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Hands-on Training on Sustainable Transport Indicators for Malaysia

Sustainable Transport Indicators for ASEAN

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Kuala Lumpur, Malaysia

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ASEAN-German Technical Cooperation Project
“Energy Efficiency and Climate Change Mitigation in the Land Transport
Sector”



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About GIZ

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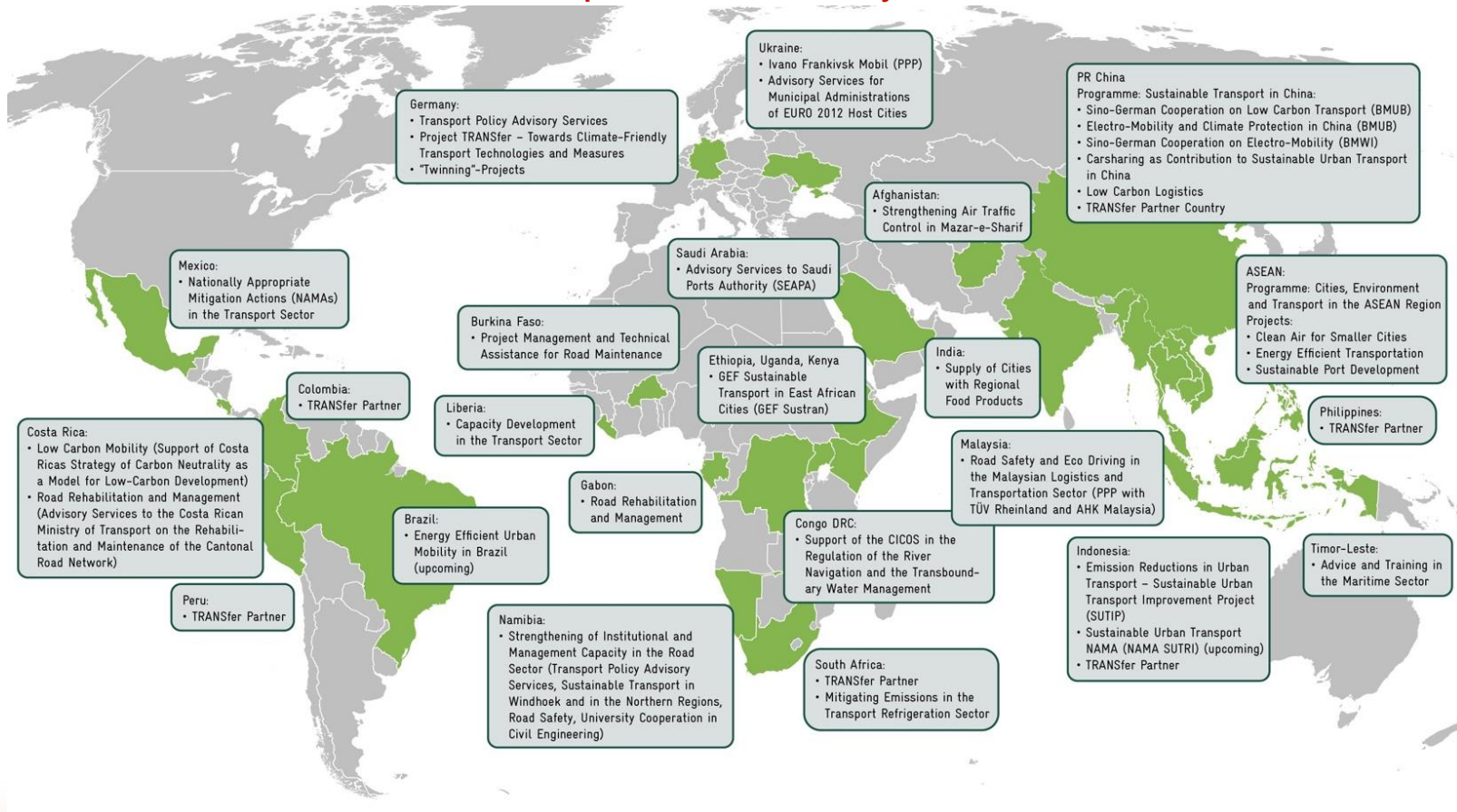


- GIZ's purpose is to promote international cooperation for sustainable development.
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About GIZ

Current Activities in the Transport and Mobility Sector





Energy efficiency and climate change mitigation in the land transport sector in the ASEAN region

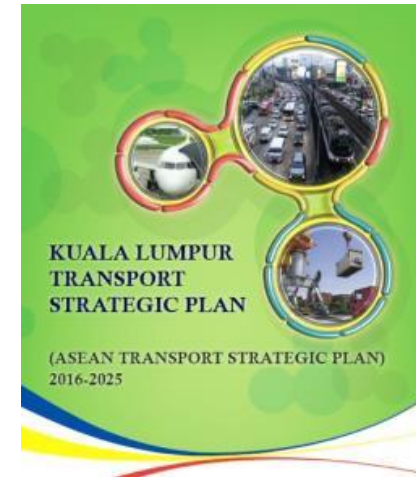
In short: Transport and Climate Change (TCC)

- **Objective:** The region has strategies and action plans with which it can enhance energy efficiency in the transport sector and reduce the emission of greenhouse gases (GHG).
- **Overall term:** 2012 – 2015 (phase I); 2016 – 2018 (phase II)
- **Budget:** € 2.5 million for phase I; € 3.5 million for phase II
- **Commissioned by:** German Federal Ministry for Economic Cooperation and Development (BMZ)
- **Partner countries:** Indonesia, **Malaysia**, Thailand, the Philippines, Vietnam



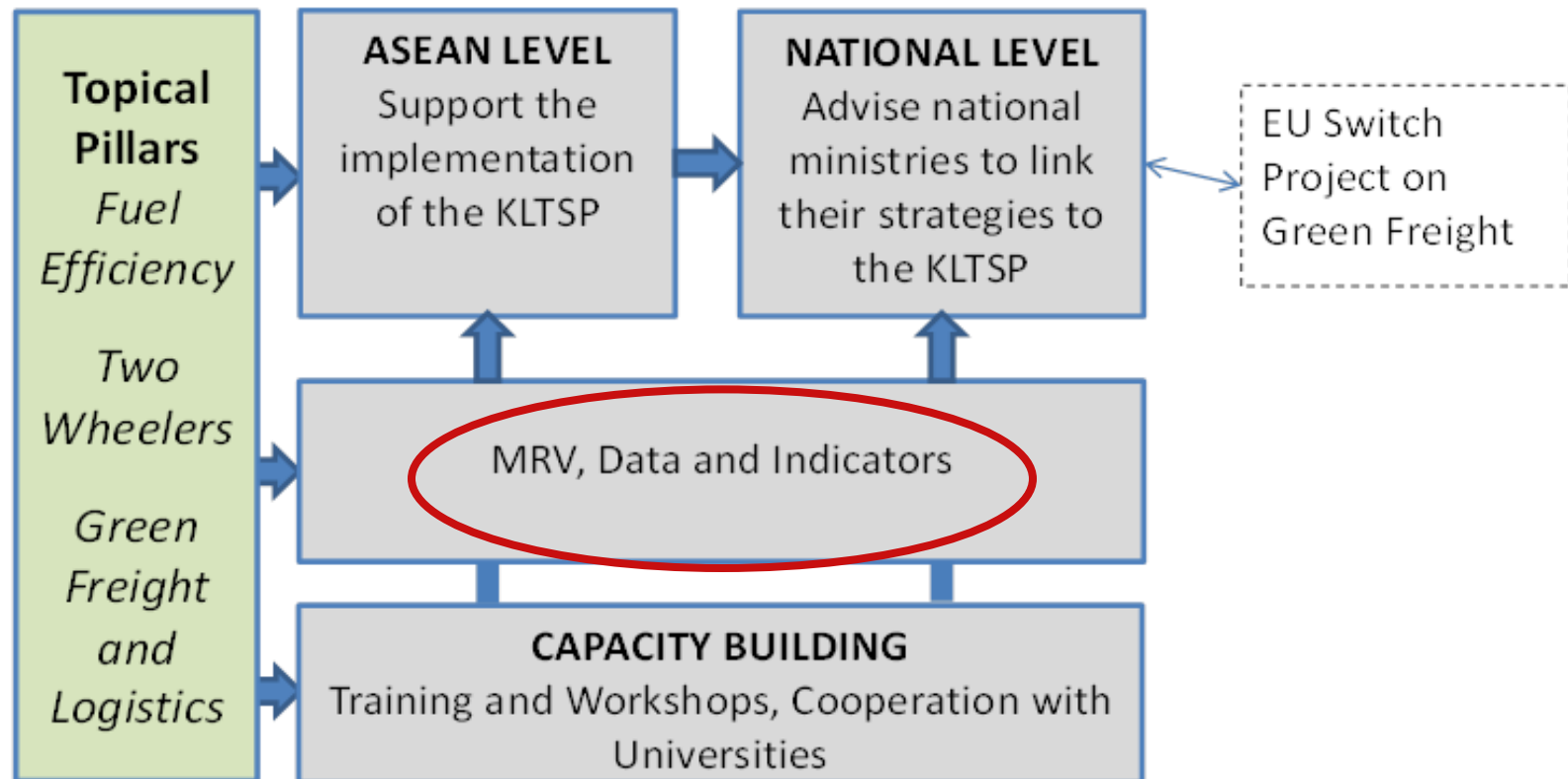
TCC and Kuala Lumpur Transport Strategic Plan (KLTSP)

- ASEAN's Regional Transport Strategy (2016-2025)
- Successor of the Brunei Action Plan
- Has a chapter on sustainable transport
 - Includes objectives and milestones on fuel economy, green freight and sustainable transport indicators
- Key reference for TCC II activities
- Support alignment of national policies with regional guidance in the five partner countries: Indonesia, **Malaysia**, Thailand, the Philippines, Vietnam





TCC II (2016-2018) Workpackages





Sustainable Transport Indicators for ASEAN

Why do we need indicators?

- **Background:**
 - Comprehensive transport-related data are useful for many types of decision making and to monitor impact on emissions.
 - Harmonised indicators and data are needed for international reporting mechanisms (Monitoring, Reporting and Verification (MRV)) for a number of concepts (NDC, NAMA, SDG)
 - However, current data for tracking progress towards sustainable transport is insufficient and lacking consistency and quality control



KLTSP alignment: Sustainable Transport Indicators

ST-2.3: Develop monitoring framework and harmonised approach for indicators on energy and GHG emissions in the transport sector

Section	Goals and actions
ST-2.3.1	Carry out workshop and study on potential indicators and monitoring
ST-2.3.2	Adopt an action plan to develop and operationalise indicators (and/or) Guidelines on monitoring and indicators
ST-2.3.3	Support data compilation on transport indicators





Sustainable transport indicators

Benefits for Malaysia

- Ability to track CO2 emissions and other transport related emissions efficiently and in a consistent manner
- Ability to prove impacts of mitigation actions not only nationally, but regionally and internationally to act up to the pledges of the Paris agreement and NDCs
- Capacity building and knowledge transfer, can also be passed on to other members of ASEAN and increase the status of Malaysia (as lead country for KLTSP ST3 = Enhance human resource activities and institutions for sustainable transport system)



Status quo (1)

Development of sustainable transport indicators for ASEAN

- **1st scoping workshop on sustainable transport indicators, August 2016 in Jakarta**
 - Brought together stakeholders from the ASEAN region working at the intersection of transport, energy and environmental disciplines.
 - First step towards development of the monitoring framework and harmonised approach for indicators on energy and GHG emissions in the transport sector as outlined in KLTSP.





Status quo (2)

Development of sustainable transport indicators for ASEAN

- 2nd workshop on sustainable transport indicators, November 2016 in Kuala Lumpur
- Main findings and way forward: „*Start with what you have*“
 - Key elements for the guidelines / action plan were discussed and requested by the participants, e.g. standardised templates for clear definition and understanding of the indicators
 - The possibility of sharing of ideas, knowledge and also technical tools among AMS was emphasised by the participants





Next steps

Sustainable Transport Indicators and MRV in Malaysia

- 3rd regional workshop on sustainable transport indicators in March 2017 in Bangkok
- Regional guidelines as a reference document in the future
- TCC can support the process by reviewing **documents and plans**, giving guidance on processes and organising workshops, **training and facilitating exchange** with other agencies and ministries in Malaysia and beyond



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Energy Efficiency and Climate Change Mitigation in the Land Transport Sector in the ASEAN Region

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Project Overview
In order to move towards sustainable transport in the ASEAN region, this project aims at improving energy efficiency and thereby mitigating greenhouse gas emissions arising from land transport. This requires comprehensive strategic orientation of decision makers at the level of national, regional and local governments.
More.

Transport & Climate Change
A certain level of mobility creates benefits for economic and social development, however the current trends in the transport sector in Asia are unsustainable. Having the 2nd largest vehicle fleet in Asia just after China, ASEAN already faces serious problems including congestion, fossil fuel consumption, air pollution and road safety.
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As a federal enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

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