

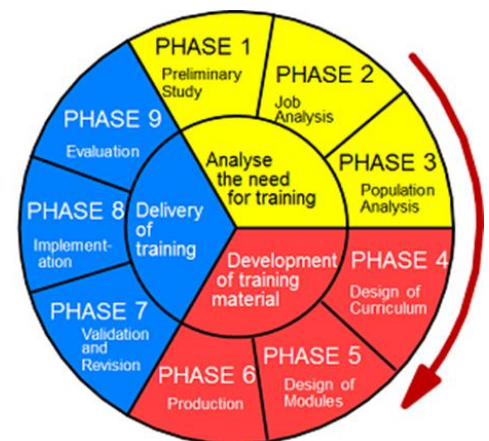


Regional Training Approach Train for Clean Air (T4CA)

Background

The project 'Clean Air for Smaller Cities in the ASEAN Region' (CASC) is funded by the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the German International Cooperation (GIZ). The project started in 2009 and will continue its activities until the end of 2015. As of 2012, the project is part of the programme 'Cities, Environment, and Transport in the ASEAN Region'.

CASC has developed and implemented the regional training approach using the materials-based TRAIN-X methodology. A Course Developer Workshop was organized jointly with the Asian Institute of Technology (AIT) in December 2009, with participants from all over Asia who would later be involved in actual course development for CASC. A Training Needs Assessment workshop, gathering course developers, AQM experts and city officials from across ASEAN took place in February 2010. The workshop was organised as a 'Design a Curriculum' (DACUM) session bringing together subject-matter experts from cities and course developer experts.



9 phases of TRAIN-X methodology

T4CA Course Materials

In 2011, five priority course packages were developed by 5 course development teams, under the coordination of the CASC project team. The course packages were validated and revised, in accordance with the phase 7 of the TRAIN-X methodology and later on offered to a wide audience for delivery. Under the training package 'Train for Clean Air' (T4CA), five courses were developed so far, namely:

- i) Key issues of air quality management for decision-makers;
- ii) Basic air quality monitoring procedures for technical officers;
- iii) Emission inventories for technical officers;
- iv) Key issues of air quality management for "influencers" such as media, civil society and NGOs; and
- v) Effective communication strategies for better air quality.

Training of the Trainers

A group of professionals from all over Asia was trained as T4CA course instructors in accordance with the TRAIN-X methodology. Some of them have already co-delivered or redelivered T4CA packages, either in English or in their own language. Most trainers have entered into a partnership with CASC to be authorised to re-deliver T4CA courses. Up to now, there are up to 23 instructors available for the training partners.



T4CA Courses Delivery (as of June 2014)

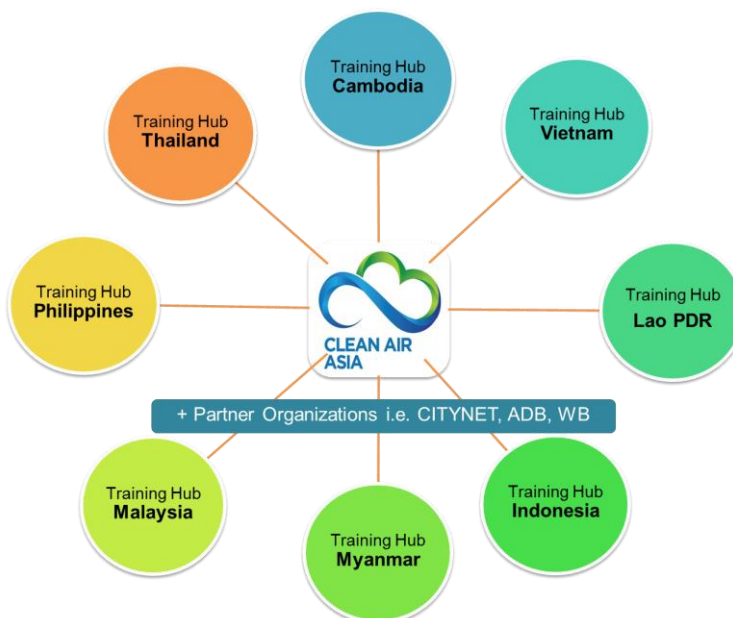
So far, over 601 individuals have joined one of the 28 times of T4CA courses delivered in Indonesia, the Philippines, Singapore, South Korea, Thailand, and Vietnam. A number of trainings were co-financed and co-organised between the project and the training partners from regional and national levels.

T4CA Courses	Target Populations	Duration	Training Deliveries		
			Countries	Date, Year	# of Participants
T4CA1: General Air Quality Management for Decision Makers of Smaller Cities	Decision makers (e.g. Mayors, Chief Administrative Officers, Heads of Department)	0.5- 1 day	Philippines	Apr'12	14
			Singapore	Jul' 12	11
			Viet Nam	Mar' 13	30
			Indonesia	Jun' 13	26
			Thailand	Aug'13	18
			South Korea	Nov'13	11
			Indonesia	Feb'14	13
			Singapore	Jun'14	12
T4CA2: Air Quality Monitoring for Smaller Cities		3 days	Indonesia	Jul'13	26
			Indonesia	Jul'13	25
			Thailand	Mar'13	32
			Thailand	Aug'13	20
T4CA3: Emission Inventories for Smaller Cities	Technical Officers	3-4 days	Philippines	Mar'12	18
			Thailand	Jun'12	13
			Lao PDR	Dec'12	30
			Malaysia	Feb'13	21
			Thailand	Mar'13	29
			Vietnam	Apr'13	30
			Thailand	Aug'13	23
			Indonesia	Jul'13	26
			Indonesia	Jul'13	35
			Philippines	Dec'13	40
T4CA4: General Air Quality Monitoring for NGOs in Smaller Cities	Influencers (e.g. NGOs, Media, Civil Society, Community Leaders)	2 days	Indonesia	Mar'12	20
			Thailand	Aug'13	18
			Philippines	June'14	30
T4CA5: Effective Communication for NGOs on Air Quality Monitoring		2 days	Thailand	Jan'12	12
			Thailand	Aug'13	18



Institutionalisation

Currently, the project focuses on identifying regional and national training partners for the institutionalisation of T4CA in the ASEAN region. At the regional level, 'Clean Air Asia' was identified as a strategic partner for technical and administrative backing, respectively. On the national level, the project has so far identified the training centre of the Indonesian Ministry of Environment and the National Municipal League of Thailand (NMLT). Both institutions already deliver training courses on a regular and cost-sharing basis with the project. The national training partners will also regularly update the materials and adopt them to the local circumstances.



Clean Air Asia (CAA) will support the operation of the national hubs in terms of future course development, update and the upgrade of current courses, quality control, promotion, as well as with the development of a financing model. The CAA will also develop a new T4CA courses in line with the recent training needs assessment in 2012. The table below is the institution of the selected national training hubs and partners.

COUNTRY	INSTITUTION (NAME + ACRONYM)
Thailand	<u>Training hub</u> National Municipal League of Thailand (NMT) <u>Training partners</u> Thailand Greenhouse Gas Management Organization (TGO) Environmental Research Training Centre (ERTC), Department of Local Administration (DOLA), King Prajadhipok's Institute (KPI), GIZ Bangkok Office, AIT
Cambodia	<i>To be selected</i>
Viet Nam	Vietnam Environment Administration (VEA) or City League of Vietnam
Malaysia	<i>To be selected</i>
Indonesia	<u>Training hub</u> Ministry of Environment (MoE) Training Centre, <u>Training partners</u> Association of Indonesian Municipalities (APEKSI), Indonesian Society of Sanitary and Environmental Engineers (IATPI)
Philippines	<i>The CAA team will finalize the potential options for institutionalisation by the end of 2014.</i>
Lao PDR	<i>To be selected</i>
Myanmar	<i>To be selected</i>