



**XXIV<sup>th</sup> WORLD  
ROAD CONGRESS**  
Mexico City 2011

# Roadmap to Sustainable and Well-off China

*Perspectives of Road Transportation Development*

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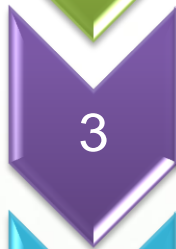




- The status quo of China's road development



- China's socio-economic development trends



- Road transportation planning



- Visions on road development



# The Status Quo of China's Road Development

- National Trunk Highway System
- National Expressway Network Plan
- Rural Roads Development Plan

As of 2010:

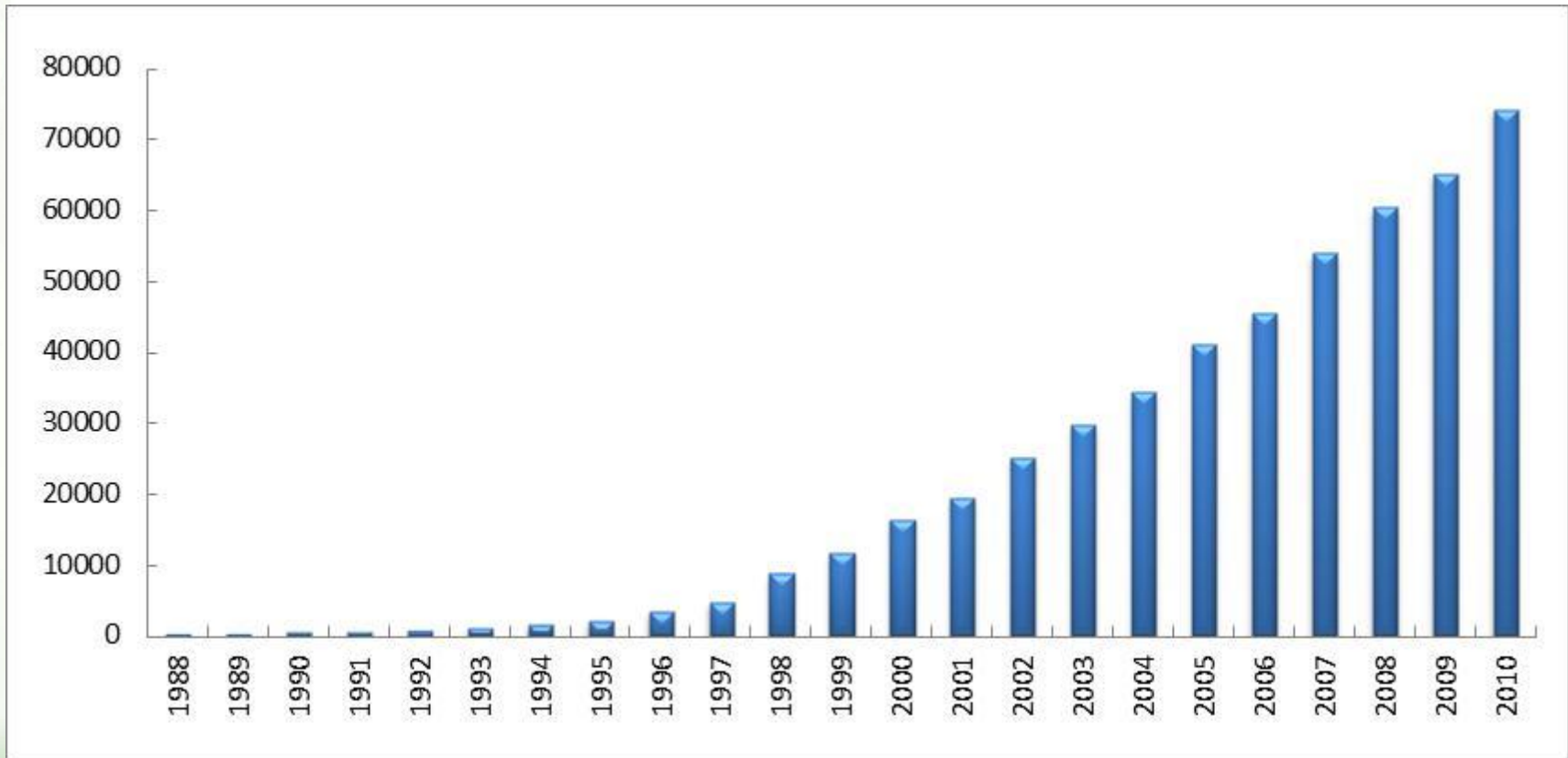
Mileage: 4 million km

Density: 42 km-per-100km<sup>2</sup>

国道主干线系统布局方案示意图



# Unprecedented Expressway Development



The Growth of Expressway Mileage (km)



# Unprecedented Expressway Development

## National Trunk Highway System



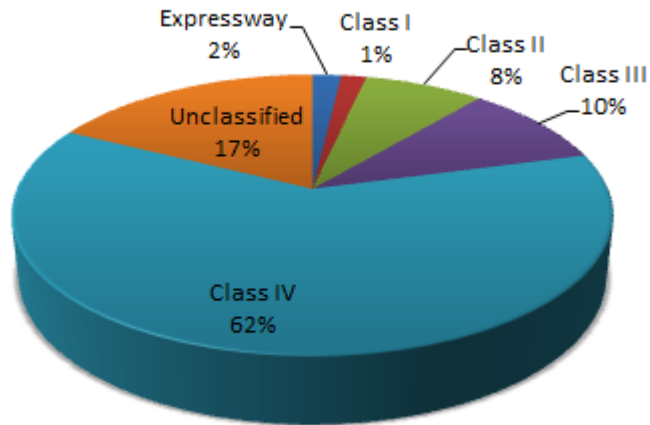
# Unprecedented Expressway Development

## National Expressway Network

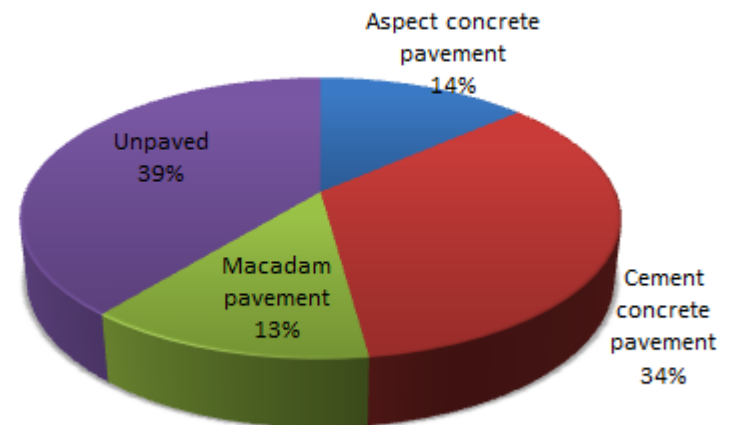


# Composition of Roads

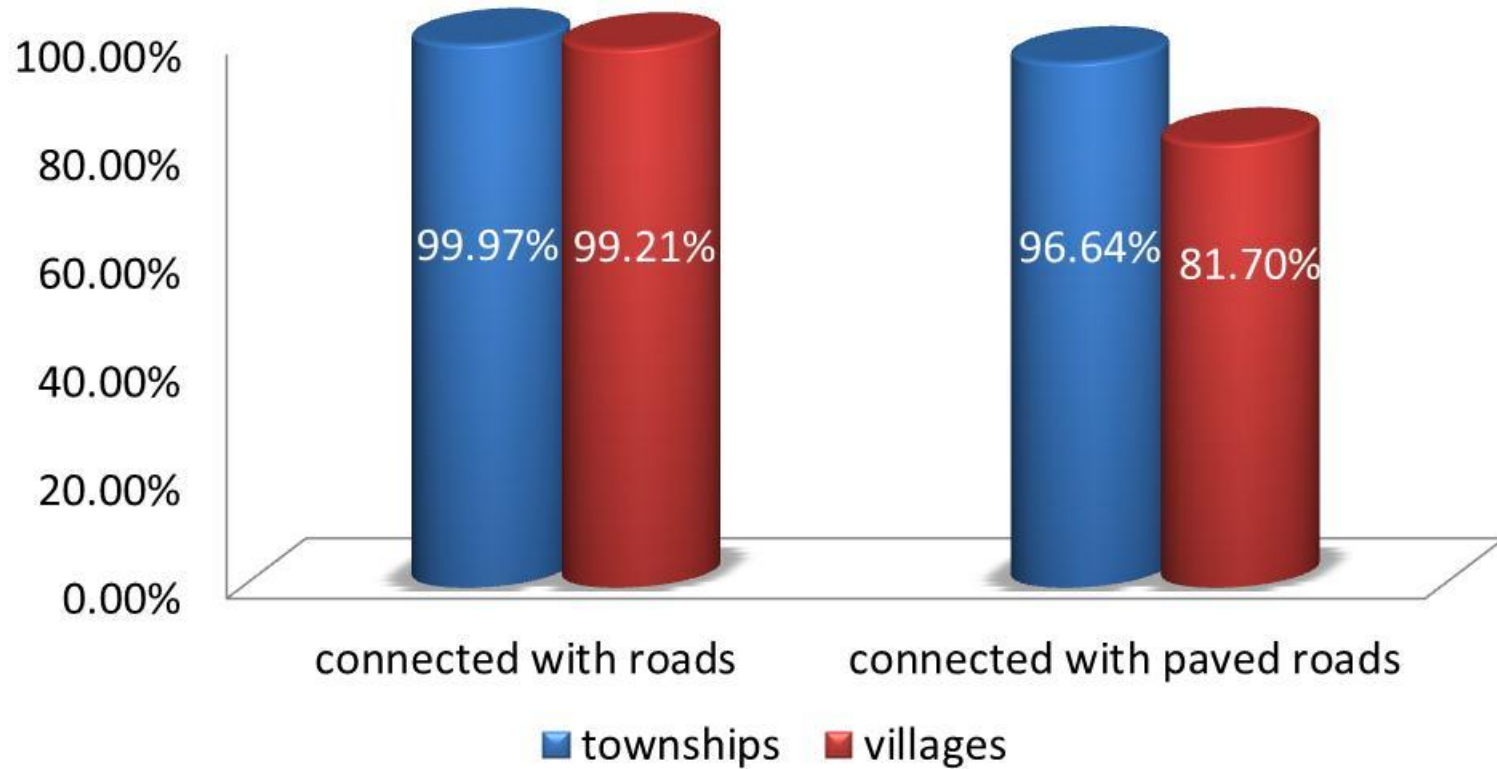
## Technical Classification (2010)



## Pavement Classification (2010)

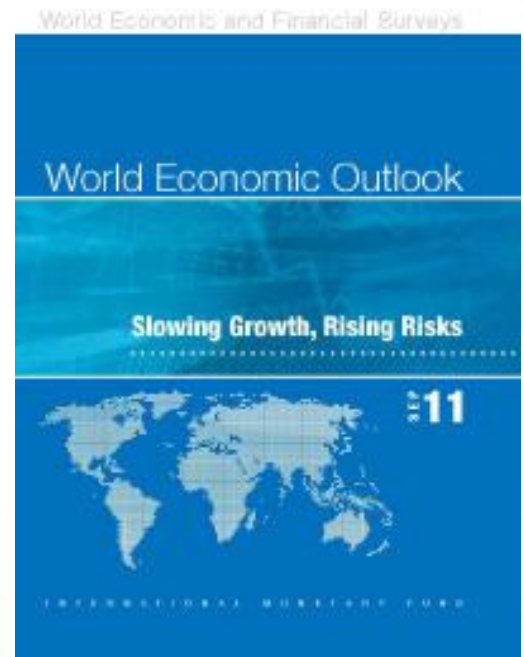
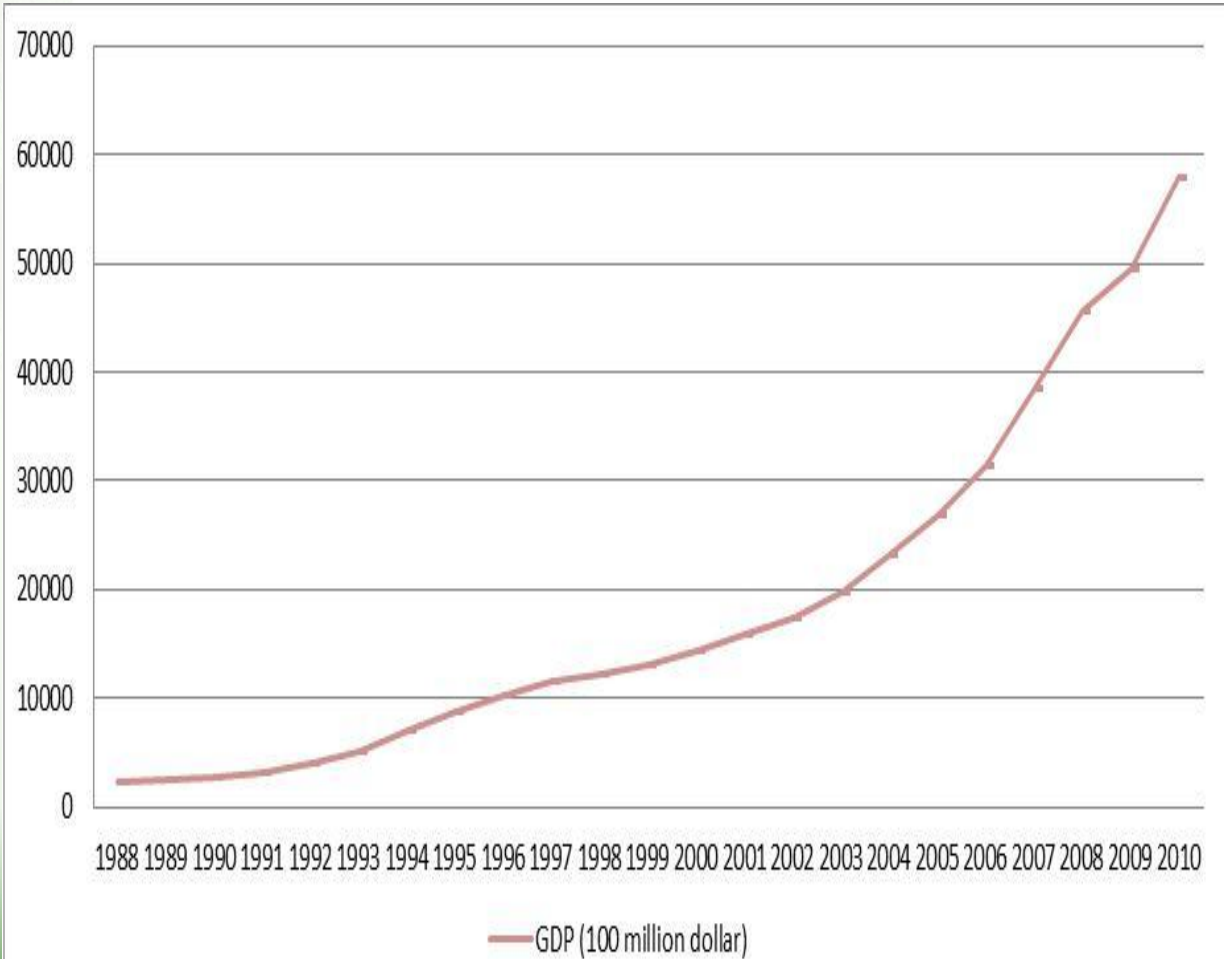


## Rural Road Accessibilities

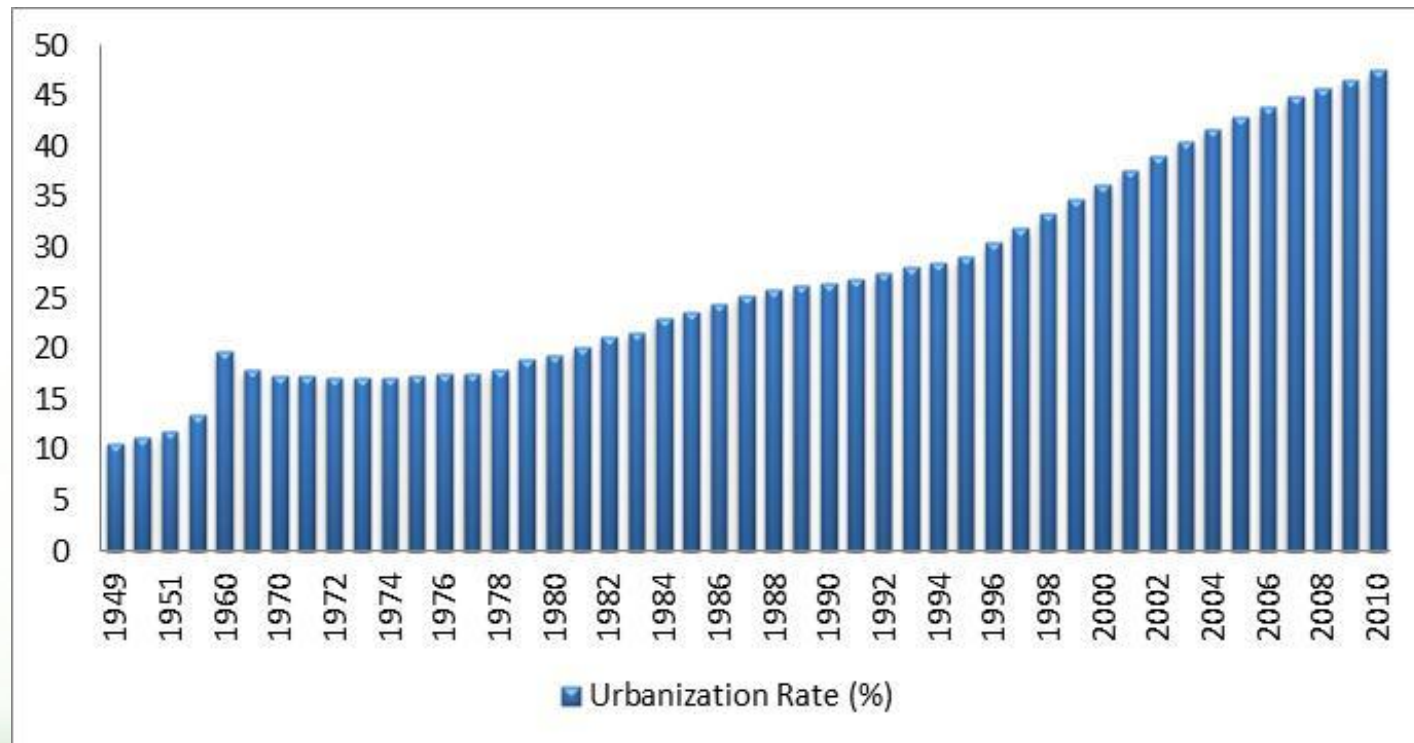




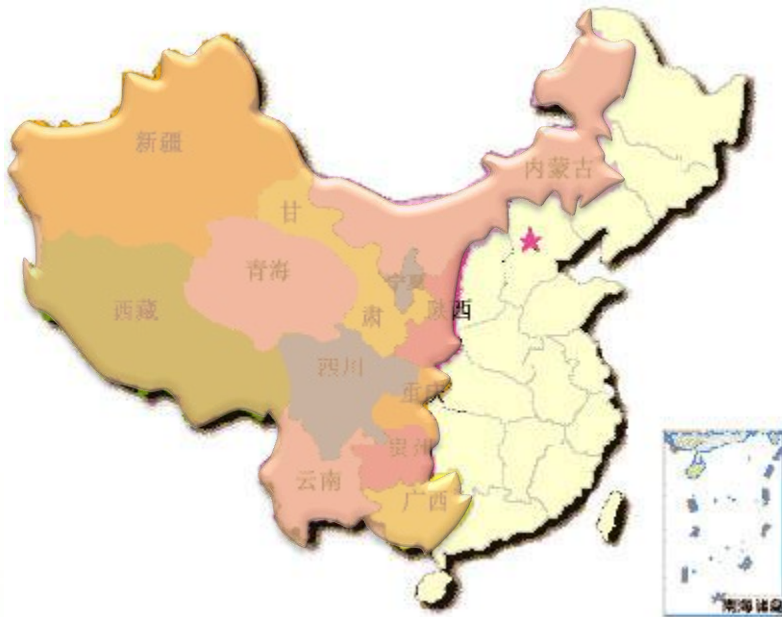
## Rapid Economic Growth



## Rapid Urbanization



## Foster Balanced Regional Development



Western Development Plan



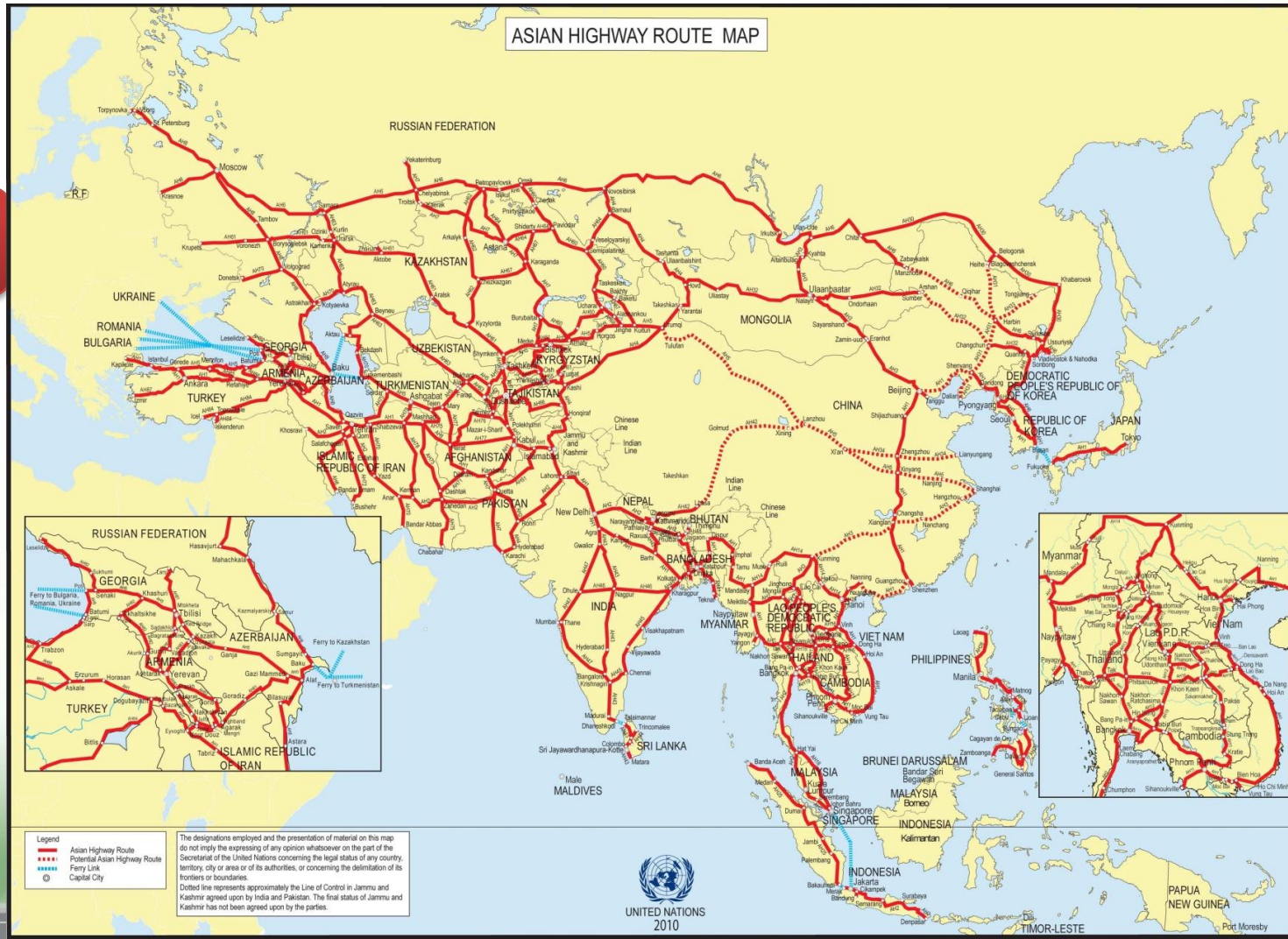
Rising of the Central Regions



# Promote Economic Globalization

International road transport

--11 bilateral road transport agreements  
 --3 multilateral road transport agreements



## Energy-saving and Environmental-friendly Society

- China National Climate Change Program

- China's policies and actions on climate change to promote low carbon economy



# General Principles for the Planning Adjustment

## Oriented to Socio-Economic changes and Challenges

Rapid economy growth resulted in surging traffic demands

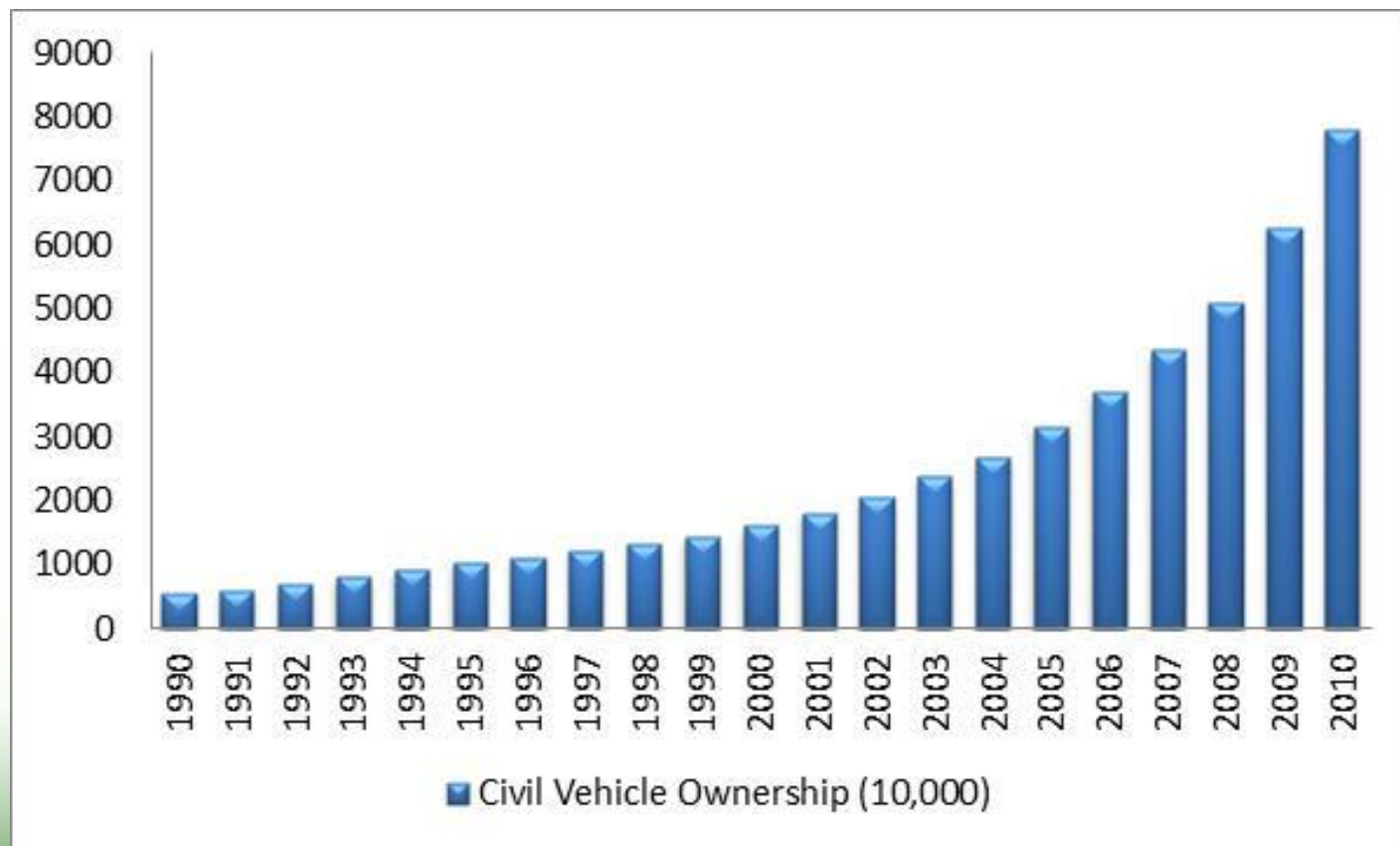
The speedy urbanization imposed more challenges

The economic globalization and the opening policy will bring continual growth in cross border transportation

The change of other vital strategies requires road sector to respond proactively



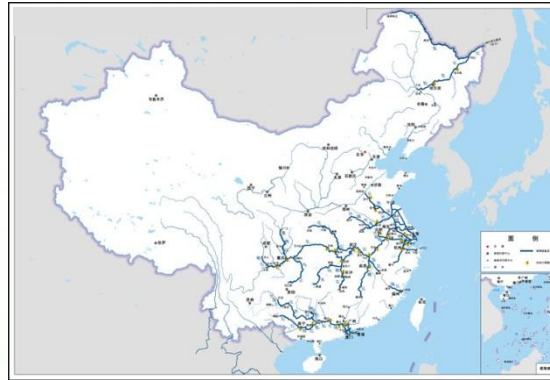
## Oriented to Transport Demands of the General Public



## Coherent with other Transportation Modes



Mid-term and Long-term  
Railway Network Plan



Inland Waterway and  
Port Plan



Civil Airport Plan





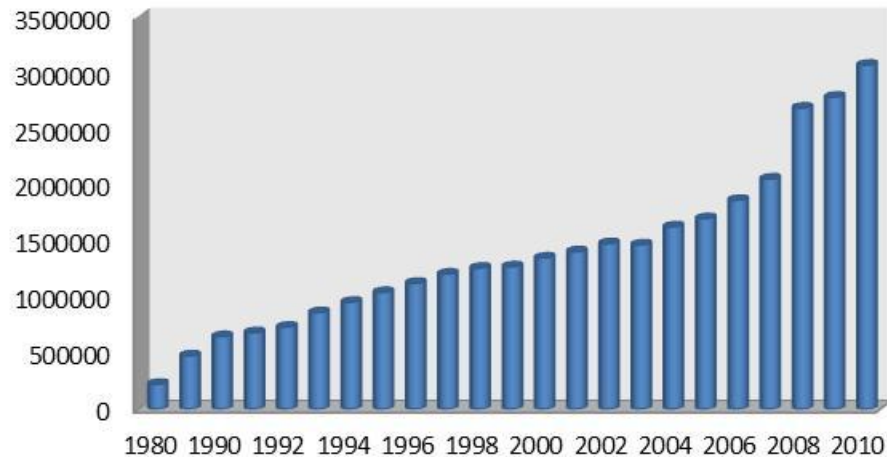
# Oriented to Surging Growth of Road Transportation

Road passenger transportation (2010):

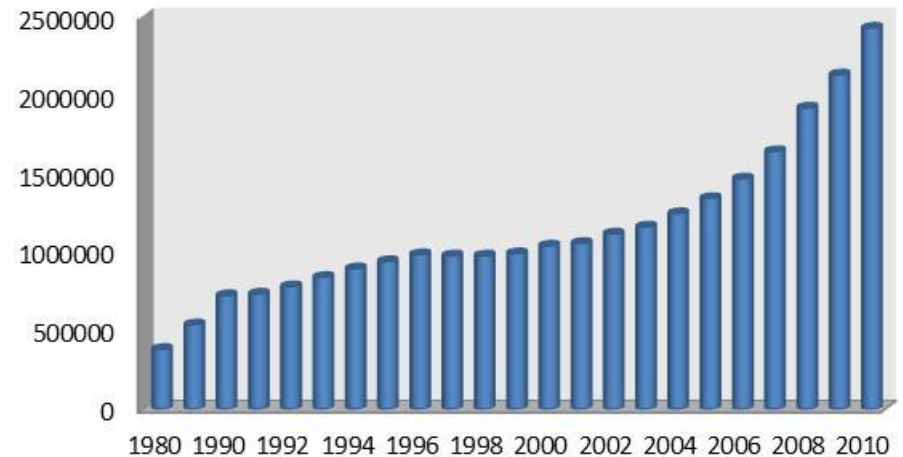
30.6 billion persons; 1.49 trillion passenger-kilometers

Road freight transportation (2010):

24.3 billion tons; 4.3 trillion ton-kilometers



■ road passenger (10,000)



■ road freight (10,000 tons)



# National Highway System



## National Expressway Network



# National Highway System

## National Highway Network



# Road Transportation Hubs

## National Highway Transportation Hub Plan



**The current period from 2010 to 2020 is a crucial one for China**

*To pursue economic development and improve people's lives has always been the top priority of the Chinese government.*

*We will stick to scientific development, work hard to shift the model of economic development and achieve green, low-carbon and sustainable development.*



# Visions on Future Road Development

## Highlighted Regional Consensus

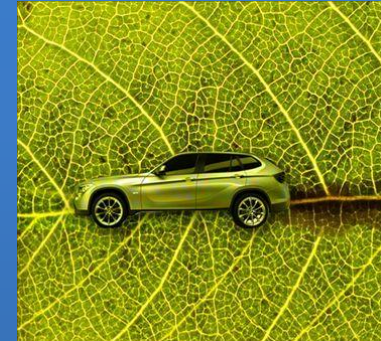
- A Safe, Secure, Seamless and Sustainable Transportation System
- Instrumental Role in responding to Challenges and Natural Disasters
- Green Growth and Innovation, Low-carbon Transport System
- Strengthening Regional Economic Collaboration



# Visions on Future Road Development

## Highlights on China Green Transport Development Strategy

- Improving Regulatory Framework
- Pursuing Integrated Transport System
- Prioritizing Public Transport
- Disseminating Application of Science and Technology and IT
- Introducing International Advanced Expertise and Best Practices



## Visions on Future Road Development

China's road sector will continue to foster and support China's economic growth over a longer period at a higher level and better quality,  
make new contributions to robust, sustainable and balanced growth of the global economy.





# *Roads for a better life*

**Thank You**

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