

# China Europe International Transport Research and Education Cooperation Demand

Dr. YANG Xinmiao  
xmyang@tsinghua.edu.cn  
Tsinghua University  
Beijing, China

# China's ambitious **Comprehensive Transportation System**

- China Ministry of Transportation's institute reform
  - Before 2008, only *highway* and *waterborne* transport
  - from 2008 begin to administrate *public transport* and *aviation*
  - In 2013 Rail transport becomes a part of China MOT
- China National transport network
  - 2011, 4.10 million km highway, including 84 900 km freeway
  - 2012, railway network is 98 000 km, 9356 km High Speed Rail
  - 2011, urban public transport routes length is 673 000 km, urban rail system is 1699 km, 70 billion public transport trips
  - 2011, 180 civil airports
  - 2011, 125 000 km waterways

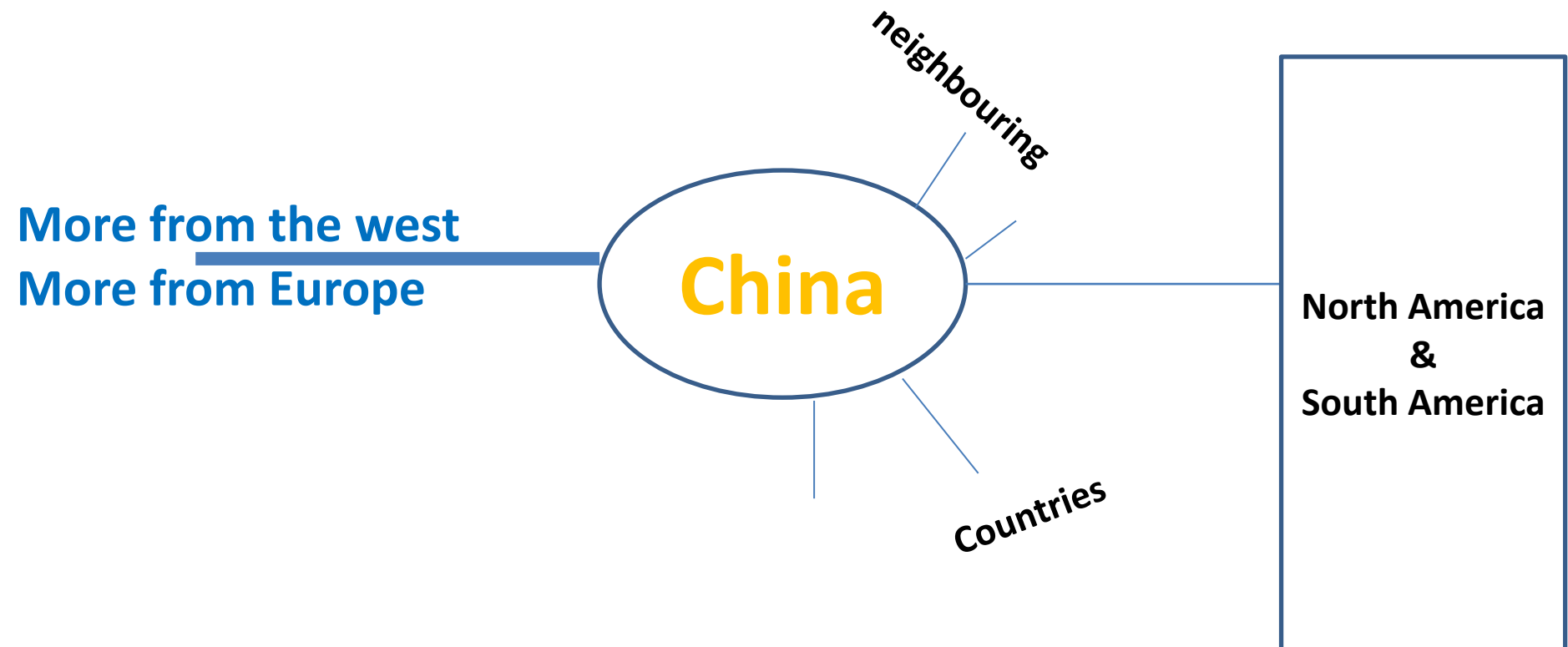
# Automobile Production in China from 2001-2011

Year	China	U.S.	Japan
2001	234.153	1142.469	977.719
2002	325.366	1227.958	1025.732
2003	444.349	1211.497	1028.622
2004	507.077	1198.939	1051.152
2005	570.769	1194.665	1079.966
2006	727.973	1126.399	1148.423
2007	888.246	1078.073	1159.633
2008	934.510	870.524	1156.363
2009	1379.099	573.140	793.406
2010	1826.467	776.144	962.594
2011	1841.888	865.356	839.865

# Vehicle ownership and licensed drivers

- 2012, vehicle ownership 120 million
- 2012, drivers with car driving license exceeds 200 million

# China's transportation learning path



# Joint research and education opportunities

- China's public transportation system with 70 billion trips could get more from Europe's public transport system, and Europe could find more business opportunities in help Chinese cities in urbanization with transit tool
- China's Curitiba - ZaoZhuang City (Shandong Province) transit city pilot project, BRT bus operation speed more than 50km/h

# Joint research and education opportunities

- **2012, 250 million students in China**
- **No systematic formal traffic safety education and training courses provided in Chinese schools, colleges and universities**
- **Lack of sustainable transport concepts and ideas. Car dominated culture and chasing for mobilization**
- **Should encourage the cultivation of public transport and bicycle users**
-

Joint research and education opportunities

**To deal with the Language problem**

- **Joint Information centers in China**