China's Urban Public Transport RAIL SYSTEM





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1. Development of China's urban rail transit

Policies

✓ Prioritizing Public Transit in urban area:

- Release of guidance on urban priority development of public transport
- Recommend megalopolis & large-city advance construction of urban rail transit

✓ Streamlining approval process and extending the terms

✓ Mobilizing financial support:

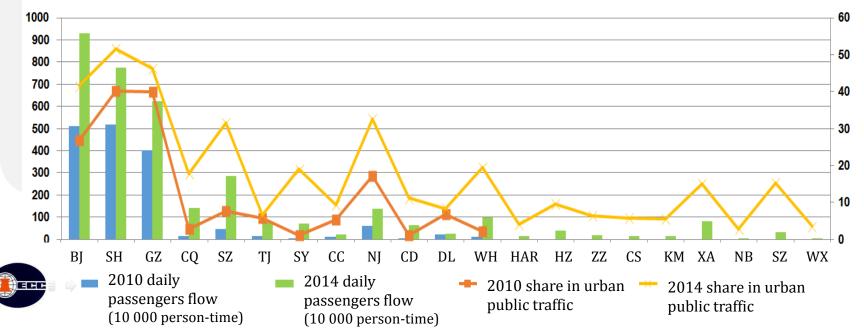
- Enlarge investment effect by lowering the minimum capital ratio down to 20%;
- Establish special construction fund;
- Encourage PPP model;
- Favorable tax treatment;
- Provide subsidies by local government (land revenues/tax revenue);

INDEX	METRO	LRT
Urban Population (million)	>3	>1.5
General fiscal Revenue (billion CNY)	>10	>6
GDP (billion CNY)	>100	>60
Rush hour maximum unidirectional Passenger Flow (person-times)	30 000	10 000
39 cities have been approved by 2015		





- ✓ Share of rail transit in urban public transportation
- In Beijing, Shanghai, and Guangzhou the share of rail transit in public transportation is around 50%





2. Policy and measures to promote energy efficiency and energy saving

Estimates **of** energy-saving

✓ In 2015

- Cut down energy consumption by 2 Mtce
- Cut down emissions by 5 MtCO₂
- ✓ In 2020
 - Cut down energy consumption by 6 Mtce
 - Cut down GHG emissions by 15 Mt CO_2

Taking energy saving measures

- Shanghai
 - Cut down energy consumption by 11%

Policies & Measures

- ✓ Formulating energy-saving plan in feasibility study which should be examined.
- Take energy saving into consideration in \checkmark the following areas:
 - **Route design**
 - Building structure & scale
 - Scale of transport system

✓ Use energy saving equipments



Energy consumption (10 000 kwh)

3.South-South Cooperation on urban rail transit

Addis Ababa(Ethiopia) LRT

- ✓ 34 km, open to traffic on 20th Sept.
 2015
- ✓ China Exim Bank provided financial support of 439 million USD (~85% of the total cost)





Lagos(Nigeria) LRT

✓ 27 km, open to traffic in 2016



Thanks

