



ASEAN – German Technical Cooperation giz
Programme on Cities, Environment and Transport

**3rd High Level Seminar on
Environmentally Sustainable Cities**

**The ASEAN-German
Technical Cooperation Programme
Cities, Environment and Transport**

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GIZ – German International Cooperation
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**Cities, Environment and Transport
in the ASEAN Region**

1. Clean Air for Smaller Cities in the ASEAN Region – 7 Countries - 2009 – 2012 (extension available)
2. Sustainable Port Development – 6 Countries – 2009 – 2012 (extension available)
3. Energy Efficiency and Climate Change Mitigation in the Transport Sector – 5 Countries – ready to take off – 2012 - 2014



Clean Air for Smaller Cities (CASC) – (€ 2.5 mil)

- **Hosted by the Pollution Control Department (PCD), Thailand**
- **7 countries: Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Thailand, Vietnam**
- **11 participating cities**



The Project Objective

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

The Indicators

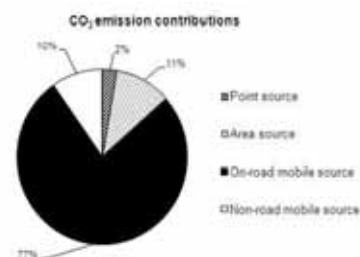
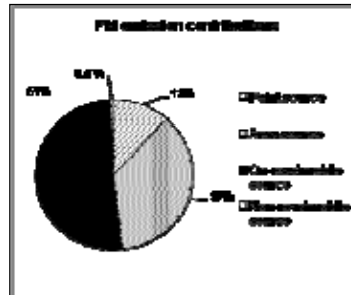
- **Clean Air Plans (action plans) are available for at least 7 cities (200,000 – 1.5 million inhabitants) and**
- **in at least 4 cities the plans are under implementation.**

Indicators will be more specifically defined for each city action plan and monitoring systems will be introduced at city level to follow-up implementation compliance.



Key Activities

- Public participation e.g. Vision and Goals Workshops
- Emission inventories ready in 2 cities, ongoing in 4 cities
- Refinement of air quality monitoring data – presently hot-spot monitoring in 4 cities
- Immediate action programmes e.g. transport
- Long-term planning => Clean Air Plans



Other Activities

- Regional Training Programme – development of 5 priority courses; training started in January 2012
- Vehicle emission model (MOBILEV) adopted to Asian requirements and used



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Activity Country/City	City Selection	Road Map Missions	Vision and Goal Workshops	Emission Inventory	Refine AQ Monitoring	Preliminary Transport Improvements	National Workshop	Draft CAPs
Thailand	Chiang Mai (CM), Nakhon Ratchasima (NR) (06/09) Challenges:	CM: 06/09 NR: 09/09	CM: Start 10/09 3 Events in Jan/Feb/Mar NR: Start 06/10 NR: Finish 01/11	CM: Finish 11/11 NR: Finish 11/11	CM: Start 03/10 NR: Start 03/10	CM: 12/11 NR: 12/11 CM: Finish 05/11 NR: Finish 10/11	08/10 Plan for July 2012	CM: Start 09/11 Finish 06/12 NR: Start 03/12 Finish 08/12
Philippines	Iloilo (Ilo); Cagayan de Oro (CO) 09/09	Ilo: 10/09 CO: 05/10	Ilo: 11/10 CO: 11/10	Ilo: ongoing CO: ongoing	Ilo: Start 05/10 CO: Start 04/10	Ilo: Start 04/11 CO: Start 04/11	10/09	open (2012)
Indonesia	Solo (S); Palembang (P): 10/09	P: 02/10 S: 01/11	S: 07/11 P: 10/10	S: open P: 09/11	S: open P: Start 05/11	open	04/11	open (2012)
Malaysia	Melaka	02/12	open	open	open	open	Open	Open
Vietnam	Bac Ninh (BN) Can Tho (CT)	Bac: 1 st half 2012 Can: 2 nd half 2012	To be discussed	Bac: 2 nd half 2012	Bac: 2 nd half 2012	Bac: 2 nd half 2012	Open	Open (phase II)
Cambodia	Phnom Penh (PP) – 08/09	11/09	NA	Open (phase II)	Open (phase II)	Start 04/11 Complete for EST 02/12	Open (phase II)	Open (phase II)
Lao PDR	Vientiane (V) 08/09	11/09	NA	1 st half 2012	1 st half 2012	Start 08/11 Finish 04/12	04/2012 (Nat. Steering Committee Meeting)	Open (phase II)



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Sustainable Port Development (SPD) – (€ 2.5 mil)

- Hosted by the Port Authority of Thailand (PAT)
- 6 countries: Cambodia, Indonesia, Malaysia, Philippines, Thailand, Vietnam
- 9 participating ports



The Project Objectives

Phase-1 objective (after 3 years):

Selected ports comply with relevant international environmental and safety standards and conventions

Overall objective (after 6 years):

Selected ports have improved the quality and efficiency of their environmental and safety management systems.

Three relevant project elements:

- Adoption of national legislation to international standards and regulations
- Strengthening of enforcement capacities of participating ports, including personnel abilities and procedures
- Organisation, management and implementation of training measures at regional and local level



Key Activities

- Advisory Services towards Port Safety, Health and Environmental Management Systems (PSHEM) in cooperation with PEMSEA
- Emission inventories for ports
- Transport management schemes within and to and from the ports
- Regional Training Programme – development of 5 priority courses; to start in May 2012 – following the same methodology as CASC
- In future:
 - more involvement of the national level
 - understanding ports and their corporate social responsibility for their “hosting” cities



**Energy Efficiency and Climate Change
Mitigation in the Land Transport Sector
(EE & CC Transport) - €2.5 mill.**

- Requested by ASEAN (Land Transport Working Group) from German Government – GIZ commissioned to execute the project in January 2012
- hosted by the Office of National Environmental Planning and Policy (ONEP)
- 5 countries: (Indonesia, Lao PDR, Malaysia, Philippines, Thailand, Vietnam)



The Project Objective

Strategies and action plans towards the improvement of energy efficiency and the reduction of greenhouse gas emissions for the land transport sector are developed, implemented and monitored (“MRV”).

Focus on 5 ASEAN Member States:
Indonesia, Malaysia, Philippines, Thailand and Vietnam



Indicators (until end of 2014):

- Guidelines and templates for national policies and action plans are adopted by relevant ASEAN bodies and applied by the Member States
- Action plans and measures (e.g. NAMA, low-carbon strategies) are initiated in five countries and implemented according to national plans in at least three ASEAN Member States
- Relevant ASEAN bodies (environment, climate change and transport) agree on a regional policy to increase energy efficiency and reduce greenhouse gas (GHG) emissions in the land transport sector



Key Activities to be provided at regional, national and local level

- Assisting agencies to understand the nature of challenge posed by transport-related GHG and other emissions;
- Developing a comprehensive menu of policies, strategies and measures for addressing these challenges;
- Identifying measures that can achieve ‘quick wins’ at low cost but also pave the way for more comprehensive emissions mitigation;
- Strengthening ASEC’s role to assist member countries and to support the adoption of a comprehensive regional GHG mitigation strategy in the land transport sector;
- Providing sustained technical advice to relevant ASEAN bodies (STOM, ASEAN LTWG, AWGCC) and coordination with other related ASEAN Working Groups, e.g. on Environmentally Sustainable Cities (AWGESC);



Key Activities to be provided at regional, national and local level

- **Capacity building** at all levels based on a diagnosis of key needs by using a standardised training programme for ASEAN member countries;
- **Dissemination and outreach**, e.g. to assist in building awareness in the region, to communicate best practices and to provide a knowledge base for communities throughout ASEAN and beyond;
- **Strong cooperation and forming partnerships with other donors** that implement projects in the land transport sector in ASEAN;
- **Strong collaboration with existing structures** such as the projects Clean Air for Smaller Cities and Sustainable Port Development in the ASEAN Region under one management and other related initiatives that work on a local level such as CDIA and CAI Asia.



Activities at National Level

- Inception/facilitation of **stakeholders dialogue** on national levels
- Support **NAMA development** including procedures for MRV
- Organize national workshops to **prioritize measures**
- Establish stakeholder **working group on transport and CC**
- Awareness/training, administrative support
- Consensus building, facilitation, administrative support
- Develop **pilot projects** to be implemented by **ongoing projects of the programme**
- **Integration of EE/CC policy into roadmaps** of the transport sector
- Improve **quality of data**



The Key Instruments:

- Ownership-building country workshops
- Multi-level approach: regional – national – local
- Predictable regional workshops back-to-back with existing meetings
- Establish coalitions/”Union of Concerned Scientists”
- Structured partnerships with other programmes
- Study tours
- Establish study fund / ASEAN partner involvement for appraisal



The Actual Status/Next Steps:

- Selection of international and regional/local experts - February – May
- Set-up of a management structure (ASEAN, member states, GIZ)
- Regional Kick-off Workshop (back-to-back with other events) – Member States (ministries of environments and transport, donor agencies) – May/June 2012
- Series of national workshops/conferences – 2012/2013 development of work plans and ToR for expert work



The German Input for the Programme

- **Clean Air for Smaller Cities (€2.5 mil. + €2.5 mil.) :**
 - 2 seconded international experts, 1 regional, 5-7 national experts
 - international, regional and national short-term experts
 - funds for conferences and regional training
- **Sustainable Port Development (€2.5 mil. + €2.5 mil.)**
 - 2 seconded international experts, 1 regional, 2 national experts
 - international, regional and national short-term experts
 - funds for conferences and regional training
- **Energy Efficiency and Climate Change Mitigation (€2.5 mil.)**
 - 2 seconded international experts, 1 regional and 5 national experts
 - international, regional and national short-term experts
 - funds for conferences and regional training



THANK YOU

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