



AGENDA

Technical Training Workshop on GHG emissions quantification and prioritizing policies, actions and measures in the transport sector for Asia-Pacific

*9 to 11 May 2023
Ha Long, Vietnam*

Objective and expected outcomes

The technical training workshop will aim to prepare and improve the capacity of the national agencies/authorities within some of the developing countries that are Party to the Climate change Convention and Paris Agreement in the Asia-Pacific region. Thereby enhancing their capacities in the transport sector in GHG inventory preparations and tracking progress and achievement of transport sector NDC targets in line with the provisions of the Enhanced Transparency Framework Modalities, Procedures, and Guidelines, decision 18/CMA.1 and its annex. The workshop will use case studies on actual situations; exercises and group discussions to exchange experiences and knowledge in order to enhance the technical capacity of experts from developing countries to assess sectoral GHG emissions, determine potential mitigation options, factoring in climate change adaptation components, and provide robust information for further decision-making by policy-makers to enable successful implementation.

Approach

The technical training workshop will be held in a manner that engages participants in interactive discussions and exercises to the extent possible, and will be achieved by:

- Introducing participants to professional good practices in developing baseline and mitigation scenarios for the transport sector
- Introducing processes for the identification and prioritization of climate actions in the transport sector, taking into consideration the national development priorities and the UN SDGs;
- Engaging the participants in exchange of experiences and lessons learned to enhance climate action implementation through interactive discussions;
- Introducing participants to the benefits of national and international reporting.

The training workshop will be structured into three phases – preparatory, training and follow-up – that span over three days. The training itself will be held from 9 to 11 May. The training materials and presentations will be made available to all participants.

Programme Details

Preparatory phase

Participants are provided with the introductory materials and a survey, and are strongly encouraged to self-study the materials, pose questions and expectations via e-mail/survey

Workshop phase: See agenda below

Follow-up phase:

Feedback from workshop participants will be analysed to improve further training activities. In addition, participants will implement what they have learned from the workshop and have the opportunity to ask UNFCCC and GIZ questions within a one-month period from the close of the workshop.

Workshop Agenda

Time	9 th May 2023 (Tuesday, Day 1): Official opening - Starting the analysis
08.00-08:30	Registration
08:30- 08:45	Introduction <i>Introducing objective, agenda, introduction of participants (Paponghanai Nanthachatchavankul)</i>
08:45- 09:00	Welcome remarks <i>(Representative MOT Viet Nam and GIZ and UNFCCC)</i>
09:00-09:30	Introduction of participants <i>Workshop participants (Name, country, work responsibilities on climate & transport, expectations (Stefanie Sohm)</i>
09:30-10:00	Understanding the Context <i>The Paris Agreement; NDCs; link to SDGs and development planning, Enhanced Transparency Framework (Marlan Pillay)</i>
10:00- 10:25	Interactive Exchange <i>Were you involved in the first NDC development? Are you involved in the development of the second NDC? The case for urgency of climate action (Daniel Bongardt)</i>
10:25 -10:35	Tea/Coffee break
10:35-11:00	Recap: The role of transport <i>Role of transport in climate change and SDGs; why baselines and quantification of mitigation potential make sense; link to climate finance; adaptation, just transition (Marlan Pillay)</i>
11:00- 11:15	Re-cap: GHG emission calculation methods <i>Basics of GHG emission calculations: top-down vs. bottom up; basic equations; emission factors (Daniel Bongardt)</i>
11:15-11:30	Basic GHG calculation <i>Introducing methods: Trip-based, vehicle registration-based, traffic count, energy-based; boundaries; scope (Paponghanai Nanthachatchavankul)</i>
11:30- 11:40	Exploring different calculation methods <i>EXERCISE 1: Calculating emissions (Paponghanai Nanthachatchavankul)</i>
11:40- 12:00	Calculation methods in detail <i>(Paponghanai Nanthachatchavankul)</i>
12:00-13:30	Lunch break
13:30-14:00	Exploring different calculation methods <i>GROUP EXERCISE 1: Each group calculates emissions using a different approach (Stefanie Sohm)</i>
14:00 -14:30	Plenary Discussion <i>Presentation and discussion of group results (Group rapporteurs)</i>
14:30-14:45	Tea/Coffee break
14:45-15:00	Intro to Principle of data management <i>(Paponghanai Nanthachatchavankul)</i>

15:00-16:00	Sharing experiences: Data challenges on the ground and pragmatic solutions <i>Country Presentations: Experiences and pragmatic solutions from the ground (short presentations from up to 3 participants and discussion) Moderation Daniel Bongardt</i>
16:00-17:00	Gallery: Tools and Guidance documents for GHG Inventory + MRV <i>Various tools including TrIGGER, IPCC, MYC, UNFCCC tool (Daniel Bongardt; Marlan Pillay)</i>

Time	10 th May 2023 (Wednesday, Day 2): Analysis of Climate action
08:30- 09:15	Recap day 1 and welcome day 2 <i>(Marlan Pillay)</i>
09:15- 09:30	Interactive session: Transport Climate Actions and Climate Resilience <i>The role of transport for greenhouse gas emission reduction (Paponghanai Nanthachatchavankul)</i>
09:30-09:45	Approaches to reduce GHG emissions and enhance climate resilience <i>Prioritisation of Transport Policies (Paponghanai Nanthachatchavankul)</i>
09:45- 10:30	Interactive session: Transport policy and the Avoid Shift Improve Framework <i>Prioritisation of Transport Policies (Paponghanai Nanthachatchavankul)</i>
10:30-10:45	Tea/Coffee break
10:45 -11:05	Quantifying GHG impact of mitigation actions <i>Methodology for the quantifying impact of mitigation actions (MRVs of action, impact chains) (Stefanie Sohm)</i>
11:05- 11:40	Impact chains as a tool for analysis <i>GROUP EXERCISE 2: Define the impact chain and indicators for a selected measure (Stefanie Sohm)</i>
11:40-12:00	Presentation of results of the group exercise 2 <i>Presentation and discussion of group results (Group Rapporteurs)</i>
12:00-13:00	Lunch break
13:00-13:30	Looking beyond mitigation <i>Transport climate action for synergies: mitigation adaptation and sustainable development (Stefanie Sohm)</i>
13:30- 14:00	Sharing experiences: Transport sector climate action on the ground <i>Country Presentations: Good practices and challenges for implementing climate actions in transport (short presentations from up to 3 participants and discussion) (Participants) - Moderation Daniel Bongardt</i>
14:00- 14:30	Developing a vision <i>GROUP EXERCISE 3: "How will mobility change in the next 20 years? (Paponghanai Nanthachatchavankul)</i>
14:30- 15:00	Introduction to scenario analysis <i>What is a scenario? What is the difference between the business-as-usual scenario and the mitigation scenario? (Stefanie Sohm)</i>
15:00- 15:30	Calculating baseline and mitigation scenario emissions <i>GROUP EXERCISE 4: Calculating baseline and mitigation scenario emissions for selected measures (Stefanie Sohm)</i>
15:30-16:00	Tea/Coffee break

16:00-16:30	Calculating baseline and mitigation scenario emissions <i>Group exercise 4 (contd.)</i>
16:30-17:00	Results presentation & discussion <i>Challenges, lessons and results (Group rapporteurs)</i>

Time	11 th May 2023 (Thursday, Day 3): From Analysis to Action
08:30- 09:00	Recap day 2 and welcome day 3 <i>(Paponadhanai Nanthachatchavankul)</i>
09:00- 09:30	How to calculate with complex data? <i>Introduction to different models/tools and related data needs (Michel Arnd)</i>
09:30- 10:00	Gallery walk of modelling tools <i>Understanding inputs, outputs and application of different models (Gallery walk in pairs) (Michel Arnd)</i>
10:00- 10:30	Addressing data availability <i>Country Presentation: Data collection methods and addressing data gaps – Moderation Stefanie Sohm</i>
10:30 -11:00	Tea/Coffee break
11:00- 11:30	ISO 14083 Quantification and reporting of greenhouse gas emissions arising from transport chain operations <i>(Introducing the recently published ISO 14083 standard (Verena Ehrler, UNFCCC, virtual participation)</i>
11:30- 12:00	Prioritizing climate actions in transport sector <i>Climate actions in the context of national development plans and prioritisation, stakeholder engagement, just transition and climate finance(Vintura Silva, UNFCCC, virtual participation)</i>
12:00-12:15	Plenary discussion <i>(Challenges and options for prioritizing)(Marlan Pillay and Vintura Silva , UNFCCC, virtual participation)</i>
12:15-13:30	Lunch break
13:30-14:00	Country presentations: Long Term Strategies <i>(up to 3 participants to present) – Moderation Stefanie Sohm</i>
14:00-14:30	From analysis to reporting <i>International reporting requirements under the Climate change convention and Paris Agreement (Marlan Pillay)</i>
14:30- 15:00	Capacity-building opportunities <i>Information on other training and capacity-building opportunities (Paponadhanai Nanthachatchavankul; Marlan Pillay)</i>
15:00-15:30	Tea/Coffee break
15:30-16:00	Certification, Feedback and Workshop Evaluation <i>(GIZ and UNFCCC)</i>
16:00-16:30	Closing session <i>(GIZ and UNFCCC)</i>