



## Mexico

### Nationally Appropriate Mitigation Action (NAMA) on Road Freight Transport

The purpose of this project is to reduce GHG emissions in Mexico's road freight transport sector by focusing on owner operators (up to five vehicles) and smaller fleet carriers (up to 30 vehicles). These two groups make up over 60% of the total trucks on the roads. Many vehicles fall far below current average efficiency levels. Old engines with incomplete combustion processes increase emissions of GHG and other pollutants. Poor vehicle maintenance and inadequate driving reduce fuel efficiency even further.

GIZ provides technical advice to Mexican government agencies and promotes knowledge transfer at national, regional and international level. Support activities include the replacement of old trucks, through a government-driven scrapping and renewal programme. Also, a voluntary, market-driven partnership delivers courses on energy-efficient driving practices in addition to promoting the distribution of energy-saving technologies for trucks. The project is implemented on behalf of the German Federal Ministry for the Environment (BMUB).

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## Global

### German Partnership for Sustainable Mobility



Launched at the International Transport Forum in May 2014, the German Partnership for Sustainable Mobility (GPSM) provides a platform for exchanging knowledge, expertise and experiences on sustainable mobility and green logistics solutions from Germany. By bringing together government representatives, academia, businesses, civil society and associations, GPSM supports the transformation towards sustainability in developing and emerging countries.

web: [www.german-sustainable-mobility.de](http://www.german-sustainable-mobility.de)

### Sustainable Urban Transport Project

The Sustainable Urban Transport Project (SUTP) aims to help developing world cities achieve their sustainable transport goals, through the dissemination of information about international experience, policy advice, training and capacity building. During its 10 year history, the project has produced and distributed over 100 publications. Rich in details and easily accessible, these materials help inform policy-makers about viable sustainable transport solutions to their mobility challenges. SUTP is implemented on behalf of BMZ. Publications on freight transport include **'Sustainable Urban Freight in Asian Cities'** which presents case studies and insights on a wide range of different measures to alleviate the negative effects of urban freight delivery. The **'Urban Freight in Developing Cities sourcebook'** describes the importance of freight transportation in the context of urban development. Also, it provides detailed information on the available options for meeting current and future challenges for urban goods transport in the rapidly growing cities of the developing world. All materials are available on the SUTP website.

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# Green Freight and Logistics: GIZ expertise and experience



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## China Green Logistics Project

The project Green Logistics in China develops the capacity of decision-makers from ministries, public sector authorities and the private sector to further the introduction of new standards and concepts for higher energy efficiency in the Chinese logistics sector. It provides support on a broad range of issues including: cooperation among small and medium-size logistics companies, city distribution, green logistics parks, carbon footprinting in logistics, energy-efficient tires, information technology for efficient logistics, drop and hook transport.

Representatives of partner organisations participate in various capacity development measures - study tours, seminars, joint workshops, joint studies and exchanges of experts - in both China and Germany. In one notable collaboration, the project supported China's Ministry of Transport in promoting cooperation among logistics companies to increase energy efficiency, especially of small and medium-size logistics companies. Also, it facilitated knowledge transfer by introducing European standards and guidelines for calculating greenhouse gas emissions for freight forwarders and logistics services as well as EU regulation on tire labeling to Chinese logistics sector partners. The project is implemented on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ).

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## ASEAN – German Technical Cooperation Cities, Environment and Transport in the ASEAN Region

Green Freight and Logistics is an increasingly important issue for the regional programme 'Cities, Environment and Transport in the ASEAN region' (CET). One of the component projects, 'Energy Efficiency and Climate Change Mitigation in the Land Transport Sector', supports transport and environment ministries across the ASEAN region in developing and implementing strategies, action plans and monitoring systems for climate-friendly transport. Jointly with the ADB, this project co-organised a regional workshop 'Green Freight and Logistics in Asia' in June 2014 and will continue to work on this topic through follow-up support for action plans and measures at the national level in ASEAN member states. Another CET component module, 'Sustainable Port Development', works on improving the quality and efficiency of safety, health and environmental management of 12 selected ports in 7 ASEAN countries. CET is implemented on behalf of BMZ.

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[www.facebook.com/TransportClimateASEAN](https://www.facebook.com/TransportClimateASEAN)



## Malaysia Public private partnership on road safety and eco driving

As a central commercial distribution hub in Asia, Malaysia faces persistent road safety challenges. Transportation and logistics providers - accounting for almost a third of all road accidents, many with fatal consequences - play a particularly important role. GIZ (on behalf of the BMZ) is working to address this problem through a public - private partnership with TÜV Rheinland Malaysia and the Malaysian-German Chamber of Commerce and Industry (MGCC).

A Train-the-Trainer programme will build a local pool of qualified trainers on road safety. Awareness-raising campaigns on road safety and the economic benefits of eco driving will reach out to Malaysian transportation and logistics companies, truck driver associations, governmental institutions and the general public. These combined efforts will contribute towards stronger traffic safety, reduced fuel consumption and better environmental efficiency in the long term.

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## India Green Freight India Initiative

Green Freight India is a collaborative private sector initiative to increase transparency in supply chains and reduce carbon emissions from logistics operations. The initiative is supported by GIZ (on behalf of BMUB), Clean Air Asia and the Green Transformation Lab. Its main objectives are improving transparency on carbon emissions reporting and increasing the operational efficiency of the participating companies. Through the establishment of an effective and vibrant industry platform, collaboration along the entire supply chain will be strengthened and key issues will be addressed.

Although trucks make up a small percentage of the vehicle fleet in India (5%) they contribute disproportionately to fuel use (74%), CO<sub>2</sub> emissions (63%), PM emissions (59%), and road accidents (26%). It is estimated that inefficiency losses may cost the sector upward of US\$ 140 billion by 2020. The Green Freight India initiative seeks to play an instrumental role in reducing the projected emissions and limiting the anticipated losses.

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