



ASEAN – German Technical Cooperation
Programme “Cities, Environment and Transport”



UNESCAP and UN-Habitat
National Capacity Building Workshop
on Sustainable and Inclusive Transport Development
Vientiane Capital, 3-4 July 2014

Clean Air for Smaller Cities in the ASEAN Region

Roland Haas (GIZ)



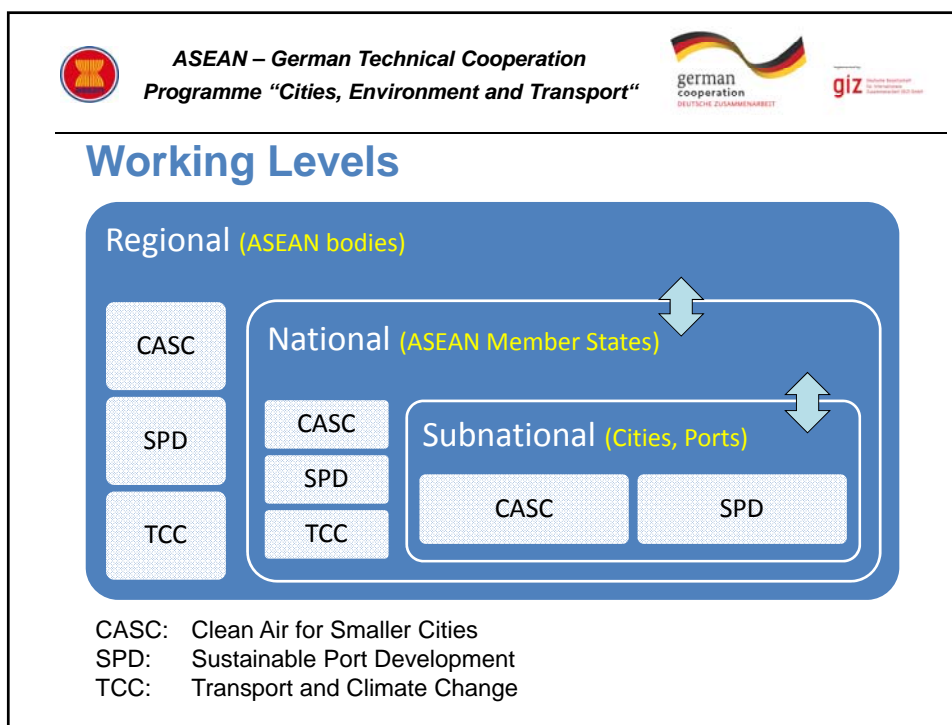
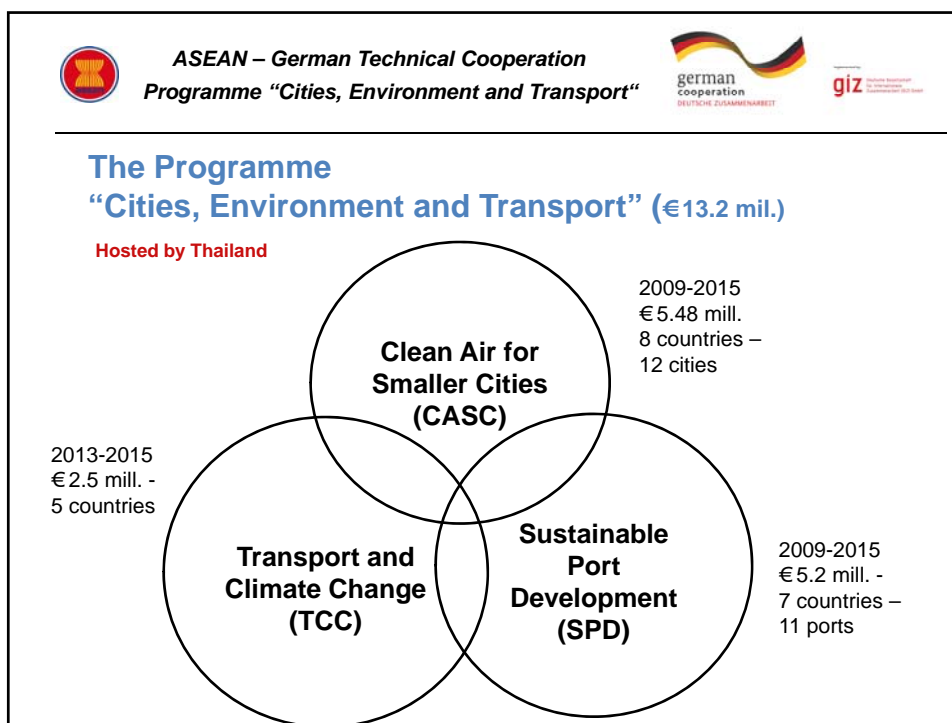
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Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



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- 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)**





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Clean Air for Smaller Cities



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Clean Air for Smaller Cities

Countries

Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Vietnam; 12 cities

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 m inhabitants) have developed CAPs and 7 are under implementation
2. At least three cities that were not beneficiary cities of the project implement clean air measures
3. Two national environmental agencies developed a concept to strengthen the legal basis to improve air quality
4. Four regional institutions have included one or more training modules of “Train-for-Clean-Air” in their training programme and market it professionally



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Selected key activities

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



PM₁₀
PM_{2.5}
PM₁
mass
particle

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

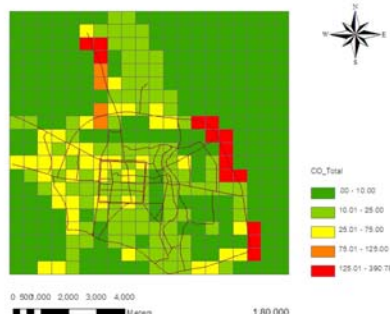
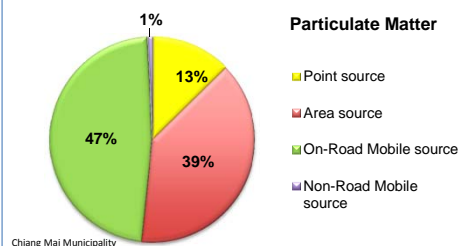


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- Public participation e.g. Vision and Goals Workshops
- Refinement of air quality monitoring data
- Emission inventory development
- Immediate Action Plans
- CAP development
- Training development



Systematic Training Approach

Courses (T4CA) developed

General AQ management for decision makers in cities
Emission inventories for cities
Air quality monitoring for cities
General AQM for NGOs
Effective Communication for NGOs on Air Quality Management



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Status by Country and City

Activity	City Selection	Road Map Missions	Vision and Goal Workshops	Emission Inventory	Refine Air Quality Monitoring	Transport Review	National Workshop	CAPs
Country								
Thailand	Chiang Mai (CM), Nakon Ratchasima (NR) (06/09)	CM: 06/09 NR: 09/09	CM: 10/09 NR: 06/10 and 01/11	CM: Finish 11/11 NR: Finish 11/11	CM: Start 03/11 NR: Start 03/11	CM: 05/11 NR: 10/11	08/10	CM: Draft 09/11 Final 06/12 NR: Draft 07/12 Final 10/12
Philippines	Iloilo (Ilo) and Cagayan de Oro (CO) 09/09	Ilo: 10/09 CO: 05/10	Ilo: 11/10 CO: 11/10	Ilo: Finish 05/14 CO: ongoing	Ilo: Start 05/10 CO: Start 04/10	Ilo: 04/11 CO: 04/11	10/09	Ilo: Final 06/14 CO: Final 08/14
Indonesia	Solo (S); Palembang (P): 10/09	P: 02/10 S: 01/11	P: 10/10 S: 07/11	P: Finish 06/13 S: ongoing	P: Start 05/11 S: Start 11/13	open	04/11	P: Final 05/14 S: Final 09/14
Malaysia	Melaka	02/12	NA	Start in 04/14	01/2013	08/2013	open	open
Vietnam	Bac Ninh (BN) Can Tho (CT)	BN: 07/12 CT: 09/13	NA	BN: ongoing CT: open	BN: 01/14 CT: 05/14	BN: 08/13 CT: open	06/14	open
Cambodia	Phnom Penh – 08/09	11/09	NA	Start in 05/14	open	Start 04/11 Complete for EST 02/12	open	open
Lao PDR	Vientiane – 08/09	11/09	NA	ongoing	07/ 2014	Start 08/11 Finish 04/12	04/2012 (Nat. Steering Committee Meeting)	open
Myanmar	Yangon – 08/13	NA	NA	open	08/13-12/14	NA	NA	open



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Status in Vientiane

Activity Country	City Selection	Road Map Mission	Vision and Goal Workshop s	Emission Inventory	Refine Air Quality Monitoring	Transport Review	National Workshop	CAPs
Lao PDR	Vientiane - 08/09	11/09	NA	ongoing	07/ 2014	Start 08/11 Finish 04/12	04/2012 (Nat. Steering Committee Meetings)	open



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**Recommendations on Public Transport in Vientiane
Capital (GIZ, April 2012)**

-1-

Strategic

- Focus to be on institutional/regulatory change and capacity building, infrastructure improvements, traffic management or bus service improvements covered by others donors

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_5340

