

交通支撑城镇化可持续发展 – 来自欧洲的经验

Transport Support Sustainable Urbanization - Experiences
from Europe

孙胜阳

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What GIZ stands for...

Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH ("German Technical Cooperation")

German state-owned enterprise
working on behalf of the German government

International cooperation
for sustainable development
(transport just one sector)

Operates in more than
130 countries (in China for more
than 30 years)

Business
volume 2012
2 billion EUR
(40 Mio. EUR
in China)



Approx. 17,000
staff members
(ca. 170 in China)

GIZ Sustainable Transport in China: What we do...

- Sustainable Transport Programme: Established **2010**
- Focus: **Contribute to the Development of Low Carbon Transport System**
- Key Activities:



Climate Protection:
Policies and
Measures



Sustainable
Urban Transport



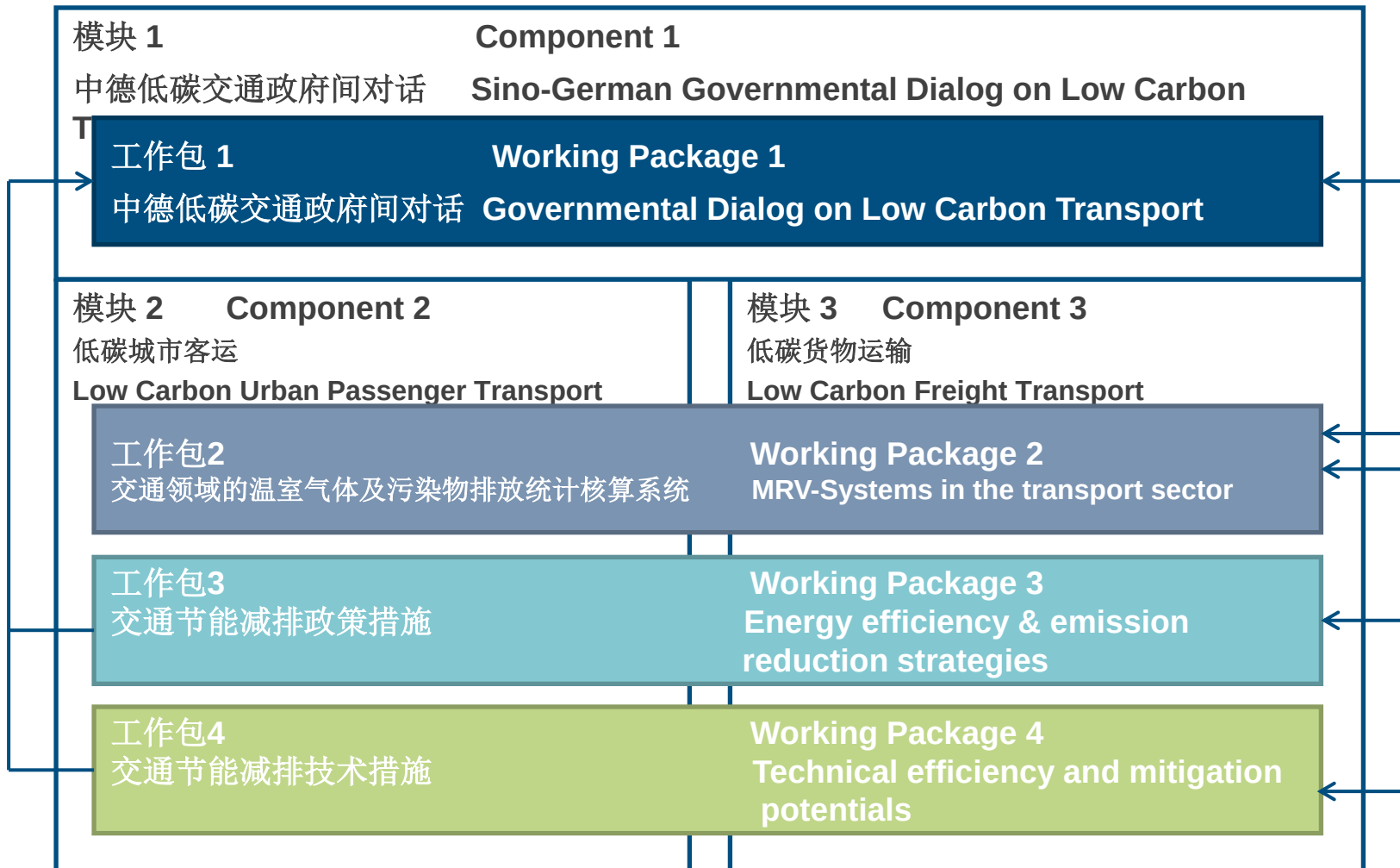
Electric Mobility and
Alternative Fuels



Freight Transport
and Green Logistics

- Cross-cutting issue: **Carbon Accounting and Emission Evaluation**

中德低碳交通合作项目 Sino-German Cooperation on Low Carbon Transport





1 China's Transport Challenges



The former Kingdom of Bicycles...

Source: Wang Wenlan



...already turned into the Kingdom of cars!



Challenges

日益增加的交通出行需求

Urbanisation challenge

600 million people in China live in cities.

About **1 billion** people will live in China's cities by 2030.

More than **220 Chinese cities** will have at least one million inhabitants.

By 2025 **90%** of China's GDP will be generated in the cities.



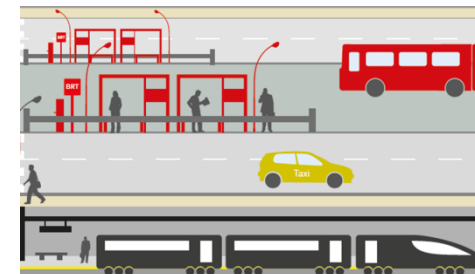
Urban Transport challenge

Every day **35.000 cars** are registered in China. Most of them in cities.

20-30% of urban air pollution can be traced back to road transport.

On an average day Beijing's air pollution is **3.5 times higher** than recommended by WHO.

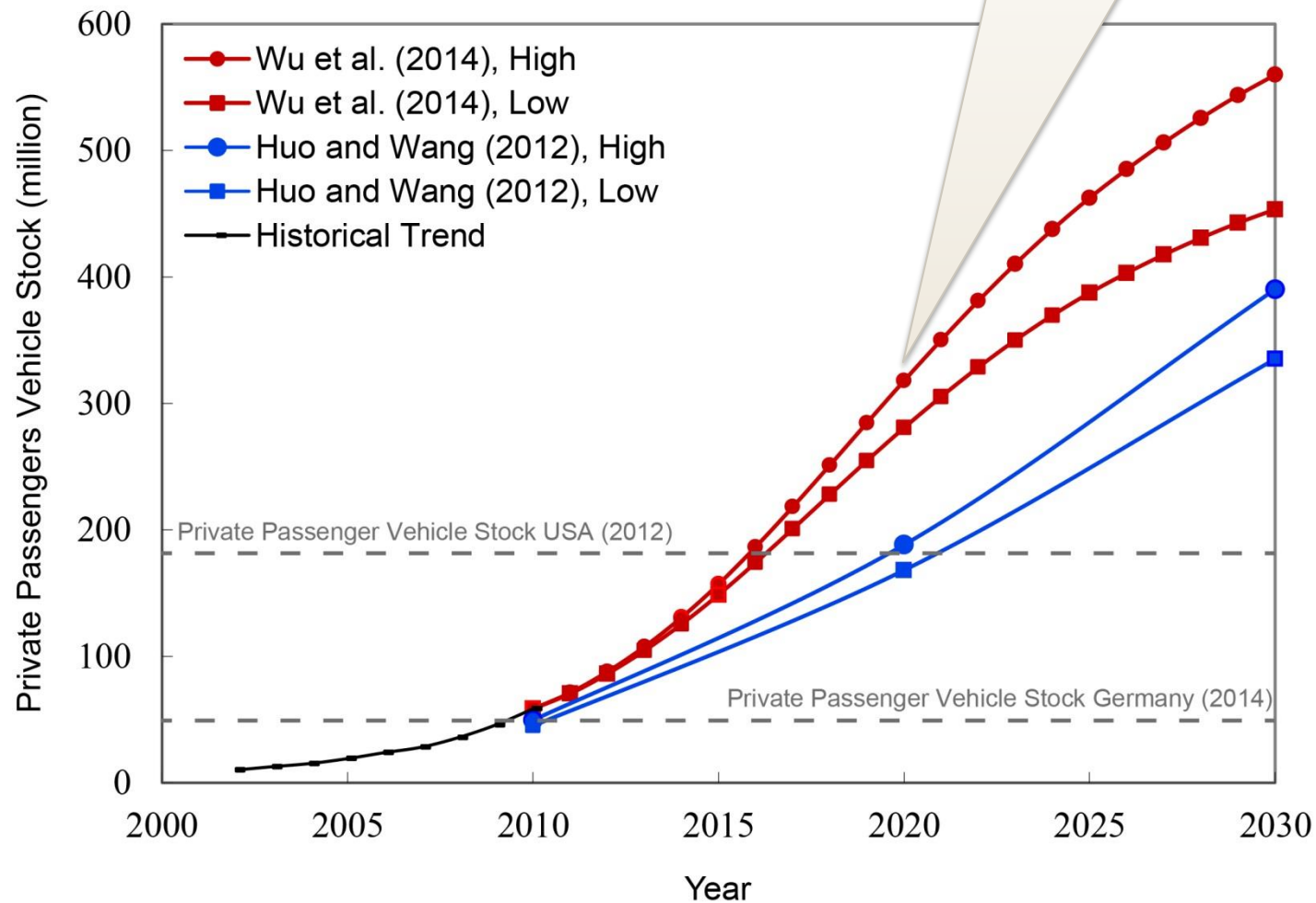
Car ownership rate in Beijing already **240 cars per 1000** residents.





快速机动化挑战

5 Mio. NEVs in 2020?





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