

TRANSfer News

June 2014

Upcoming

Climate Finance Process TRANSfer will set up a similar process to the MRV Roadmap process for a second topic: Climate finance. The objective is to help ensure that climate finance is increasingly used for sustainable transport in an effective way to realise the large GHG emission reduction potential in the sector. Over the next 1,5 to 2 years, TRANSfer will conduct background studies and facilitate a group of transport finance and climate finance experts. A first study called “Shaping the role of climate finance for sustainable transport – What are the levers and how to make them work?” will be conducted and will analyse how specific sustainable transport measures are financed. The Climate Finance Expert Group will be set up and support the structure of the analysis and the choice of the example measures. First results and initial suggestions on how to use climate finance more effectively and more efficiently to support sustainable transport will be discussed at the inaugural meeting of the expert group on September 14 as a pre-event to the ADB Transport Forum.

Latest news and products

Transport NAMA Homepage

The TRANSfer Project has recently published its new [Transport NAMA Website](#) which aims to consolidate major transport-related information on national and international levels. It does not only focus on the TRANSfer Project but on other transport and climate change related projects and topics in order to serve as an umbrella for transport and climate change projects, spreading our vision of a more inclusive and transparent process and knowledge management throughout various institutions. Hence, we hope to arouse your curiosity and provide all information needed in order to increase global efforts regarding transport NAMAs.

International Learning and UNFCCC Process

International Transport Forum

Back to back to the International Transport Forum Summit 2014 in Leipzig, the GIZ TRANSfer project held two events:

MRV Training

- a) The 2-day training course on [Quantifying Urban Transport GHG Emissions](#) attracted 23 representatives from 7 different countries. The participants included representatives from various governmental ministries and departments, international organisations and agencies in charge of emission accounting from Costa Rica, Tunisia, South Africa, Philippines, Thailand, Peru and Indonesia. The course covered methodological approaches and process steps of emissions quantification and setting up emission inventories, as well as an introduction into different tools and how to use them in local policy making. A variety of experienced speakers contributed to two rich days of discussions, among them Martin Schmieid (INFRAS institute), Frank Dünnebeil (Ifeu), Dr. Many Biona (de la Salle University, Philippines) or Alvin Mejia (Clean Air Asia).

MRV Expert Meeting

- b) On 20 May 2014, the TRANSfer project organised a 2nd

[International Expert Workshop](#) of the MRV expert group aiming to advance the understanding of the opportunities and challenges of Measurement, Reporting and Verification (MRV) in NAMAs taking into account the specific needs of host countries, capabilities and data availability in the transport sector. It further aimed at fleshing out the specific tasks of the working group identified in the 1st expert group meeting Towards Roadmaps for MRV of Transport NAMAs which took place as a side event to COP 19 and Transport Day 2013 on 15 November 2013 in Warsaw.

Green Freight and Logistics Workshop

Over 100 participants representing 17 countries and 30 organisations participated in the [Green Freight and Logistics workshop in Singapore](#) 25-27 June, co-organised by GIZ and the ADB. In his keynote speech, the Indonesia Vice Minister of Transport Bambang Susantono highlighted that trucks comprise only 5% of vehicles but account for 60% of emissions. In the following sessions, participants explored 58 policy options in template action plans, which will be further elaborated in national workshops in the 2nd half of 2014. Countries also identified concrete projects and requirement for international support. The potential for NAMAs in freight transport can be further explored based on these outcomes.

Climate Talks in Bonn

Bridging the Gap (BtG) Side Event

During the annual Subsidiary Body Meetings in Bonn a dozen motivated negotiators and observers gathered on Sunday 15 June to discuss MRV in the Transport Sector at the Side Event of the Bridging the Gap Initiative called "GHG quantification in land transport: MRV in the light of minimising the emissions gap". Oliver Lah (Wuppertal Institute) started with placing transport as key sector for climate change mitigation, Jonas Bleckmann (TRANSfer Project, GIZ) presented a case study from his colleagues from the Mexican-German NAMA-Programme focusing on Mexico's Road Freight Transport NAMA and last but not least Jacob Dikgang (South African Department of Transport) explained the MRV approach for the passenger modal shift from road to rail at the example of the Gautrain. The presentations led to a fruitful discussion with the audience regarding sustainable transport measures and the important role of transport in climate change mitigation in the UNFCCC process. Experiences from TRANSfer's MRV Roadmap Process could be brought in and received feedback from the audience (e.g. confirming the usefulness of MRV Blueprints as guidance).

Follow-up to Technical Expert Meetings

Two technical expert meetings were held during the ADP session held in March 2014 which focused on renewable energy deployment and energy efficiency improvements. Following the call of Parties for a follow-up meeting the ADP Co-Chairs requested the secretariat to facilitate such a follow-up meeting to the "Technical Expert Meetings (TEM) on unlocking mitigation opportunities through renewable energy deployment and energy efficiency improvements in pre-2020 period". On behalf of the Partnership on Sustainable Low Carbon Transport (SLoCaT) and the Bridging the Gap Initiative (BtG) Jonas Bleckmann contributed with a 3 minutes [statement](#) on sustainable transport and its links to energy efficiency on June 12 at the Climate Talks in Bonn.

Partner Countries – Peru, South Africa, Indonesia, Colombia

Colombia

TRANSfer in Colombia has moved forward by agreeing with all government counterparts to the content of the freight improvement NAMA, which will be submitted in the coming weeks to the UNFCCC registry. This is the result of many months of cooperation and the inclusion of various stakeholders in a process to define the scope of the NAMA, its nature, and overall concept. TRANSfer is also developing two studies to move forward towards a better understanding of the social aspects of fleet renovation and the options for improvement of the management structure of the current freight fleet renovation. As a result, this will increase the outcomes of the NAMA and will continue to strengthen the road-based freight sector in the country.

In addition, the Colombian President has been reelected for a 4-year term on June 15, which ensures a continuity of the climate change and transport policies that have been promoted by the same government in the previous years.

The Colombian Government has embarked upon the development of a National Urban Mobility policy for the country, which will include a comprehensive approach at implementing sustainable urban transport through the development of financial and technical instruments for projects on travel demand management, non-motorised transport, public transport and cross-cutting issues. The NMT section of the policy was supported by TRANSfer and is expected to be finalised by August 2014.

Furthermore, TRANSfer participated jointly with KfW in the appraisal mission of the TOD NAMA organised by CCAP and Findeter from April 28 to May 5.

Indonesia

With participation of the TRANSfer team, a mission to Indonesia was carried out for the in-depth appraisal of the Sustainable Urban Transport Program (NAMA SUTRI) from May 05-16. The objective of this appraisal was to review, adjust and describe the project design in more detail to demonstrate the feasibility of the NAMA Support Project and to produce a robust implementation plan. During the mission several meetings were held with the counterpart Ministry of Transportation as well as other public and private institutions and a site visit to one of the pilot cities, Batam. The mission team was supported by the Asian Development Bank in order to ensure close Donors coordination. The appraisal mission was closely linked with the project evaluation mission of the BMZ funded project Sustainable urban Transport Improvement Project (SUTIP) in order to align the activities and make use of synergies. It is envisaged to submit the final proposal to the NAMA Facility in August.

Peru

On May 12th the Steering Committee for the Sustainable Urban Transport (SUT) NAMA was formally established, after several meetings had already been held in the course of the preparation of the NAMA Support Project in 2014. Under the coordination of Ministry of Transport and Communications (MTC) and the Ministry of Environment (MINAM), the Committee comprises all relevant national governmental bodies and

international partners. Supported by the technical secretariat (GIZ/KfW) it will coordinate all activities under the SUT NAMA.

The Development Bank of Latin America (CAF) has announced its interest in providing technical assistance for two of the proposed mitigation measures, namely the improvement of the integration of different transport modes and the National Sustainable Urban Transport Program for medium sized cities.

Currently three significant consulting projects are under preparation.

- Following the Avoid-Shift-Improve approach, the policy matrix summarises key policies and measures planned under the NAMA, comprising regulatory measures, economic instruments, public investment measures and capacity training. The measures will be developed at national as well as local level.
- Estimation of the GHG mitigation potential and suggestions for the design of a MRV system: In the first week of June a mission to Peru was conducted with the purpose of data collection and stakeholder meetings. TRANSfer was further invited to present the methodology of the MRV study - backstopped by INFRAS - on a workshop on National GHG Emissions Inventory, organised by LEDSGP and MINAM in Lima during May 28th-29th.
- The first report on the integration of different transport modes in Lima is currently being finalised. It will include a preliminary identification of the modes as well as a prioritisation of specific measures and an initial cost estimation.

The Training on Urban Transport Quantifying GHG Emissions held in Leipzig during May 18th-20th was attended by representatives of MTC and Protransporte, the operator of Lima's BRT system.

South Africa

GIZ TRANSfer and its partners from the Department of Transport took the opportunity of the UNFCCC Climate Conference in Bonn for another exchange on the future work on the use of alternative fuels in the form of Compressed Natural Gas. Open questions could be clarified and possible work packages have been specified. Further preparation will be done until the next TRANSfer mission to South Africa which will probably take place in August.

Jacob Dikgang from the Department of Transport was invited to present initial results of the MRV approach for the Gautrain case (Passenger Modal Shift from Road to Rail) at the Side Event of Bridging the Gap on 15 June (see also report of the side event).

Further t-NAMA Countries

Dedicated t-NAMA Countries (IKI)

Mexico

In the framework of the German – Mexican NAMA Program, the GIZ mandated a consultancy to carry out energy assessments in order to identify areas of opportunity to reduce fuel consumption and GHG emissions in the small carrier freight sector. The German- Mexican NAMA

Program, managed by GIZ on behalf of BMUB, consists of the development of four different NAMAs, one of them in the road freight sector.

The study includes a total of five energy assessments: Two of owner-operated trucks (up to five vehicles) and three of small transportation companies (up to 30 vehicles). Different areas and aspects of the companies (training programs, vehicle choice, fuel management, maintenance and logistics) have been analysed to determine their contribution to fuel consumption. Based on these energy assessments, the study presents the barriers impeding small entrepreneurs from taking fuel efficiency increasing measures and gives specific recommendations to reduce fuel consumption for each analysed area.

Publication is expected in July 2014.

Visit of a Scrapping Company:

On 18 June 2014, members of the working group of the Road Freight Transport NAMA visited a scrapping plant in the State of Mexico, organised by the GIZ in the framework of the German-Mexican NAMA Program. Participants included GIZ staff of the Road Freight Transport NAMA and representatives of the Directorate General of Climate Change Policy and the Air Quality Division of Mexico's Ministry of the Environment and Natural Resources (SEMARNAT) and of the Directorate General of Road Transport and Connectivity of the Ministry of Communications and Transportation (SCT).

The visit was an additional activity of an inventory study of scrapping companies the GIZ, through the IKI of BMUB, is financing.

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Transport & Climate Change Countries (GIZ)

China

In order to assess the emissions impact of transport policies, the BMUB financed Transport Demand Management Project, its partners at the Beijing and Shenzhen Transportation Research Centres, and the Swiss INFRAS Institute adapted the European Handbook of Emission Factors for Road Transport (HBEFA) to Chinese traffic realities – the China Handbook for Emissions Factors (HBEFA-China) was developed. The new Chinese emission factors consider typical driving cycles, including heavy stop-and-go situations, which often occur in many Chinese cities, but were not part of the European emission factor set. This is not trivial, as the amount of emissions from heavy stop-and-go traffic can be up to one-third higher than those of normal stop-and-go traffic, depending on the road type.

At the beginning of June, three Chinese cities – Beijing, Harbin and Tianjin - were trained on applying the expert version of HBEFA-China – a modelling tool to calculate transport-related emissions in their cities. HBEFA-China enables local authorities to both assess current emissions and to evaluate the emission impacts of transport policies either ex-ante or ex-post. HBEFA-China can help Chinese cities build up transport

inventories and support MRV processes for transport. In addition, calculating future emission scenarios for transport can support better decision-making in Chinese cities

Read more about HBEFA-China on our [GIZ China Transport Blog](#).

ASEAN

NAMAs has become a promising topic that Thai government has an interest in. Thailand plans to pledge the GHG emissions reduction target in the range of 7-20% in the year 2020 comparing to BAU. To achieve this goal, mitigation actions from the energy and transport sectors are chosen as they have high potential of emissions reduction. According to Thailand's NAMAs roadmap 2020, 12 million ton CO₂ of GHG emissions reduction from the implementation of the Environmental Sustainable Transport master plan is set as the potential mitigation goal for the transport sector.

In May 2014, the project Energy Efficiency and Climate Change Mitigation in the land transport sector in the ASEAN Region, or Transport and Climate Change (TCC) project collaborated with the Ministries of Transport and Environment to select a transport NAMA topic. In the first meeting, an agreement was reached on the long list of transport policies/measures and the screening criteria. In a follow-up meeting, a screening exercise was done involving also other stakeholders related to the policies in the long list. This resulted in a short-list of five priority transport policies/measures which will be further considered of policy makers. They will make a final decision on which short-listed policies/measures could be further developed as a NAMA proposal.

Project Background

The TRANSfer project is a project run by GIZ and funded by the International Climate Initiative of the German Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB). Its objective is to support developing countries to develop and implement climate change mitigation strategies in the transport sector as „Nationally Appropriate Mitigation Actions“ (NAMAs). The project follows a multi-level approach:

- At country level, TRANSfer supports selected partner countries in developing and implementing NAMAs in the transport sector. The NAMAs supported by the project cover a broad variety of approaches in the partner countries Indonesia, South Africa, Peru and Colombia.
- At international level and closely linked to the UNFCCC process, the project helps accelerate the learning process on transport NAMAs with a comprehensive set of measures (events, trainings, facilitation of expert groups, documents with guidance and lessons learned such as the transport NAMA handbook and a database).

Activities at country and international level are closely linked and designed in a mutually beneficial way. While specific country experience is broad to the international stage (bottom-up) to facilitate appropriate consideration of transport sector specifics in the climate change regime, recent developments in the climate change discussions are fed into the work in the partner countries (top-down).

For more information see: www.transport-namas.org