

TRANSfer News

July - August 2014

Upcoming

**SUTP-Webinar in Spanish language
Energy efficiency in the freight transport sector on August, 27**

Este webinar busca demostrar la importancia de la eficiencia energética en el sector de transporte de carga terrestre. Con base en las experiencias del NAMA de Autotransporte de carga terrestre en México, se explicaran las principales acciones de mitigación, en donde se abordara con más detalle el tema de implementación de tecnologías para el ahorro de combustible en vehículos de carga. Además de esto, se describirán las principales barreras y áreas de oportunidad para reducir consumo de combustible en ese sector.

El webinar “Eficiencia energética en el sector de transporte de carga” será conducido por Karen Martinez (GIZ Mexico). El webinar se dirige a tomadores de decisión locales y planificadores, representantes de todos los niveles de gobierno y agencias interesadas en aprender sobre el desarrollo de transporte urbano sostenible y el componente de transporte de carga carretero. Para registrarse al webinar, envíe un correo a pardo@despacio.org. Más información: <http://capsut.org/events/eficiencia-energetica-en-el-sector-de-transporte-de-carga/>

1st International Expert Meeting on Promoting Climate Finance for Sustainable Transport

On September 14th 2014, the first formal meeting of the interdisciplinary Expert Group on Transport and Climate Finance will be held as a pre-event to the ADB Transport Forum in Manila, Philippines. The TRANSfer project has initiated activities to promote the uptake of the use of climate finance in sustainable transport. TRANSfer intends to achieve this objective by conducting a background study on the potential use of climate finance in support of a range of transport projects, programs and policies and facilitating a group of transport finance and climate finance experts to develop recommendations for the effective and efficient use of climate finance in the transport sector.

International Learning and UNFCCC Process

International MRV Process 1: Developing a “Reference Document on MRV in the Transport Sector”

The TRANSfer team developed an annotated outline for the envisaged “Reference Document on MRV in the Transport Sector” that was discussed during the second expert workshop in Leipzig (May 20, 2014). It was reviewed by the expert group, followed by a smaller group of authors who will develop a first draft. Through involving key players, the document shall contribute to develop a common understanding and more specific guideline on MRV in the Transport Sector. Coordinating authors will be Jürg Füssler (INFRAS) and Sudhir Sharma (UNEP RISOE). A first draft for comments of the full report will be available by end of the year. It is envisaged to publish the edited document in spring 2015.

International MRV Process 2: Towards „MRV Blueprints for Transport NAMAs

As a second key output of the international expert group, a “Template for MRV Blueprints for Transport NAMAs” will be published. Blueprints are based on real world cases. Hence, the MRV blueprint will describe the methodology of MRVing NAMAs along an actual real case example and

thus facilitating replication. In principle there are 2 options:

(1) Develop a blueprint “ex post” or “top down” based on an implemented policy that is a good practice but not registered as a NAMA. This would help other countries to “replicate” the mitigation action under the NAMA framework.

(2) Develop a blueprint along with a NAMA. There are currently NAMAs under development, which are going to establish an MRV methodology at the same time. MRV blueprints also offer the possibility to review the MRV methodology for a NAMA and thus being able to improve it over time. The idea of blueprints is open and the more organisations contribute to such a development the better. In general there are three options for being involved:

- a) Organisations use their own or third party funding to develop a blueprint in the context of their project
- b) GIZ will involve organisations in current GIZ projects as a partner or subcontractor
- c) Persons or organisations can serve as reviewers of blueprints and help to improve draft versions

Partner Countries – Peru, South Africa, Indonesia, Colombia

Colombia

The Colombian Freight NAMA moved forward regarding the establishment of a strengthened MRV system with support from Jakob Graichen, expert in MRV, who previously had developed the MRV system for Mexico’s Energy Efficiency NAMA for Freight Vehicles. The activity has started off by a mission to Bogotá at the end of July with the objectives to identify shortcomings and data gaps of the current system and provide recommendations for action to key actors.

Further, the results of two studies concerning the freight vehicle renovation scheme have been presented and discussed with the Ministry of Transport. One of these studies addresses the recently observed decrease in demand for the scrapping incentive provided under the scheme, which next to fleet renovation also targets a reduction of the overall number of vehicles by making the purchase of a new vehicle conditional to the scrapping of an old vehicle and personalizing this process. By means of interviews with truck owners, the study found that processes were partly too complicated especially for small companies or individuals. In addition, it was observed that a parallel market structure had formed where larger companies would buy old vehicles meant to be scrapped for a price slightly higher than the one provided by the incentive in order to gain the personalized right to purchase an additional vehicle. As a result the financial incentive was used less than expected and the fleet was reduced less than hoped for by the Government. Considering the findings, the Colombian Government, the consultants and GIZ TRANSfer team will discuss options to improve the scrapping scheme.

Indonesia

The Presidential elections in Indonesia took place on the 9th July and about 130 Mio votes were cast. The election commission announced that Mr. Widodo - widely known as Jokowi - won 53.15% of the vote with his rival, ex-general Prabowo Subianto, on 46.85%. Before becoming the Governor of Jakarta in 2012, he used to be the mayor of Solo which is one

of the pilot cities of the Sustainable Urban Transport Programme Indonesia (NAMA SUTRI), developed in cooperation with TRANSfer. As the former counterpart of the BMZ funded GIZ project “Sustainable Urban Transport Improvement Project” President Widodo was very supportive on sustainable transport development.

Peru

By following the second call of the NAMA Facility, the Peruvian Government submitted its proposal for a support project to the countries Sustainable Urban Transport NAMA in July 2014. The Peruvian proposal is one of overall 49 submitted proposals for consideration of financing.

Up to date there have been 3 meetings of the Coordinating Committee of the t-NAMA. The last meeting took place on July 17th. It focused on monitoring of progress along the work plan during the first semester of 2014, the establishment of a set of operating rules for the Committee and a discussion of a first version of a logo for the t-NAMA.

At the end of July various trainings have been conducted with the support of sustainable urban transport expert, Carlos Felipe Pardo:

- On the July 21st, a training on the integration of bicycles and public transport was held for decision makers in the transport sector. In addition, a brief lecture was given to reporters of RPP group - a major Peruvian media conglomerate - with the aim of further spreading the word on transportation policies that reduce congestion, mitigate climate change and improve the quality of life of citizens to a non-specialist audience.
- From July 22-23, a workshop on emission inventories in the transport sector was implemented in coordination with WRI / LEADS GP in order to obtain government officials from the transport sector in designing of sustainable transport policies and accessing funding and sustainable financing by means of emission inventories.

Philippines

An initial scoping mission to sort out a possible cooperation with the Philippines was carried out from July 28th till August 1st in close collaboration with the regional “Transport and Climate Change (TCC)” Project of GIZ. Over the course of the trip several stakeholders were consulted in order to prepare the decision whether the Philippines are recommended as a new partner country of TRANSfer. Several Transport-NAMA options have been discussed in a kick-off workshop with around 50 participants from various stakeholder groups. A second mission will be realized in September to specify future cooperation with the Philippines.

Further t-NAMA Countries

Dedicated t-NAMA Countries (IKI)

Mexico Evaluating energy-efficient driving courses

In the framework of the German – Mexican NAMA Program, the GIZ and Mexico's environment ministry (SEMARNAT) organized five energy-efficient driving courses for small entrepreneurs. The German- Mexican NAMA Program, managed by GIZ on behalf of BMUB, is part of the International Climate Initiative (IKI) and consists of the development of four different NAMAs, one of them in the road freight sector.

The aim of these courses was to test a new course content which has been especially designed for Mexico's small entrepreneurs. Results confirmed the significant fuel-saving potential of these trainings of up to 27%. In addition to this, the follow-up study revealed following main barriers for course participation of small entrepreneurs: the scarce time-availability and the fact that the drivers do not get paid for course participation. The results of the courses presented in the following table show the significant improvement in vehicle performances, and a reduction of fuel consumption and CO2 emissions.

Table: Improved Single Vehicle Performance, reduced diesel consumption and CO2 emission reduction

Location	Initial vehicle performance, km/l	Vehicle performance after the trainings, km/l	Diesel consumption before the trainings (100,000km/year), liters	Diesel consumption after the trainings (100,000km/year), liters	Amount of diesel saved per year, liters	CO ₂ emission reductions per year, kg
ALTAMIRA, TAMAULIPAS	2.56	2.89	39,043	34,599	4,443	12,086
AHUAZOTEPEC, PUEBLA	2.79	2.95	35,847	33,871	1,976	5,374
ACOLMAN, EDO. DE MÉXICO	2.96	3.29	33,816	30,435	3,382	9,198
SAN LUIS POTOSÍ, SLP	1.98	2.70	50,562	37,079	13,483	36,674
MONTERREY, NUEVO LEÓN	2.09	2.52	47,773	39,676	8,097	22,024

Transport & Climate Change Countries (GIZ)

China Modelling emissions of congestion

GIZ in cooperation with the Asian Development Bank currently facilitates a several week long stay in Beijing of Dirk van Amelsfort, senior researcher at Viktoria Swedish ICT Research Center and congestion charging

charging schemes

specialist. During this stay, the Beijing Transport Research Centre further develops and tests potential congestion charging schemes. Using Beijing's PTV VISUM Travel Demand Model and the newly developed HBEFA-China emission model - an output of the IKI project Travel Demand Management in Beijing - the emission impacts of different congestion charging schemes can now be calculated and compared. This will help decision makers to select effective approaches and policies and later will help to measure and report emissions based on the same methodology. The case of Beijing is an example on how transport related GHG emissions and policy impacts can be quantified and also used for NAMA development.

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