



Intermodality of Shanghai Hongqiao Station concepts and practices

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Introduction

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- Shanghai Hongqiao station is a **super large comprehensive traffic hub**, which integrates civil aviation, railway, metro, highway, bus, taxi, etc.
- **Integrated transfer**, among national main railway lines, inter-city railway lines, regional railway lines, highways, municipal rail traffic system, municipal public bus system, and civil aviation system, etc.
- Commercial and office facilities are also provided.
- **Regional traffic integration** to regional economic integration
- Shanghai as an international shipping center.

210,000 passengers/day



Hongqiao Railway Station

90,000 passengers/day



Hongqiao International Airport

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1. Background

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- The site was **originally planned for extension of Shanghai Hongqiao Airport**, but as the extensions of existing surrounding areas, the site could not be used for extension of the airport anymore. Considering its importance as a ideal traffic hub, the development of a new comprehensive hub station integrating airport, highway, HSR, intercity railway, maglev, metro, and bus systems, was proposed, which would promote the integration of Yangtze River Delta both in traffic and economy.



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2. current situation

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- **Joint point** of Beijing-Shanghai HSR line, Shanghai-Nanjing intercity HSR line and Shanghai-Hangzhou HSR line.
- Construction started in July, **2008**, finished in July, **2010**.
- Adjacent to Shanghai Hongqiao airport T2 on the east
- **Total area: 442,000m²** , including 240,000m² of station buildings, 69,000m² of no-platform-pile canopy, 65,000m² of waiting hall, and two station yards. **30 platforms and 30 tracks**, 19 of which for Beijing-Shanghai, Shanghai-Hangzhou HSR line, 11 of which for Shanghai-Nanjing HSR line
- Design capacity: delivery of **200,000 passenger per day**
- Currently, **173 pairs of trains** , including 110 HSR trains, 63 pairs of EMUs

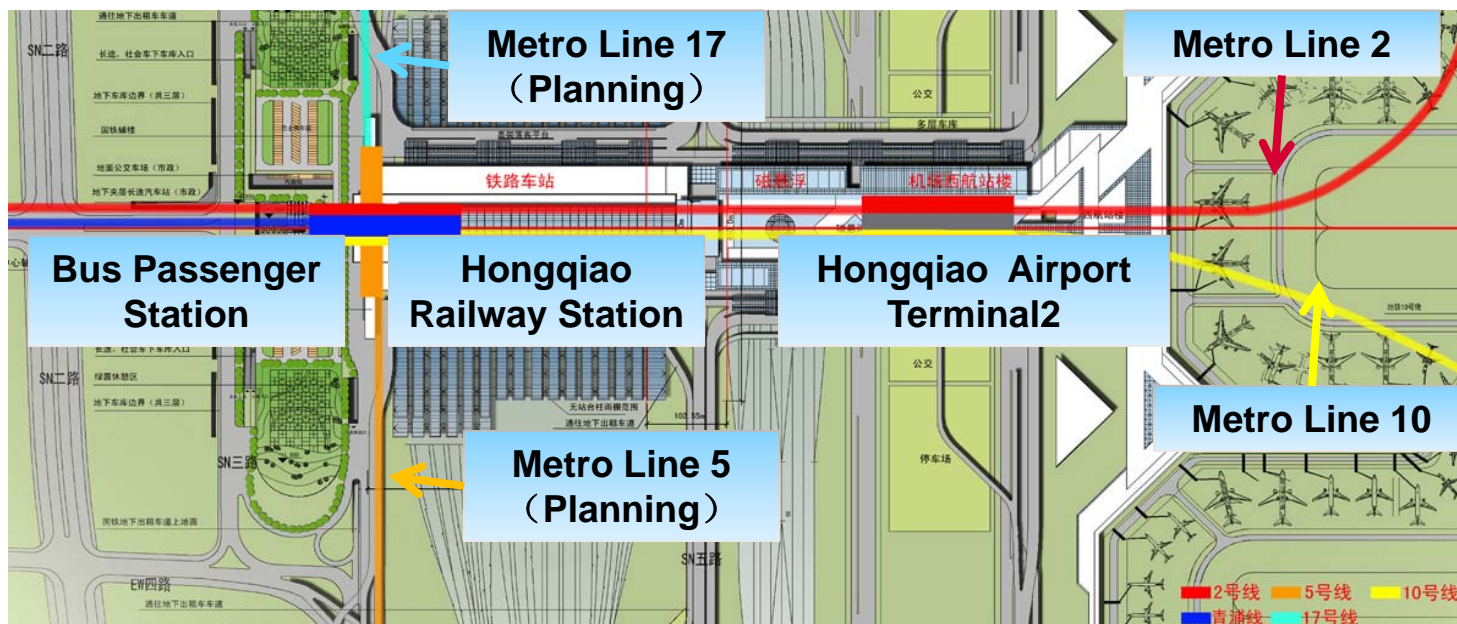


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2. current situation

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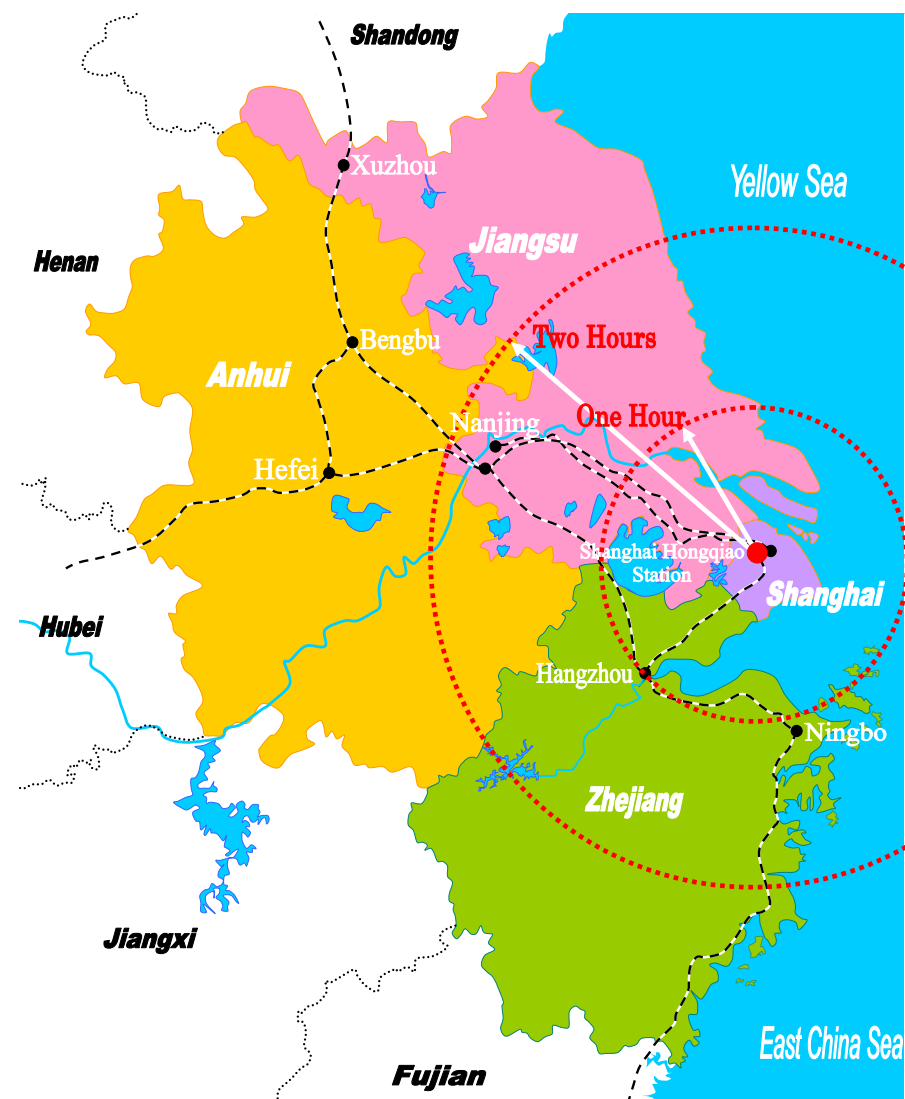
- East: Shanghai Hongqiao Airport Terminal 2, for handling domestic flights
- West: long-distance bus station, 200 long-distance buses, to southeastern provinces, complementing regions that EMUs do not reach.



3. Connections by the hub

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- ▣ 1.connections among HSR lines
- ▣ 347 EMU tains, transfer within the station. Beijing-Shanghai HSR line, Shanghai-Nanjing intercity HSR line, Shanghai-Hangzhou intercity HSR line, and Hangzhou-ningbo passenger dedicated line, etc.
- ▣ 1-2 hours, one-city effect



3. Connections by the hub

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- ▣ **2. air-rail intermodality**
- ▣ Seamless connection between Shanghai Hongqiao airport and Shanghai Hongqiao station
- ▣ 2012, strategic cooperation agreements with airlines



3. Connections by the hub

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- ▣ **2. air-rail intermodality**
- ▣ Example: China Eastern Airlines
- ▣ "Air-rail package", hotline 95530 or any sales outlets across the world
- ▣ Use ID card to get the tickets

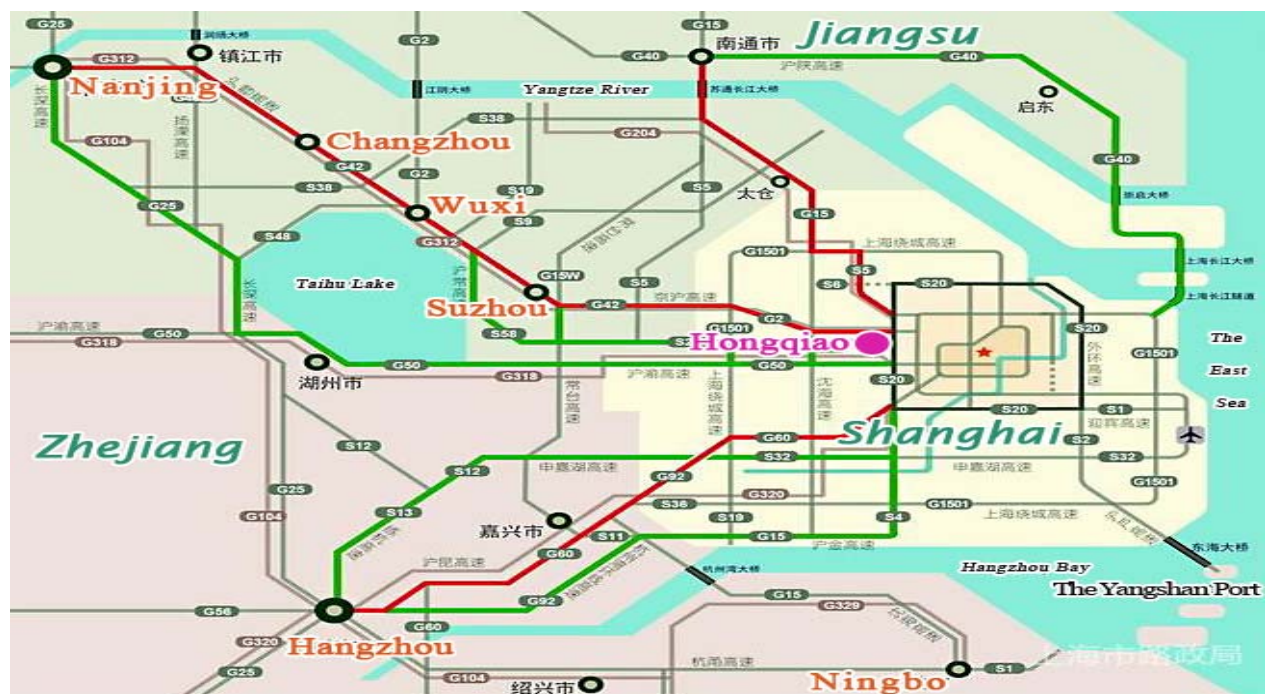


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3. Connections by the hub

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- 3.land-land intermodality
- Ticket windows for long-distance buses are arranged in the station, which help to extend the service scope of railway network

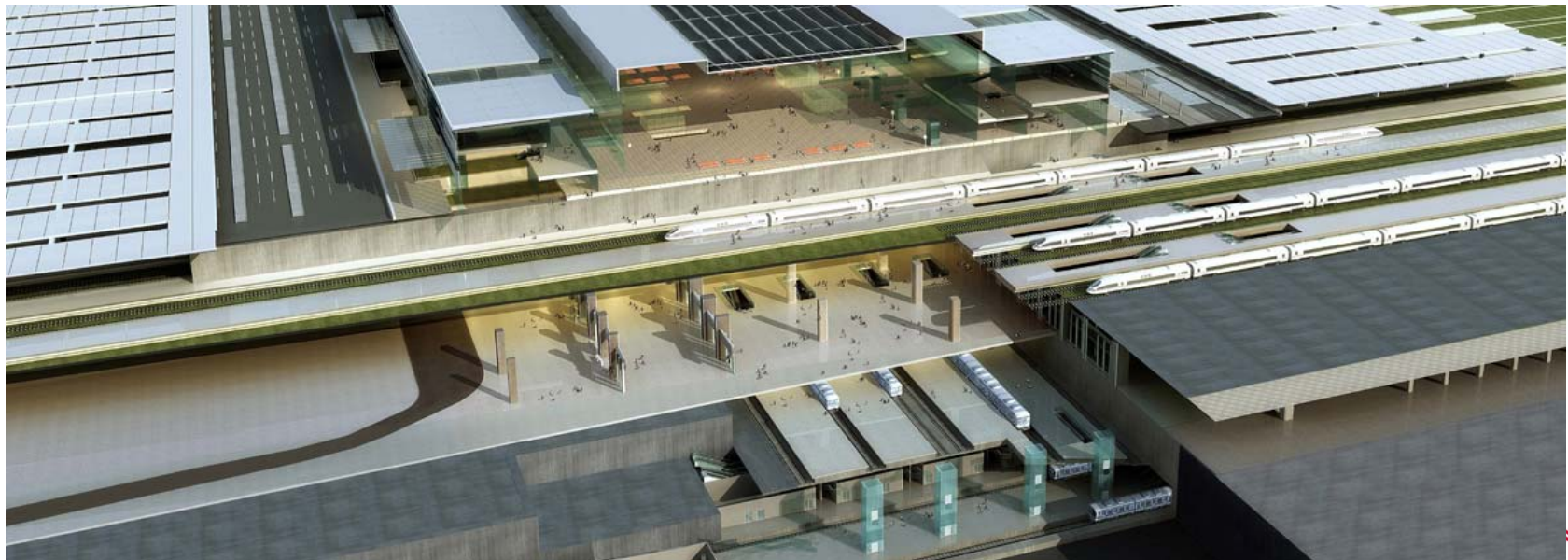


Hongqiao in the Roads System

3. Connections by the hub

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- ❑ **4.seamless transfer to metro network**
- ❑ Guiding signs & color ground guiding marks
- ❑ 3D intelligent guiding machine— 3D guiding service
- ❑ B1 shuttle bus—the arrival floor



3. Connections by the hub

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- ▣ **5. integrated emergency system**
- ▣ Based on the Emergency Response Center (ERC) , emergency plan, evacuation and transfer of passengers





Thank you for your kind attention!