



# CAN CHINA'S TRANSPORT DEVELOPMENT BE COPIED?

DR. LONG JING

DEPUTY DIRECTOR OF THE CENTER FOR EUROPEAN STUDIES

SHANGHAI INSTITUTES FOR INTERNATIONAL STUDIES

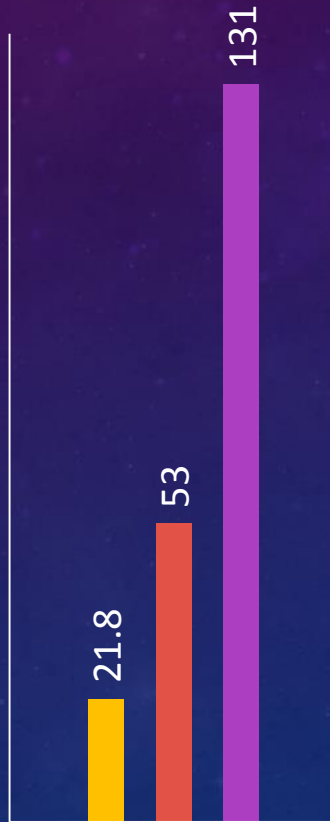
- 
- Rapid Development of Domestic Transport in China
  - “Go Global” Strategy of Chinese Transport & Infrastructure Industry
  - Challenges and Opportunities of Chinese Transport’s Domestic and Overseas development

# COMPARISON BETWEEN 1949, 1979 & 2018

ROAD MILEAGE  
(thousand km)



RAILWAY MILEAGE  
(thousand km)



FLIGHT MILEAGE  
(thousand km)



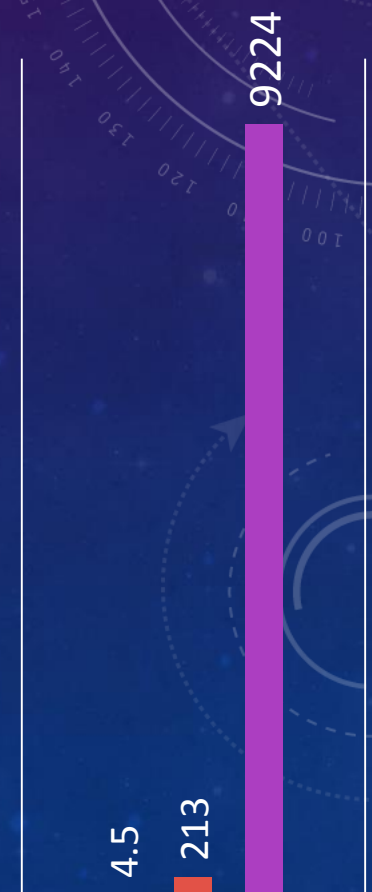
PASSENGER VOLUME  
(million)



FREIGHT VOLUME  
(million metric ton)

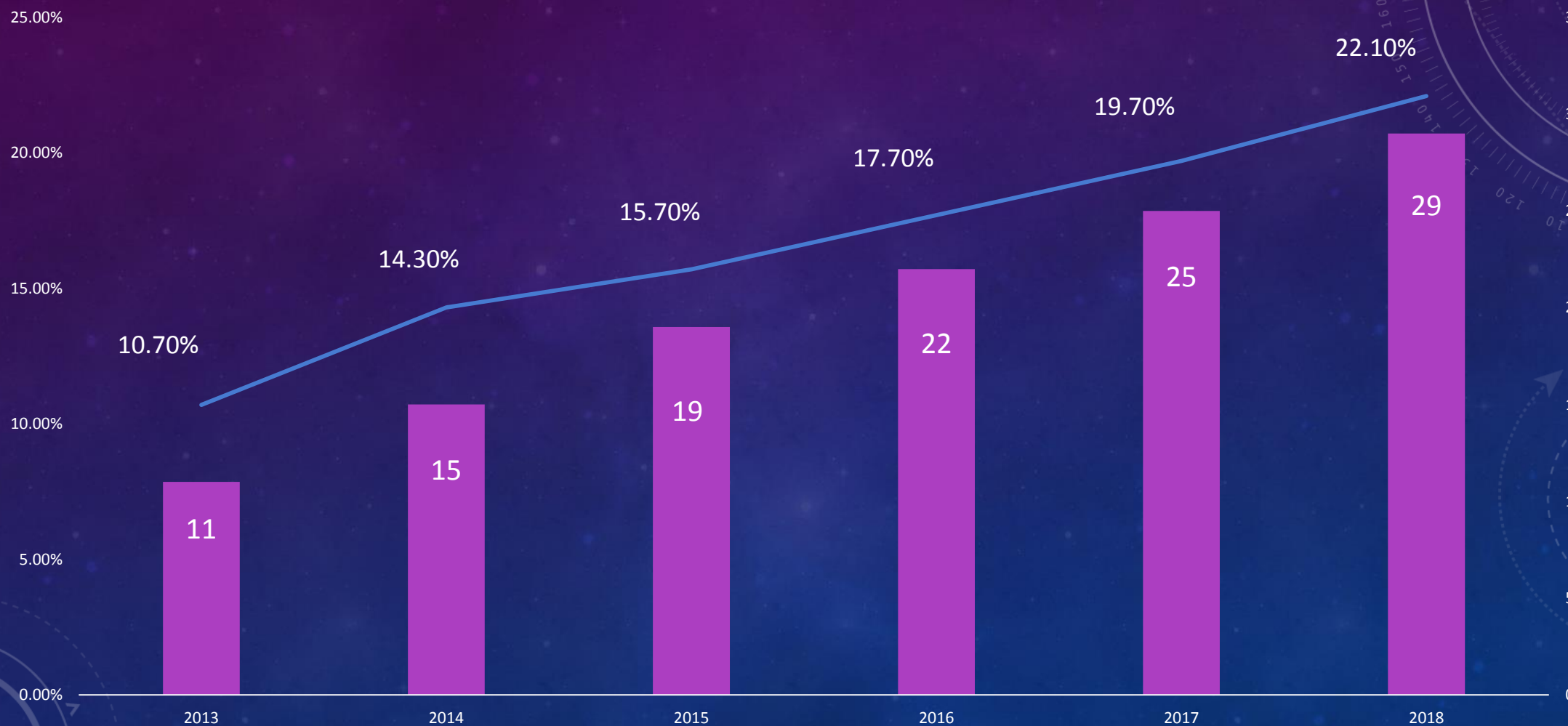


MAIN SEAPORTS' THROUGHPUT  
(MMT)



# OPERATING HIGH-SPEED RAIL MILEAGE & ITS SHARE OF TOTAL RAILWAY MILEAGE (2013-2018)

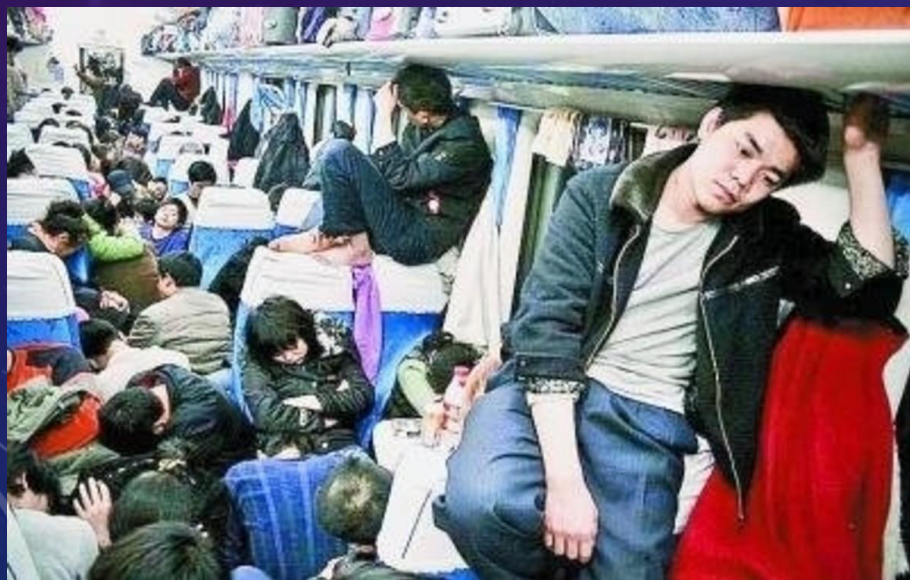
(THOUSAND KM, %)



# Factors behind the rapid development of Chinese railway transport

- Huge demand for traveling
- National planning by the central government
- Huge input of the public finance
- Imported and self-innovated technical support
- Expectations for economic and social benefits during and after the financial crisis

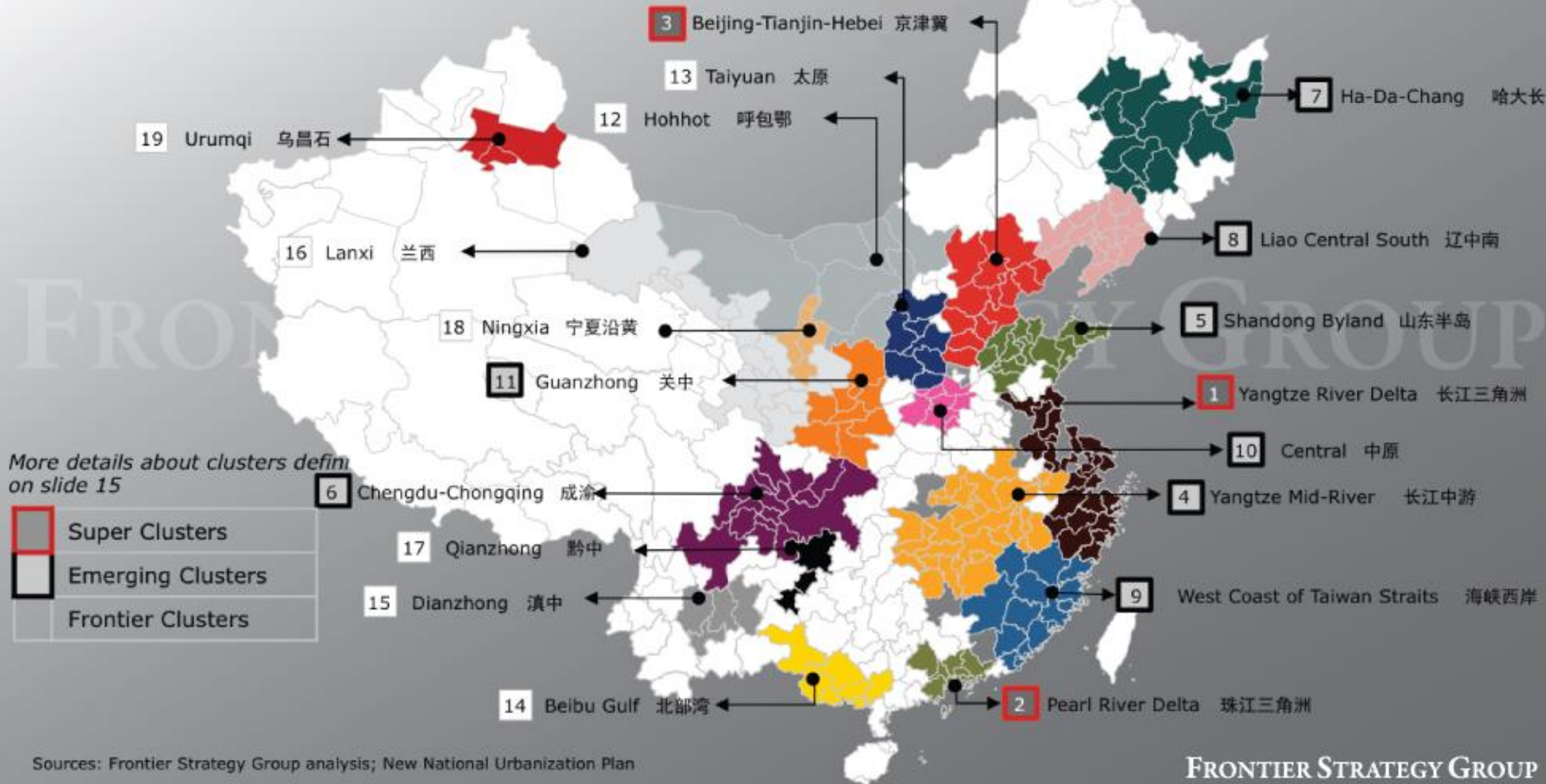
# CHINA'S DEVELOPMENT OF HIGH SPEED TRAIN



# National Plan of High Speed Rail Network



### China's 19 City Clusters Development Blueprint by 2020



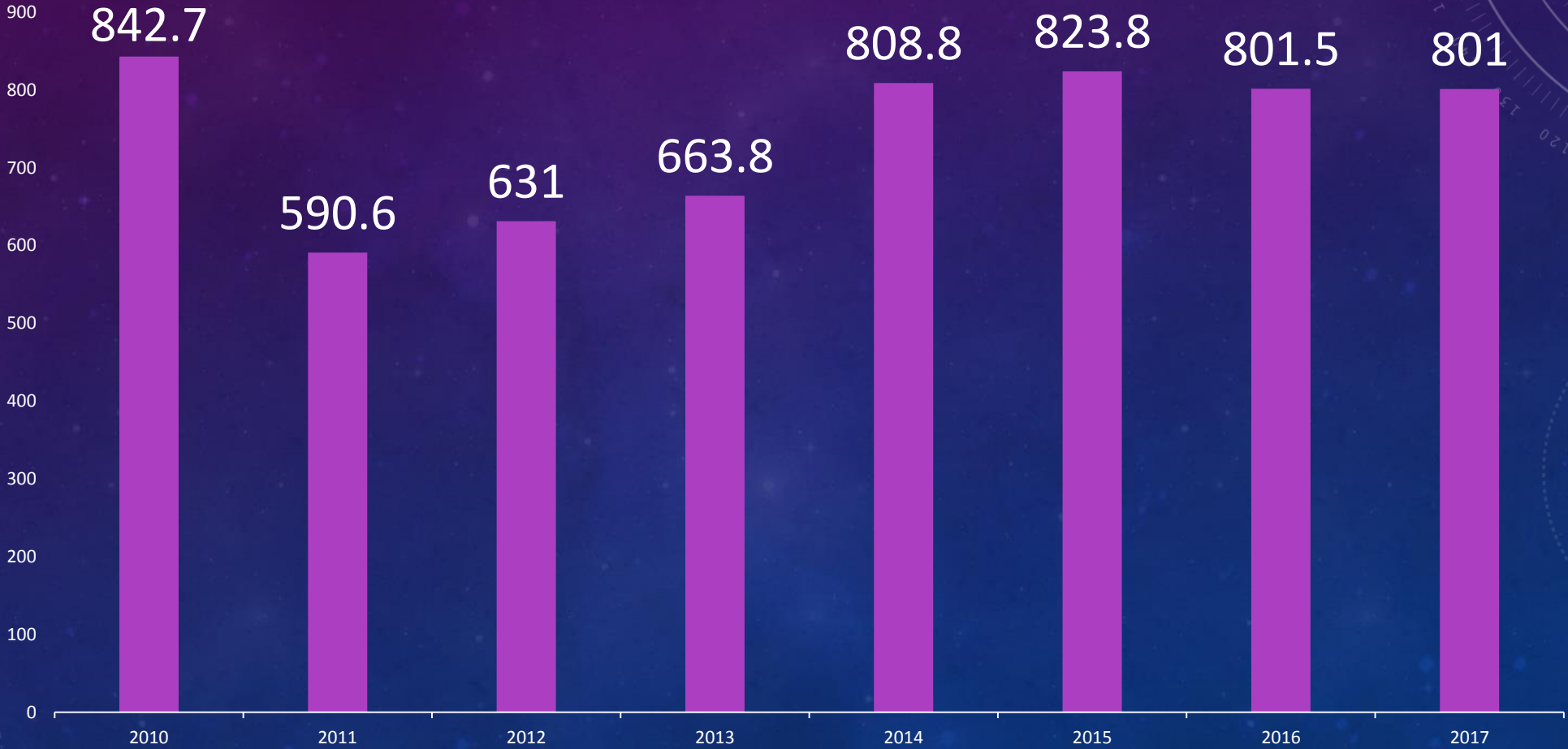
More details about clusters defined on slide 15

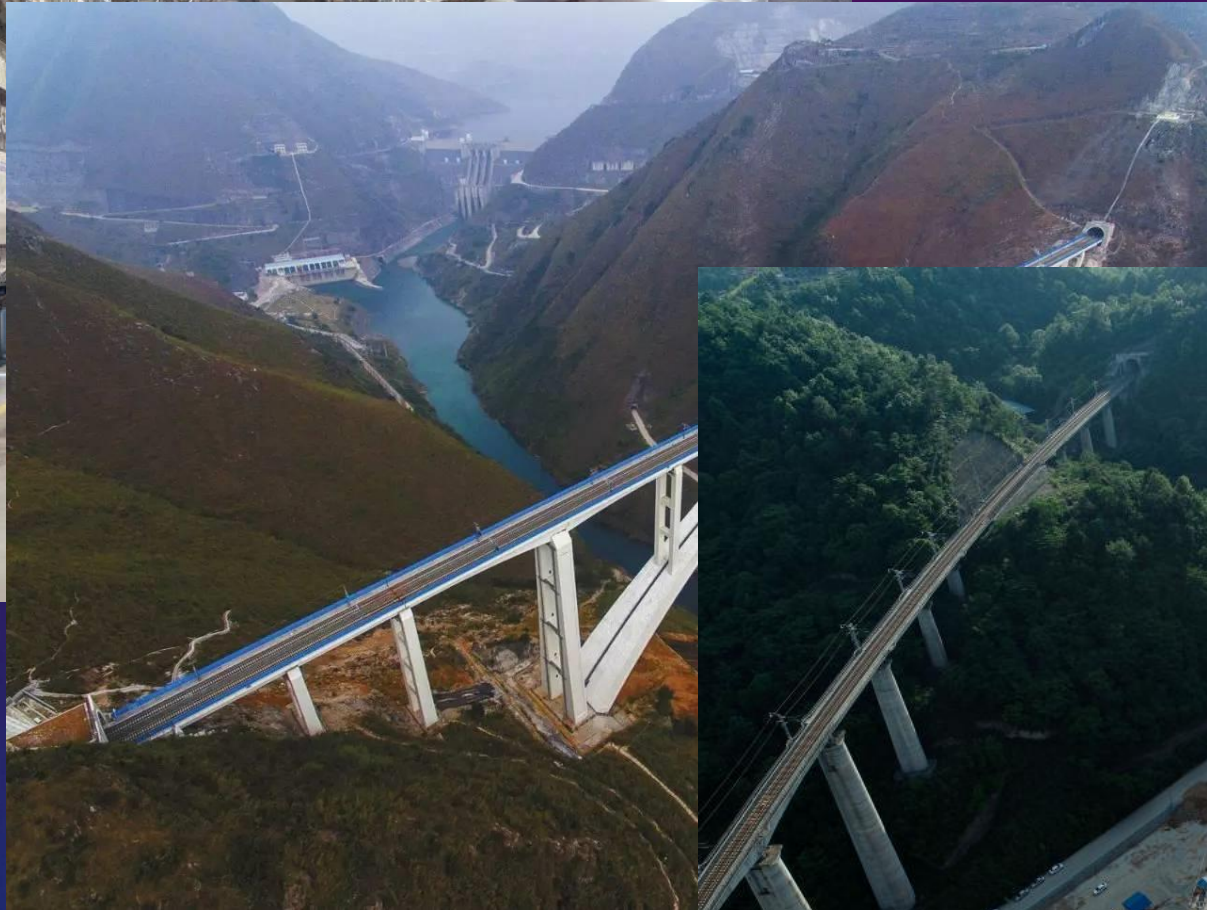
Sources: Frontier Strategy Group analysis; New National Urbanization Plan



# Fixed Investment of Chinese Railway from 2010-2018

(billion, RMB)





# ■ “GO GLOBAL” STRATEGY OF CHINESE TRANSPORT & INFRASTRUCTURE INDUSTRY

- Infrastructure construction projects
- New transport routes towards Europe

# • Infrastructure Construction Projects

Duration	Project name	nationality	Current state	Nature
2009.09-2011.06	A2 motorway	Poland	Project terminated, dispute settled	China's first infrastructure project in Europe
2013.12-	Serbian-Hungarian railway	Serbia & Hungary	Serbian part: in construction Hungarian part: in the bidding	China's first cross-border infrastructure project in Europe
2011.10-1014.12	The Zemun-Borca Bridge	Serbia	In service	China's first bridge built in Europe
2014.12-	priority part (Bar-Boljare) of North-South highway	Montenegro	In construction	priority section of Montenegro's first highway
2018.01-	Pelješac Bridge Project	Croatia	In construction	First EU Founded construction project built by Chinese enterprises through bidding

- New freight routes towards Europe

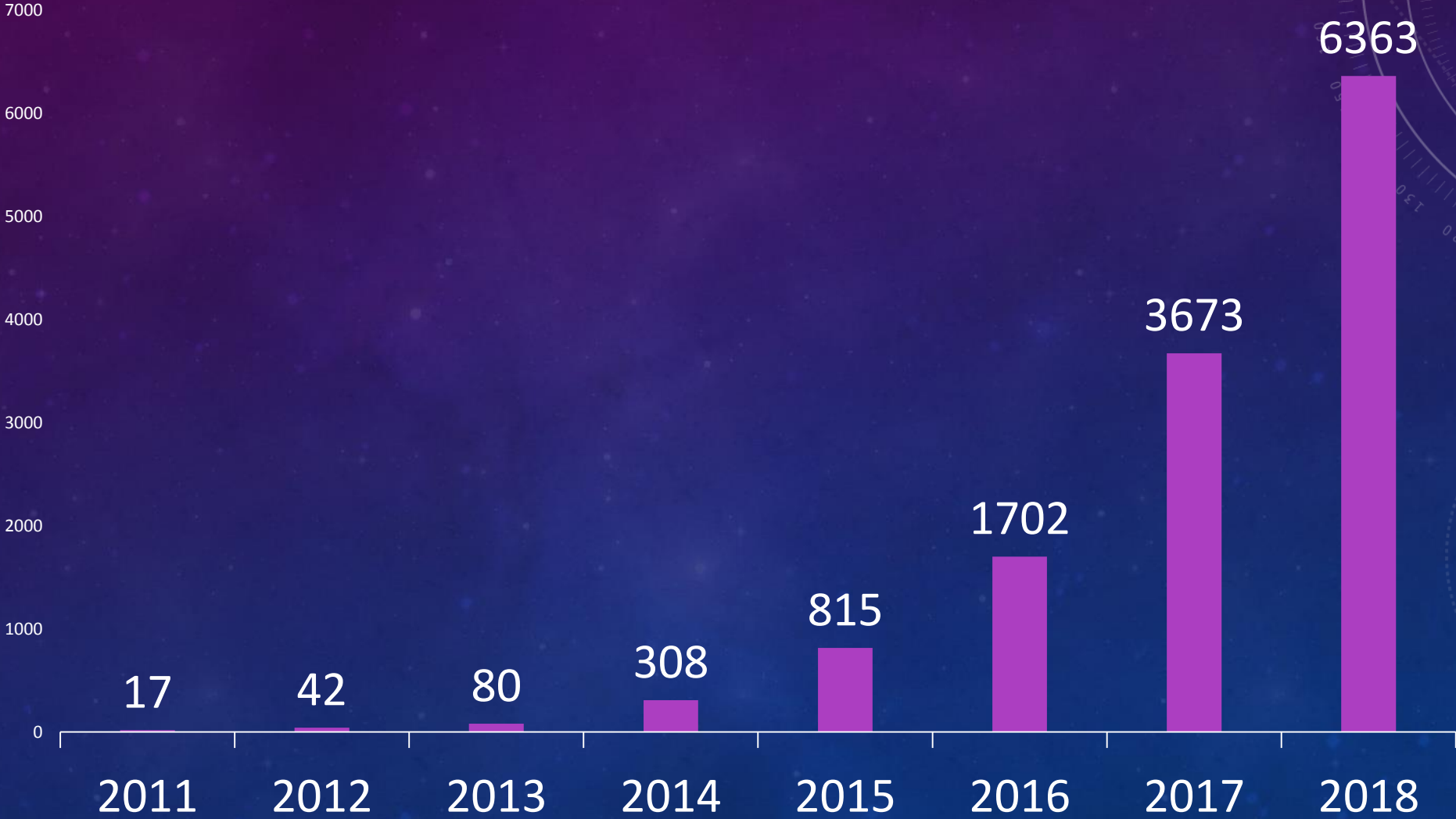


# 中欧铁路通道规划图



- |              |              |        |
|--------------|--------------|--------|
| — 东部通道       | ① 斯洛文尼亚      | ⑩ 格鲁吉亚 |
| — 中部通道       | ② 圣马力诺       | ⑦ 亚美尼亚 |
| — 西部已有通道     | ③ 克罗地亚       | ⑧ 阿塞拜疆 |
| - - - 西部规划通道 | ④ 波斯尼亚和黑塞哥维那 | ⑨ 马其顿  |
| ..... 跨海轮渡联运 | ⑤ 列支敦士登      | ⑥ 以色列  |


# Trips of China-Europe Railway Express Trains from 2011 to 2018





As of the end of 2018

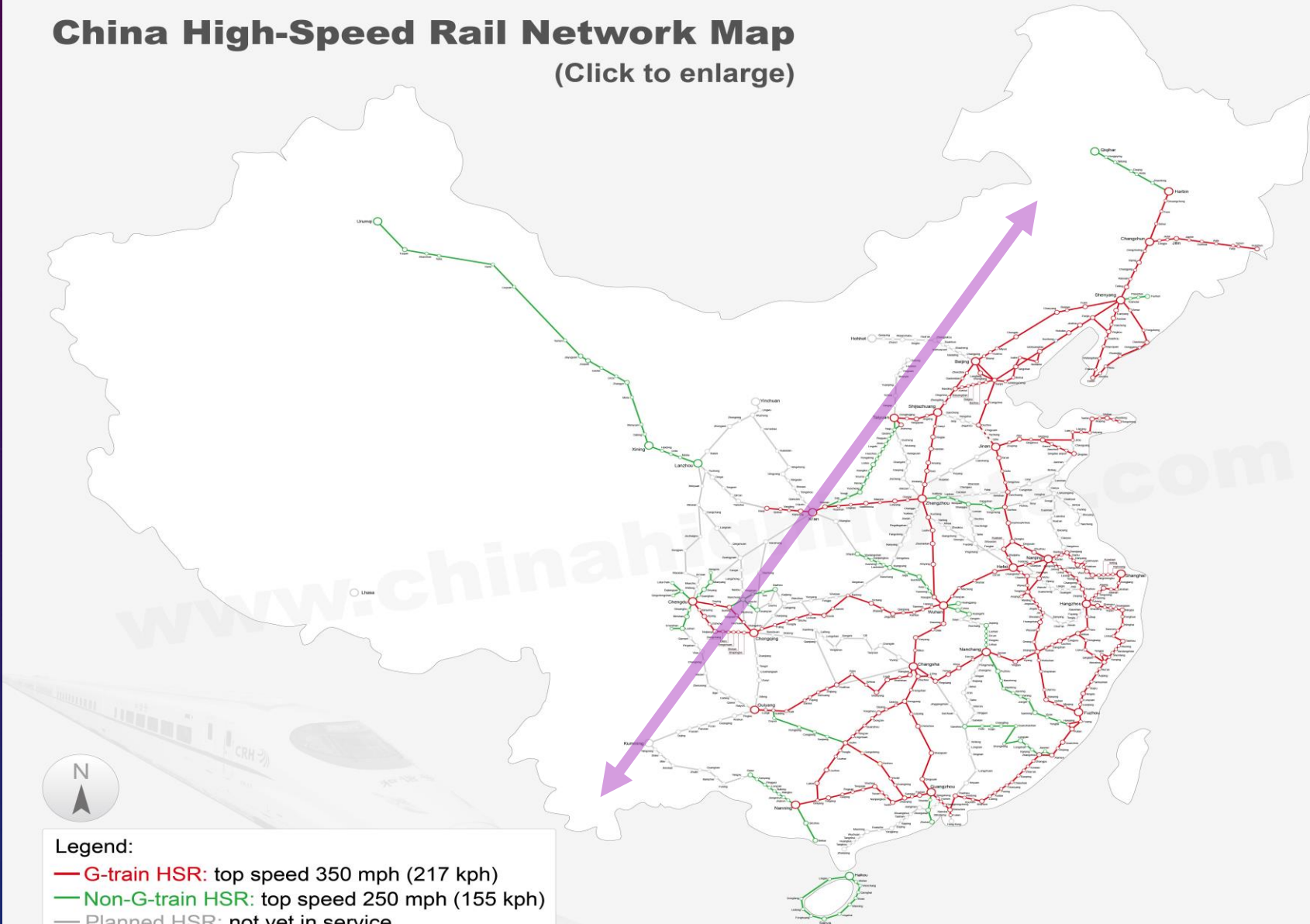


The background features a dark blue gradient with a subtle pattern of white stars and faint technical diagrams. On the right side, there are several circular diagrams resembling gauges or dials with numerical scales (e.g., 150, 160, 170, 180, 190, 200, 210) and arrows. On the left, there are dashed circular paths with arrows indicating direction. The overall aesthetic is futuristic and technical.

- **Challenges and opportunities of Chinese transport's domestic and overseas development**

# China High-Speed Rail Network Map

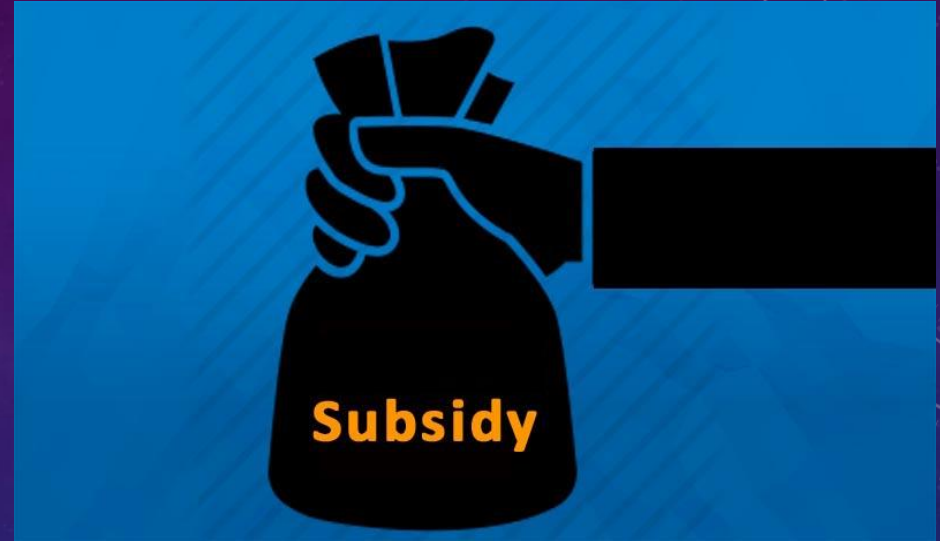
(Click to enlarge)



Legend:

- **G-train HSR:** top speed 350 mph (217 kph)
- **Non-G-train HSR:** top speed 250 mph (155 kph)
- **Planned HSR:** not yet in service

Updated on: May 20, 2016



# ■ Latvia's Position In China's Development of Transport Network



The background is a dark blue gradient with a subtle pattern of white stars and technical diagrams. On the right side, there are several circular diagrams with concentric lines and arrows, resembling a technical drawing or a diagram of a circular component. The text is centered in the middle of the image.

THANK YOU!

[longjing@siis.org.cn](mailto:longjing@siis.org.cn)