



Sino-German Climate Change Programme
中德气候变化项目

Training

Sustainable Low Carbon Transport
可持续低碳交通培训

26th - 28th November 2013 in Beijing
2013年11月26-28日，北京



Overview 概述

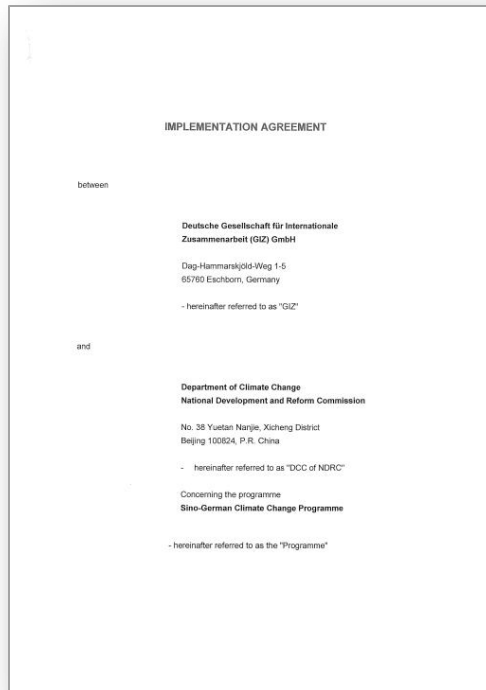
1. Background 背景
2. Approach to low carbon transport 实现低碳交通的方法
3. The training 培训



1. Background背景



Sino-German Climate Change Programme 中德合作气候变化项目



Implementation Agreement between 项目执行协议

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

On behalf of

BMZ



Federal Ministry
for Economic Cooperation
and Development

And 和

National Development and Reform Commission
中国国家发展和改革委员会

Components of the Sino-German Climate Change Programme 中德合作气候变化项目下属各子项目



- Capacity Building for Climate Change Mitigation and Adaption
适应和减缓气候变化的能力建设



- Low Carbon Transport Development
低碳交通发展



- Low Carbon Development in the Power Sector
电力行业低碳发展

Deliverables 子课题

1. National-level low carbon transport strategies
国家层面低碳交通战略
2. Modeling transport emission at city level
城市层面交通排放建模
3. Supporting low-carbon transport development in pilot cities
支持试点城市低碳交通发展
4. Capacity development
能力建设



Quelle: Beijing/Daniel Bongardt/2011
图片来源：北京/Daniel Bongardt/2011



Deliverable 4 子课题 4:

Capacity development 能力建设

Equip decision makers with

使决策者具备

1. necessary knowledge 必要知识
2. analytical and management tools to consider the needs of climate change mitigation and adaptation in their everyday work 考量气候变化缓解需求的分析和管理工作工具，以及这些工具在其日常工作中的应用





2. Approach to low carbon transport 实现低碳交通的方法

Comprehensive Approach to Low Carbon Transport

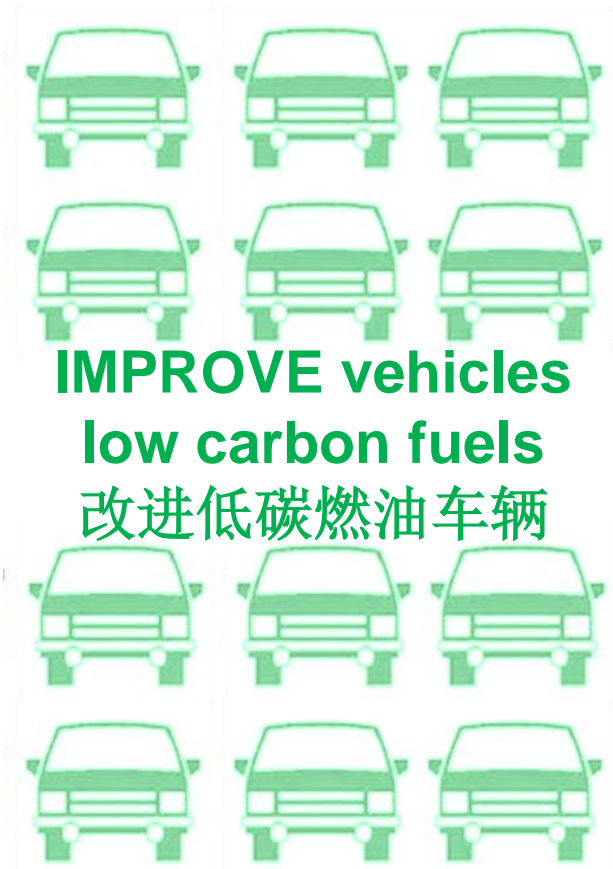
实现低碳交通的综合方法

AVOID
unnecessary trips
避免不必要出行

REDUCE
Vehicle KM
Traveled
(VKT)
减少行车公里数



SHIFT modes
转变交通方式



What is a Low Carbon Transport?

何为低碳交通？

System Level 系统层面

Low-Carbon Modes 低碳交通方式



Walking, cycling, public transit
(GHG reduction through
a high modal share of
efficient modes)

步行、骑自行车或乘坐公共交通工具 (通过提高有效交通方式所占比例减少温室气体)



Towards transit-oriented
development
(GHG reduction through
less vehicle kilometers)

朝公交主导发展模式发展 (通过减少行车公里数减少温室气体)

**Mixed-use, dense
cities**综合应用交通方式，
形成密集城市

**+ Planning, organization
and enabling institutions
+ 规划、组织和授权给机构**

Vehicle Level 车辆层面

Energy Efficient Vehicles 节能车辆



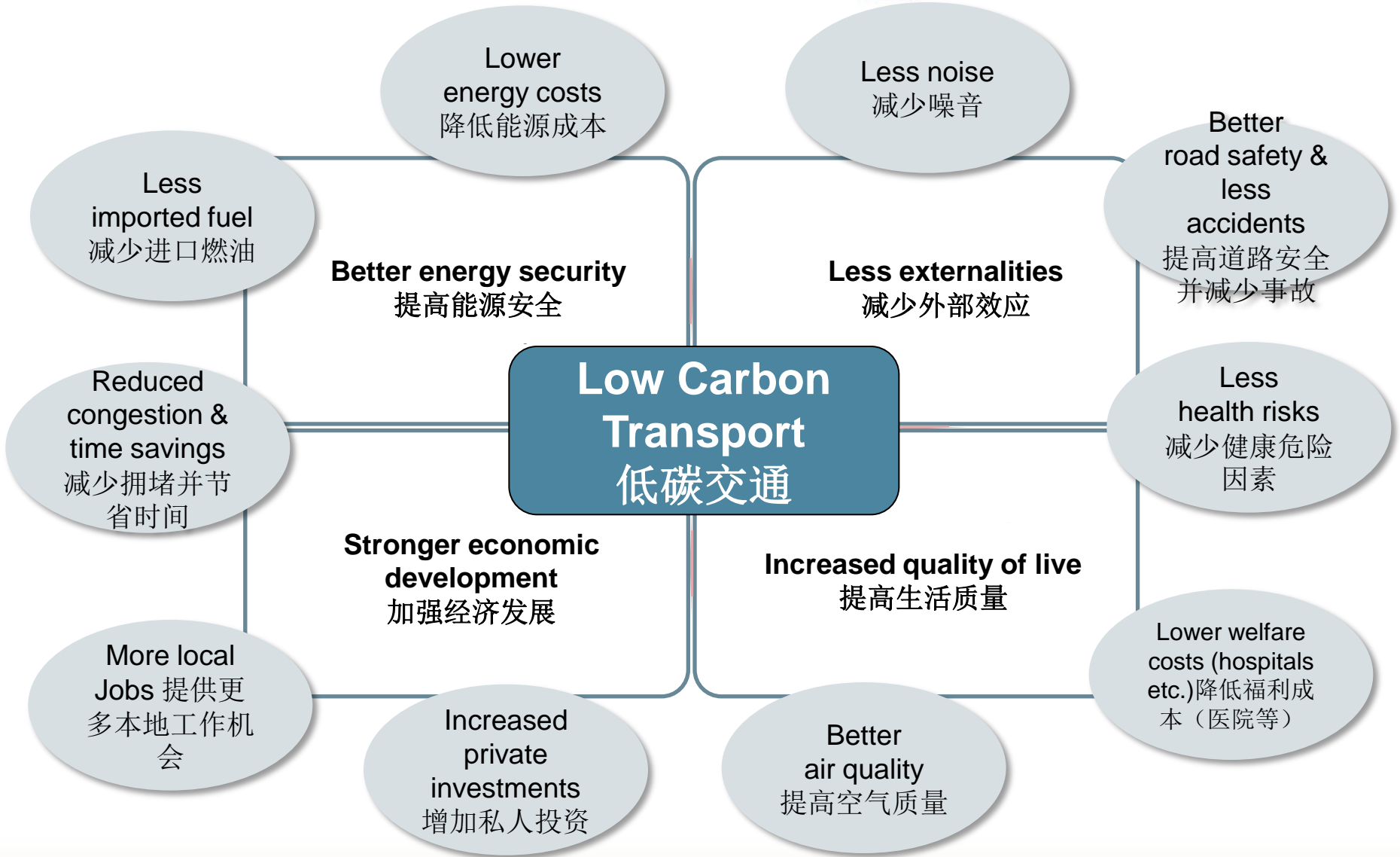
For private and
public transport
(GHG reduction through
better use of energy) 针对私家车和公共交通 (通过更好的
能源利用方式减少温室气体)



Based on
life-cycle assessment
(GHG reduction through
renewable energy) 以生命周期评估结果为碳 (通过可再生
能源减少温室气体)

**Low-Carbon Fuels
低碳燃油**

Achieve co-benefits! 实现协同效应!

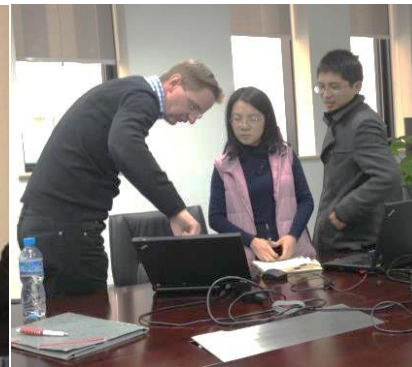




3. The Training 培训

Scope of the Training 培训范围

- Access to international good practice through well-know, international speakers 通过国际知名讲解员的解说了解国际最佳实践方法
- In-depth insights of “low carbon” issues in urban transport 深入了解城市交通的“低碳”问题
- Discuss how to localize and adapt international experiences the Chinese context 讨论如何将国际经验在中国本地化和应用



Methodology of the Workshop

研讨会法

- Topics illustrated by case studies and examples 通过案例研究和示例阐明议题
- Comprehensive approach to low carbon transport 综合低碳交通方法
- Interactive discussions and group work 互动讨论和小组活动

What does “interactive” mean?

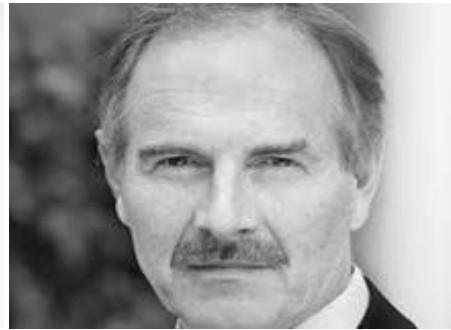
“互动”意味着什么？

- Sufficient time for group work 充分小组活动时间
- Card writing and visualization 卡片制作和张贴
- Reporting results back to the plenary 在全体会议上报告结果



Trainers & Moderators

培训教师与主持人



3-Day Overview

3天培训概览

- **Day 1: 第一天:**
 - Scenarios and Quantification 方案和量化
- **Day 2: 第二天**
 - Strategic Integrated Planning and Institutional Arrangements
综合战略规划和制度安排
 - Sustainable Urban Mobility Plans and Sustainable Transport Modes
可持续城市交通规划和可持续交通模式
- **Day 3: 第三天:**
 - Financing Sustainable Urban Transport 可持续城市交通的筹资
 - Energy Conservation and Emission Reductions of BRT
BRT节能减排



Agenda议程

Nov 26

Morning

- Welcome and opening ceremony
- Keynote: Introduction to Low Carbon Transport

Afternoon

- Scenarios for Policy Development for Low Carbon Transport System Construction
- Transport Energy Consumption and Air Quality Statistics and Monitoring System

11月26日

上午

- 欢迎仪式及开课典礼
- 主旨：介绍低碳交通

下午

- 低碳交通系统构建相关政策制定议案
- 交通能量消耗量、空气质量统计数据 and 监控系统



Agenda

Nov 27

Morning

- A Strategic Planning Approach: “SteP” Transport Plan of Berlin
- Frankfurt: Innovative Institutional Arrangements for Public Transport Planning and Management
- Sustainable Urban Mobility Plans

Afternoon

- Sustainable Modes and Effects of Policies and Measures

11月27日

上午

- 战略规划法：柏林“分步”交通规划
- 法兰克福：公共交通规划和管理相关创新制度安排
- 要持续城市交通规划

下午

- 可持续交通方式，及政策和措施的影响



Agenda

Nov 28

Morning

- Financing Mechanism for Public Transport
- Financing Sources for Low Carbon Transport
- National Urban Transport Policies and Programmes

Afternoon

- Energy Conservation and Emission Reductions of BRT projects BRT
- Evaluation

11月28日

上午

- 公共交通筹资机制
- 低碳交通资金来源
- 国家城市交通政策和方案

下午

- 项目的节能减排
- 评价

Thank you!
谢谢!

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www.climatepolicy.cn

www.sustainabletransport.org

www.giz.de/transport

