

Data access and emission inventory in the Transport sector

Training in the context of the *International BUR Champions Workshops*,
Berlin, 7th April 2017, 9.00-12.30

Objectives

One of the main challenges in the preparation of Biennial Update Report (BUR)¹ is the access to data and the improvement of data quality. This training aims to address this challenge by giving an overview on data providers based on the case of the German inventory and with a particular focus on the transport sector.

In addition, this training will provide basic guidance for developing bottom-up GHG models in the transport sector.

Background

As transport related emissions are on the rise worldwide and in particular in developing countries and emerging economies, measures to mitigate climate change in this sector are becoming more and more important. The development of effective transport climate strategies rests upon the availability of comprehensive data and the application of sound assessment methods for emission reduction potentials.

Top-down GHG emission calculations, based on the amount of 'fuel combusted' or 'sold' and conversion factors of different fuel types, can be complemented with advanced bottom-up inventory models. These models enable countries to reduce uncertainties and develop more detailed analysis, but therefore require an extensive amount of data collection and handling, and a relatively high capacity of experts involved.

Outline

In a general introduction, an overview will be given on the variety of data providers for the German GHG inventory and some of the institutional arrangements that ensure data access. Participants will then get insights in and lessons learned about the way in which Germany builds its bottom-up model for the transport sector, who are the main stakeholders and where the data stems from. The training will present the basic data requirements, structure and benefits of bottom-up GHG inventories, discuss hands-on experiences from Vietnam and will give the opportunity to apply some of the techniques in an exercise.

The training was developed by the project "Advancing Transport Climate Strategies" (TraCS), implemented by GIZ on behalf of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) .

Agenda

Time	Topic	Presenter
9:00 – 9:10	Welcome and Overview	Verena Schauss, GIZ
9:10 – 9:40	How to stabilize data flow: insights in the	Dirk Günther, German

¹ http://unfccc.int/national_reports/non-annex_i_parties/biennial_update_reports/items/9186.php

	<p>German reporting system and the institutional arrangements with other authorities on data access.</p> <p>Presentation followed by Q&A</p>	Federal Environment Agency (UBA) (tbc.)
9:40 – 10:15	<p>Access to data and data flow in the transport sector and transport emission inventory in Germany</p> <p>Presentation followed by Q&A</p>	Martin Schmied, UBA
10:15 – 10:45	<p>Interactive discussion: Experiences on institutional arrangements from countries</p>	Verena Schauss, GIZ
10:45 – 11:00	Coffee break	
11:00 – 11:30	<p>Integrating bottom-up data in the inventory: Experiences on Inventory development from Viet Nam</p> <p>Presentation followed by Q&A</p>	Elena Scherer, GIZ
11:30 – 12:00	<p>Exercise: bottom-up/top-down calculation</p>	Elena Scherer, GIZ
12.00 – 12.30	<p>Open Q&A with the experts & Wrap up</p>	Verena Schauss, GIZ

