

**Multi-year Expert Meeting
on Transport, Trade Logistics and Trade
Facilitation:**

**Third Session:
Small Island Developing States:
Transport and Trade Logistics
Challenges**

24 – 26 November 2014

**Transport in German Development
Corporation: Selected Examples and
Resources**

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giz Transport in German Development Cooperation: Selected examples & resources

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Third session of the Multi-year Expert Meeting on Transport, Trade Logistics and Trade Facilitation: "Small Island Developing States: Transport and Trade Logistics Challenges", 24 to 26 November 2014

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As a 100% federally owned, public-benefit enterprise, we support the German Government in achieving its objectives in the field of international cooperation for sustainable development.

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Our annual turnover is about 2 billion Euro.

Projects implemented mainly on behalf of the German Federal Government (+ other donors)



Federal Ministry for Economic Cooperation and Development

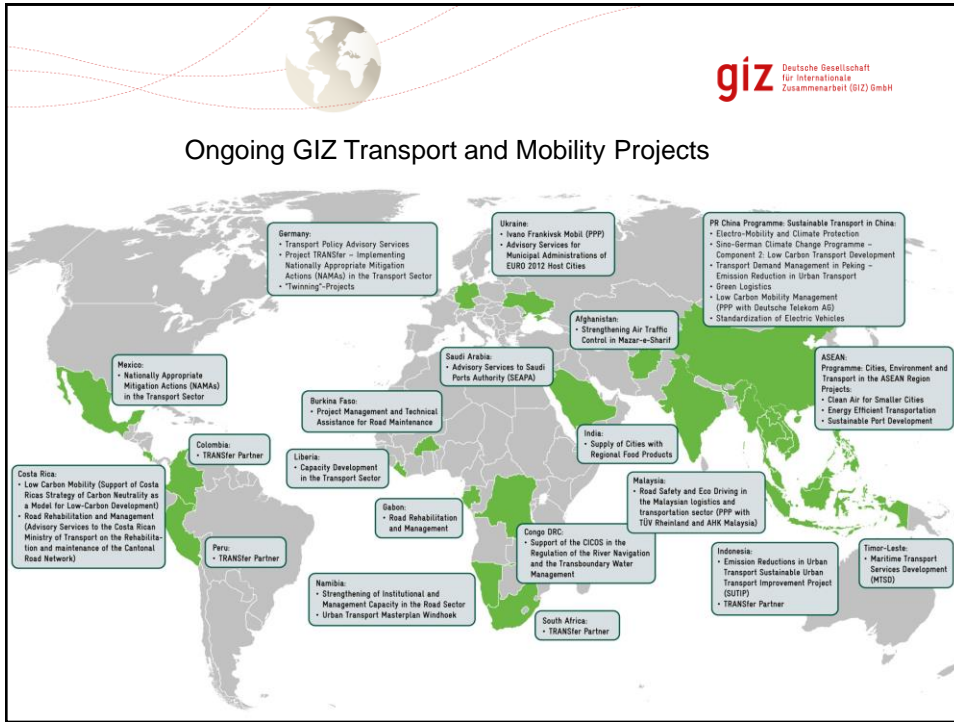


Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety



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Example I

Sustainable Port Development in the ASEAN Region

On behalf of the Federal Ministry for Economic Cooperation and Development

Federal Ministry for Economic Cooperation and Development

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Sustainable Port Development in the ASEAN Region

- Project partner: ASEAN Secretariat 
- Budget : 5 M Euro
- Phase I (2009 – 2012)
- Phase II (2012 – 2015)
- Project objective: “Selected ports have improved the quality and efficiency of their Safety, Health and Environmental (SHE) management”
- www.sustainableport.org / Contact: franca.sprong@giz.de
- Implemented on behalf of the Federal Ministry for Economic Cooperation and Development (BMZ) 

Federal Ministry
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7 countries - 12 ports

1. Bangkok
2. Laem Chabang
3. Phnom Penh
4. Sihanoukville
5. Ilollo
6. Cagayan de Oro
7. Sabah
8. Johor
9. Saigon
10. Saigon Newport
11. Tanjung Priok
12. Yangon Port



Myanmar, Laos, Thailand, Cambodia, Vietnam, Philippines, Brunei Darussalam, Malaysia, Singapore, Indonesia



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Focus areas

- Awareness raising for national level SHE Policies
- Occupational Safety and Health (OSH)
- Reduction of environmental impacts from ports
- Promoting a regional approach on ship waste reception facilities and port waste management systems
- Policy development for a green / sustainable port
- Exchange and dissemination of experience within the region
- Building up regional capacity

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A green port policy for Johor (Malaysia)

- On October 13, 2014 the Johor Port Authority (JPA) officially launched its Green Port Policy
- The policy is a general guide for all port operators under the jurisdiction of JPA in moving towards a Green Port Environment and Sustainable Port Development
- Goal: aligning port operations and development with the principles of sustainability and greater responsibility towards the environment and the community

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Port Safety Health and Environmental Management System (PSHEMS) – 6 ports

➤ Incorporates the requirements of the 3 international standards (**ISO9001/14001/OHSAS18001**) into one integrated package specifically designed for usage in ports



The diagram illustrates the PSHEMS cycle, a continuous loop of five stages: PSHE Policy, Planning, Implementation and Operation, Checking, and Management Review. An arrow labeled 'Continual Development' points from the Management Review stage back to the PSHE Policy stage, indicating a feedback loop for improvement.

Objectives of the PSHEMS

- Preventing human injury or fatality
- Preventing negative impacts on the environment, and any damage to property and cargo
- Improving operational efficiency and reliability of the port infrastructure / facilities / equipment
- Ensuring compliance to applicable legal and other requirements

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Capacity Building and Training

- Training Needs Analysis
- 6 material based courses
- 6 Expert courses
- ASEAN Course Instructors trained and redelivered/applied (translated) modular training programs
- Regional workshops and meetings
- Regional experts shared between countries



The diagram shows a circular process for training development, divided into nine phases:


- PHASE 1: Preliminary Study
- PHASE 2: Job Analysis
- PHASE 3: Population Analysis
- PHASE 4: Design of Curriculum
- PHASE 5: Design of Modules
- PHASE 6: Production
- PHASE 7: Validation and Revision
- PHASE 8: Delivery of training
- PHASE 9: Evaluation

Central text: **Analyse the need for training**, **Development of training material**





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Training course topics

TARGET AUDIENCE	TARGET POPULATION	COURSE TOPIC
ALL	Port employees	Handling of Dangerous goods in port areas – General awareness
Top Management	Policy makers, Decision makers,	General awareness on SHE including the business case
SHE-Unit	Manager of SHE unit	Safety Management Systems in Ports
		Handling of Dangerous goods in port areas - Advanced
Port workers	Operation Supervisors	Basic SHE Issues
	General Workers	OSH in Ports

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Example II

Technical Cooperation in the Maritime Transport Sector in Timor-Leste



On behalf of the Federal Ministry for Economic Cooperation and Development



Federal Ministry for Economic Cooperation and Development

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Technical Cooperation in the Maritime Transport Sector in Timor-Leste

- Lead executing agencies: Ministry of Transport and Communication, RDTL; SEFOPE
- Overall term: 2006 to 2016
- In close cooperation with: KfW Development Bank 
(financing for two ferries)
- Objective: Address the challenges of fragile institutions and the lack of qualified human resources in Timor-Leste, by supporting i.e. drafting of the maritime legal framework, supporting institutional development and improving qualifications of maritime (and related) personnel.
- Contact person: Rodrigo Garcia-Bernal, rodrigo.garcia-bernal@giz.de
- Implemented on behalf of the Federal Ministry for Economic Cooperation and Development (BMZ)



Federal Ministry
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Example III

Coping with climate change in the Pacific island region



On behalf of the Federal Ministry for Economic Cooperation and Development



Federal Ministry
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Coping with climate change in the Pacific island region

Countries: Pacific Island Region: Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

Lead executing agency: Secretariat of the Pacific Community (SPC)

Overall term: 2009 to 2015

Objective: “The skills and capabilities of the local population, the national governmental authorities and regional organisations are enhanced in order to cope with the effects of climate change and combat its causes.”

Information and contact: <http://www.giz.de/en/worldwide/14200.html> / wulf.killmann@giz.de

Commissioned by: German Federal Ministry for Economic Cooperation and Development (BMZ)




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Concepts & resources




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Conceptual approach

Resilience (including adaptation) in the transport sector

Robustness

Do design standards for physical transport infrastructure meet the challenges implied by the risk analysis?
What is the general state of key infrastructure systems/sections?

Redundancy

At which level of the maximum capacity is the transport network operating, and how much spare capacity (with regard to infrastructure and rolling stock) is available?

Coordination and learning

Which stakeholders are involved in transport in general (national government, local government, private sector, non-profits)? How is the interaction and communication between them? Is the issue of resilience integrated in land use & transport planning

Diversity and flexibility

How is the geographic coverage of the various transport modes, as well as their accessibility for disadvantaged population groups (e.g. poor, disabled)? What are the available transport options to/from key critical infrastructure (airports, hospitals, power stations, escape routes to the hinterland etc.)?



Responsiveness

Is there any traffic control system (including sensors, cameras, control center etc.), and to which extent does it cover different modes (e.g. individual and public transport)?

Source: Internal study „Being prepared“, GIZ/SIEMENS 2014

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Funding instrument by BMUB for projects: ICI

(not affiliated with GIZ, which is only one of several implementers)

<http://www.international-climate-initiative.com/en/>



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ABOUT THE IKI
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INTERNATIONAL CLIMATE INITIATIVE (IKI)

Home » About the IKI » IKI funding instrument

THE INTERNATIONAL CLIMATE INITIATIVE

Since 2008, the International Climate Initiative (IKI) of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) has been financing climate and biodiversity projects in developing and newly industrialising countries, as well as in countries in transition. Based on a decision taken by the German parliament (Bundestag), a sum of at least 120 million euros is available for use by the initiative annually. For the first few years the IKI was

BMUB CLIMATE INITIATIVE

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Selected resources


- ASEAN – German Technical Cooperation „**Sustainable Port Development in the ASEAN Region**“: <http://www.sustainableport.org/>
- Collection of **resources in the field of Resilience/Adaptation in the Transport Sector**:
https://energypedia.info/wiki/Resilience_in_the_Transport_Sector
- Handbook **Adapting Urban Transport to Climate Change**:
<http://www.sutp.org/component/phocadownload/category/53-5f?download=112:5f-acc-en>

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International Fuel Prices

- Since 1991 GIZ carries out regular worldwide Fuel Price Surveys. One of its goals is to provide a worldwide comparison of retail prices to track / to highlight energy price policies in developing countries.
- Currently, data are available for 170 countries for Diesel and Gasoline based on survey in Mid-November 2012
- Part of World Bank Indicator Set (World Development Indicators, World Road Statistics, ...)
- 2012 Survey available on: www.giz.de/fuelprices
- Factsheets for more than 130 countries on: https://energypedia.info/index.php/International_Fuel_Prices



pull 95	11.15
A 95 EBPO	10.49
A-92	10.15
A-80	9.49
A 95 EBPO	9.79
ГАЗ	5.79



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GIZ Transport and Mobility Newsletter

GIZ Transport and Mobility Newsletter

- Published every two months
- News about project activities, results, publications, upcoming events and vacancies
- More than 1,500 subscribers

Subscription:
www.giz.de/transport



On behalf of **BMZ** Federal Ministry for Economic Cooperation and Development

Transport and Mobility Newsletter

GIZ TRANSPORT NEWS #59 Issue No. 6
A service provided by the sector project Transport Policy Advisory Services November 2013

GIZ Transport - Internals

Pictures wanted!

The Sustainable Urban Transport Project (www.giz.de/giz/) is building up a photo collection on urban transport worldwide for use in GIZ publications and projects. Your pictures are welcome!

If you have relevant, high-quality images available and are willing to share them for non-commercial use in GIZ's work, please send them to matias.merfeld@giz.de

Paul Pfarrer, Libera

Dear colleagues,

Our autumn newsletter brings you news from projects in Namibia, China, Indonesia, Mexico and Ukraine plus a list of recommended reading and current job opportunities.

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More information and contact



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Websites

General

www.giz.de/transport

Specific resources

www.giz.de/fuelprices
www.sutp.org
www.transport2020.org

Individual project websites

www.transferproject.org
www.sutip.org
www.tdm-beijing.org
www.citiesenvironmenttransport.org
www.citiesforcleanair.org
www.sustainableport.org
www.transportandclimatechange.org
www.electro-mobility.cn
www.movewindhoek.com.na
www.sustainabletransport.org

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