



EU-China Cooperation in Road Transport Research: Leading The Way

中欧交通领域的合作：一路领先

The SIMBA II project
SIMBA II 项目

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Why Cooperation between EU and China in Road Transport? 交通领域中欧合作的必要性

- Europe and China face the same challenges:
中国与欧洲面临同样的挑战:
 - Increased number vehicles on roads 不断增长的车辆保有量
 - Increased congestion 不断增长的交通堵塞
 - Increased road accidents 不断增长的交通事故率
 - Air pollution 空气污染
 - Rapid urbanisation 城市化进程加快
 - Climate Change 气候变化
- Scientific research itself is increasingly international
科研本身的不断国际化
- Promote standards and technologies globally
倡导技术与标准的国际化



EU-China Cooperation in Road Transport: The Approach

合作之路





The SIMBA II project SIMBA II项目宗旨

....strengthening road transport research cooperation between Europe and emerging international markets to increase road safety, quality of mobility, and transport efficiency... 加强欧洲与新兴市场国家在道路交通研究领域的合作，以改善交通安全、提高交通的效率和质量





The SIMBA II project in China

SIMBA II项目在中国

Partners 合作伙伴

- ITS China, Research Institute of Highways, Beijing
国家智能交通研究中心, 交通部公路交通研究院, 北京
- Tongji University, Shanghai
同济大学, 上海

Activities: 主要活动

- To create a communication platform for transport researchers from EU and China
为中欧交通领域的研究人员建立一个交流的平台
- To identify priorities for cooperation between EU and China in road transport
确定中欧交通领域研究的合作重点
- To exchange of knowledge on best practice and lessons learnt
交流成功的经验与教训





The SIMBA II project in China

SIMBA II项目在中国

Priorities identified 合作重点: Electrification of Vehicles 电动汽车

- Estimating roadmap of electric vehicles application
- 确定电动汽车应用的发展方案
- Improving road safety related to applications of electric vehicles
- 改善与电动汽车相关的交通安全
- Sharing information on development and deployment of electric vehicles
- 分享电动汽车技术和应用的相关信息
- Understanding impacts of electrification of vehicles on infrastructure
- 探讨电动汽车对基础设施的影响

ITS & Environment 智能交通与环境

- Air pollution data collection, progress and modelling
- 空气污染的数据收集、处理和模型的建立
- ITS for energy efficiency and Eco Driving
- 节能减排和节能驾驶





The SIMBA II project in China

SIMBA II项目在中国

Priorities identified 合作重点:

ITS & Road Safety 智能交通与交通安全

- Safety education for both new drivers and experienced drivers
- 开展对司机（新手与有经验的司机）的安全教育
- Encouraging the use of ADAS in commercial vehicles
- 鼓励在商业车辆中使用辅助驾驶系统
- Standardisation of road design and traffic signal control
- 道理和交通信号设计的标准化

ITS Training & Education 智能交通培训与教育

- ITS training materials for professionals, public and policy makers
- 面向专业人士、公众和政策制定者的智能交通培训材料
- Dissemination of successful experiences of ITS applications
- 分享智能交通应用的成功经验

