

SMART STATIONS IN SMART CITIES

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New JR Shinjuku Station: Development of Transport Hub under a public-private partnership.

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1a Solution of Integrated Mobility

UNDER THE HIGH PATRONAGE OF



ORGANISERS

Introduction

❖ New Transport-Hub Development

<p>Transport-Hub for</p> <ul style="list-style-type: none"> • Railway • Expressway bus • Taxi 	<p>Development of over-track area</p>
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❖ Shinjuku station

Busiest station in Japan

- 5 JR-East lines
- 3 Metro lines
- 3 Other railway company lines
- 3.6 million passengers /day





New JR Shinjuku Station : Development of Transport Hub under a public-private partnership

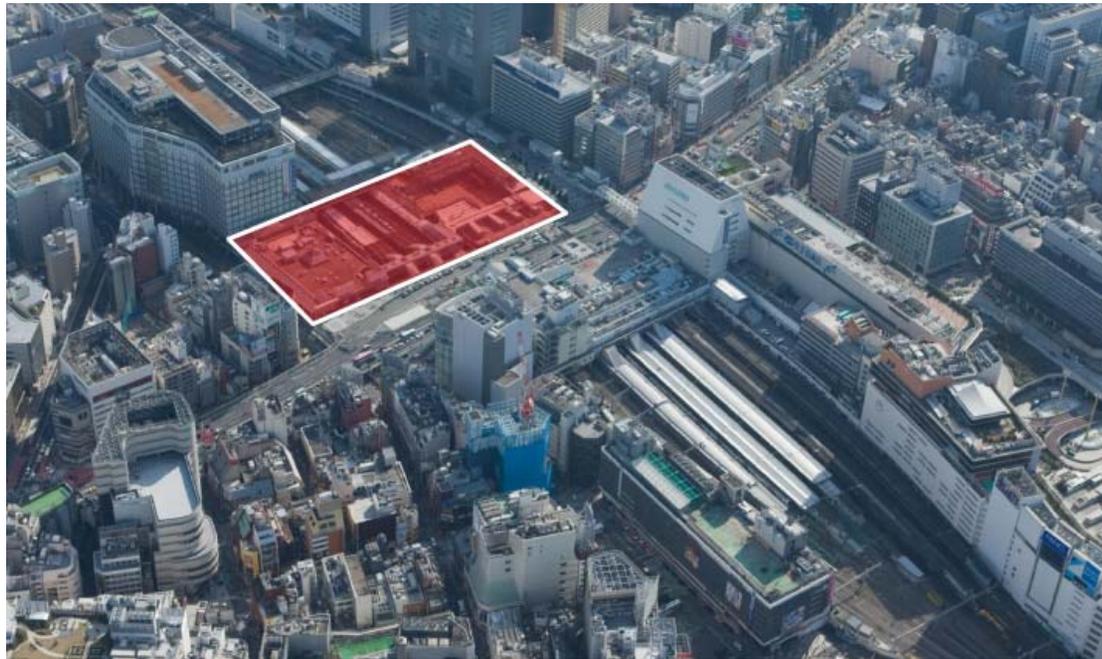
Background 1

❖ Site potential for development

- Shinjuku is one of the largest CBDs in Japan

❖ Not optimize the value of the site

- Restrictions of over-track building development
Due to construction limitation of piles and base structures



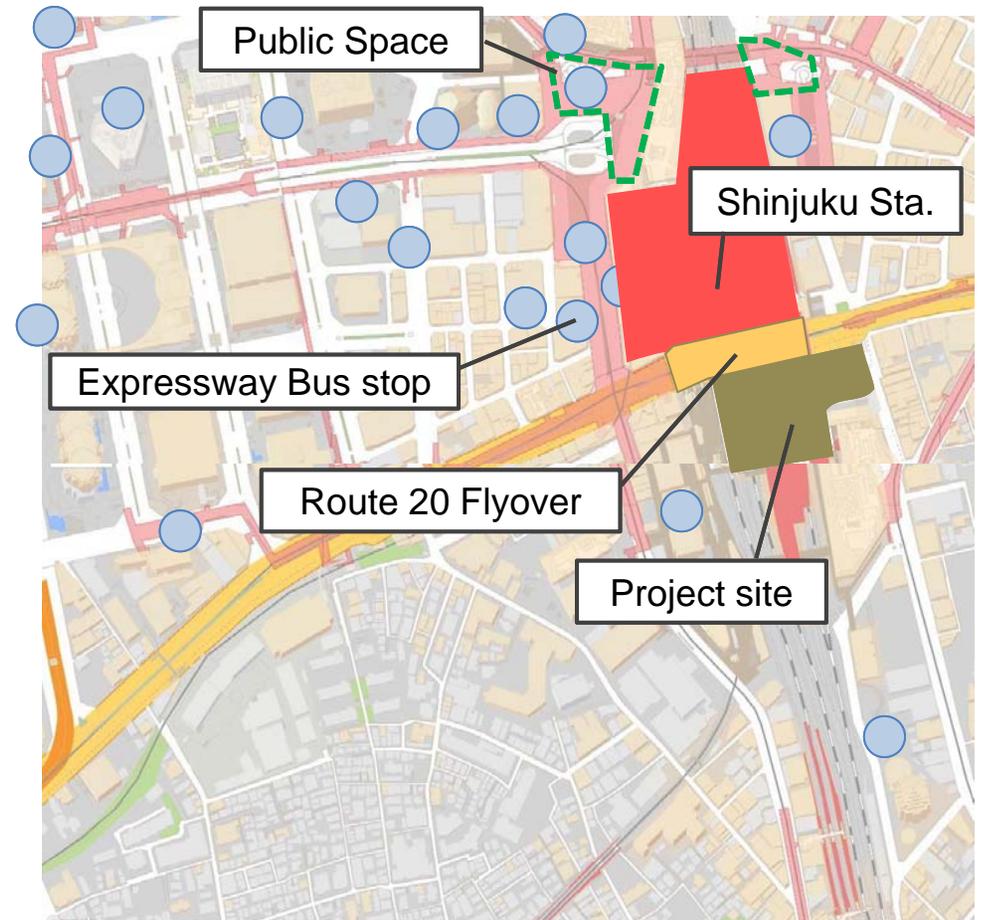
Background 2

❖ Urban problems around Shinjuku station area

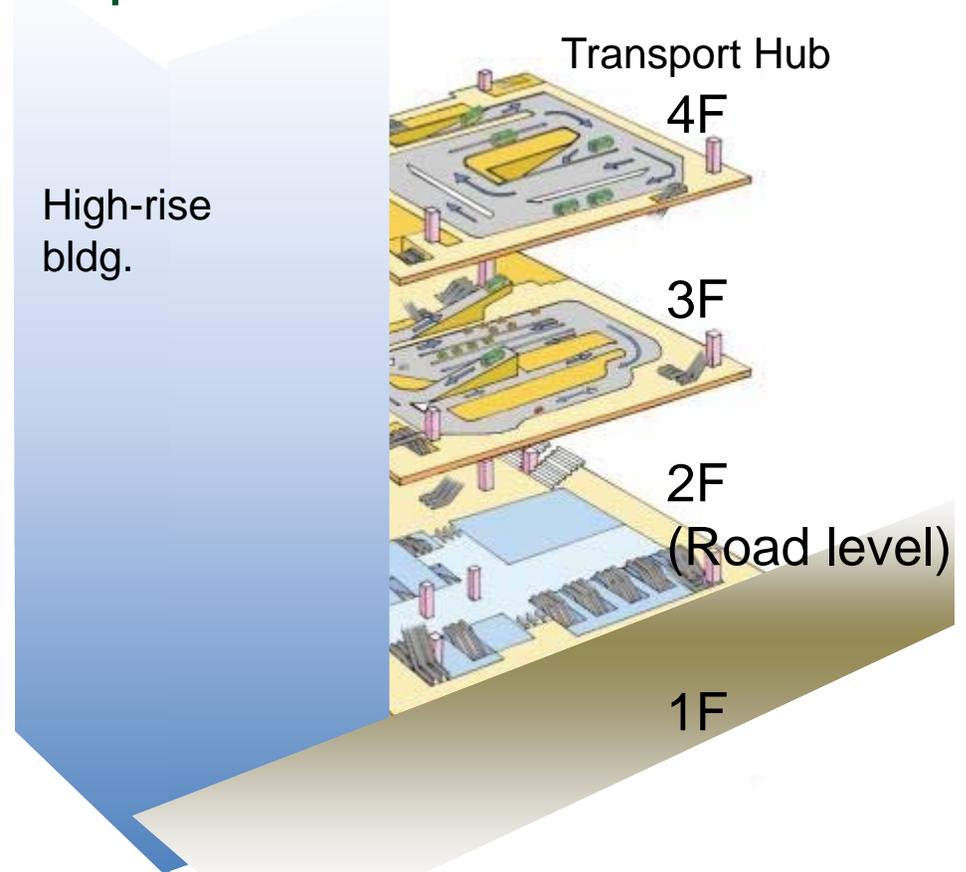
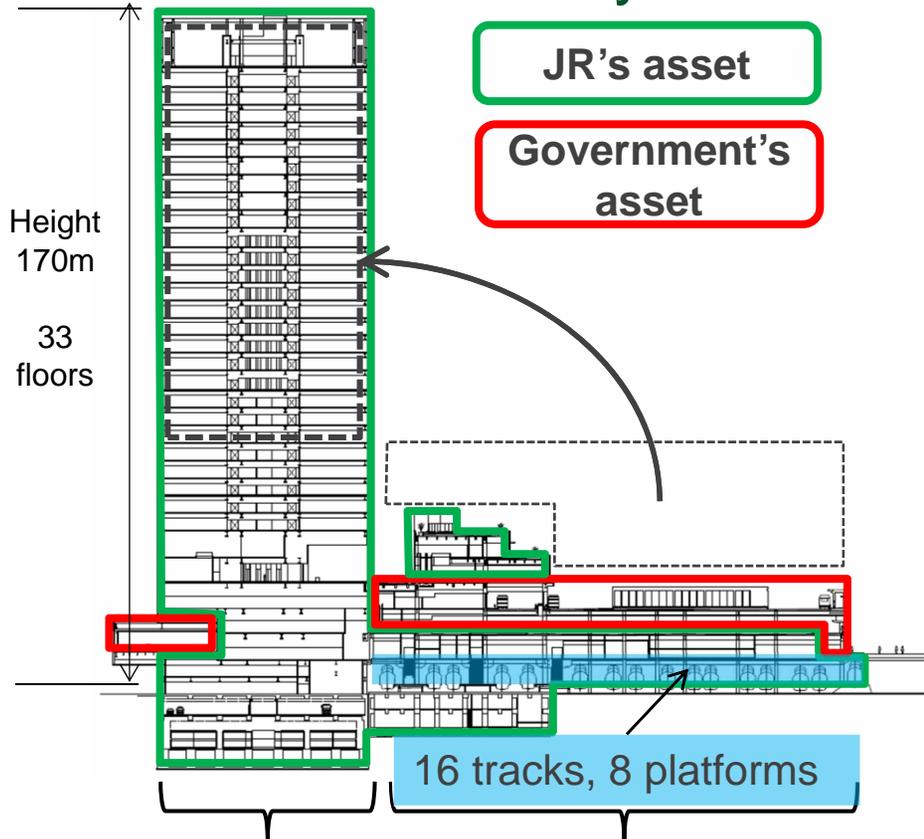
- Ageing flyover (Route 20)
(Constructed in 1925)
- Dispersed expressway bus terminal into 19 areas

Expressway bus
over 1,600 buses /day
to 300 cities (incl. Airports)

- Little public space
- No space for construction



Layout of development



- 4F Expressway bus terminal
- 3F Taxi stand, Tourist information
- 2F Concourse, Shops, Food-court
- 1F Railway platforms

On the ground = High-rise bldg.

Over-track = Transport Hub



How we can promote the project

❖ Public-private partnership between JR-East and Japanese Gov.

JR-East

- Improve facilities of terminal station
- Develop over-track site effectively

Japanese Government (Road Bureau)

- Solve urban problems around Shinjuku station

Apply “multi layer roads and buildings” legal systems
to utilize “Road budget” into the project



Participate in the project of a “national road facility” improvement

In operation



In operation



Conclusion

❖ Passenger's advantage

Easy transferring at the Transport-Hub

➔ Promote urban mode transportation using railway and expressway bus



❖ Ideal form of “Smart Station”

Integration of multi traffic modes

+ Development of high-rise building and retail shops

➔ More Accessible, Lively, Convenient terminal



THANK YOU
GRACIAS

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