: the German Federal Ministry for Economic Cooperation and Development (BMZ)
ASEAN – German Technical Cooperation
Clean Air for Smaller Cities in the ASEAN Region

Programme area: 10 Member States, w/o Singapore and Brunei

ASEAN: Association of South-East Asian Nations

The Programme
“Cities, Environment and Transport” (€ 13.2 mil.)
Hosted by Thailand

Clean Air for Smaller Cities (CASC)

Transport and Climate Change (TCC)

Sustainable Port Development (SPD)

2009-2015
€ 5.48 mill.
8 countries –
12 cities

2013-2015
€ 2.5 mill.
5 countries

2009-2015
€ 5.2 mill.
7 countries –
11 ports
Objectives of individual CET programme components

**Transport and Climate Change**
- Improving the conditions for increasing energy efficiency and the reduction of greenhouse gas emissions for the land transport sector in ASEAN, by means of strategies and action plans.

**Clean Air**
- Clean Air Plans in smaller and medium-sized cities are under implementation.

**Sustainable Port Development**
- Selected ports have improved the quality and efficiency of their safety, health and environmental management.

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Working Levels

**Regional (ASEAN bodies)**
- CASC
- SPD
- TCC

**National (ASEAN Member States)**
- CASC
- SPD
- TCC

**Subnational (Cities, Ports)**
- CASC
- SPD

CASC: Clean Air for Smaller Cities
SPD: Sustainable Port Development
TCC: Transport and Climate Change
Clean Air for Smaller Cities

Countries
Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Vietnam; 12 cities in 8 countries

Overall Project Objective
To develop clean air plans (CAP) for smaller cities and support implementation

Indicators
1. At least 11 smaller and medium sized cities (0.2 - 1.5 mill. inhabitants) have developed CAPs
2. In at least 7 cities, CAPs are under implementation
3. ....
4. ....
5. ....
Selected key activities

• Road Map elaboration
• Public participation e.g. Vision and Goals Workshops
• Refinement of air quality monitoring data

Some activities:
• Selection of hot-spots in cities
• Up-grade of existing mobile station
• Interpretation of data
• Monitoring plans with “found” equipment
• Use of “rented” portable equipment

Selected key activities

• Road Map elaboration
• Public participation e.g. Vision and Goals Workshops
• Refinement of air quality monitoring data
• Emission inventory development
Selected key activities

- Road Map elaboration
- Public participation e.g. Vision and Goals Workshops
- Refinement of air quality monitoring data
- Emission inventory development
- Immediate action plans
- CAP development
- Training development

Courses (T4CA) developed

<table>
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<th>General AQ management for decision makers in cities</th>
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<td>Emission inventories for cities</td>
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<td>Air quality monitoring for cities</td>
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<td>General AQM for NGOs</td>
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<td>Effective Communication for NGOs on Air Quality Management</td>
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Project Impacts in Numbers

- 13 self-financed emission inventories in Indonesia, 2 in the Philippines
- 6 Clean Air Plans under implementation through local decrees and budget allocation
- 4 national training hubs
- 1 university integrated AQMt in curricula
- 1 handbook on emission inventory development in Indonesia, decree for national standard to be issued
The Programme
“Cities, Environment and Transport” (beyond 2015)

Transport and Climate Change (TCC)

Sustainable Mobility in Metropolitan Regions (SMMR)

Approach:

- “Coaching the mayors”: Dialogue-oriented information and discussion events with high-level decision makers of metropolitan regions; the project offers int’l know-how
- “Better neighborhood”: Exemplary solutions for urban and suburban districts considering sustainable development principles,
- “Science based capacity building”: Selected universities in the ASEAN-Region team with int’l acknowledged urban transport scientist in lecturing and public hearings.
ASEAN – German Technical Cooperation
Clean Air for Smaller Cities in the ASEAN Region

The Grace of Regional Projects

- Regional integration at working level
- Sharing the same problems helps finding same solutions
- Stronger countries help weaker ones (“south-south” cooperation)
- Exchange of experts
- Economies of scale (once developed – applied 10++ times)
- Harmonisation of approaches and methods (“same standards”)
- Mainstreaming of environment and climate issues in the ASEAN bodies and “trickle-down” to member state authorities

Thank you!

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www.CitiesForCleanAir.org
www.CitiesEnvironmentTransport.org