

# High-Speed Rail Seminar in California

## OPENING REMARKS



**Masafumi Shukuri**



*Ministry of Land, Infrastructure, Transport and Tourism*

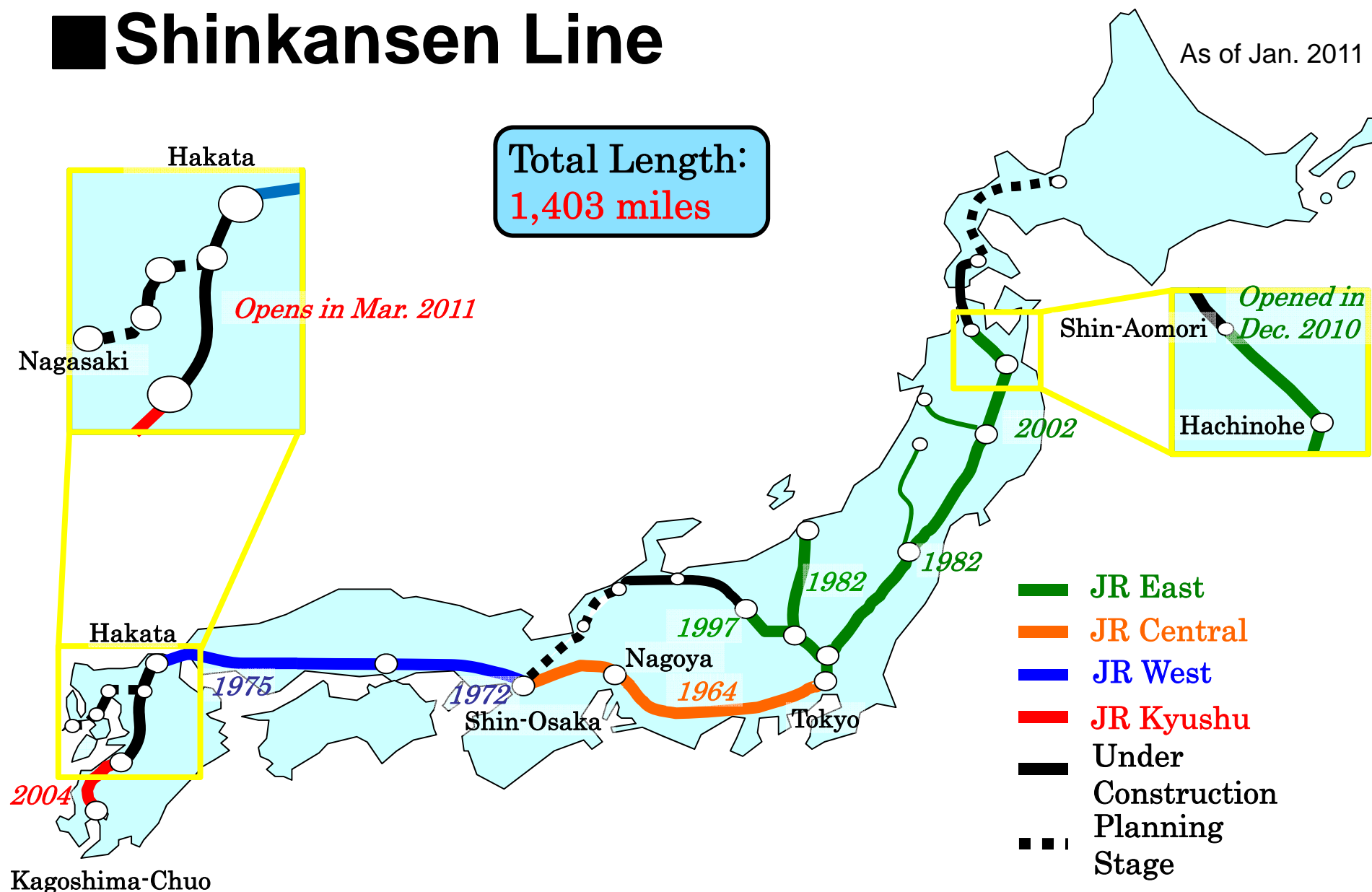
January 14, 2011

# California HSR Project



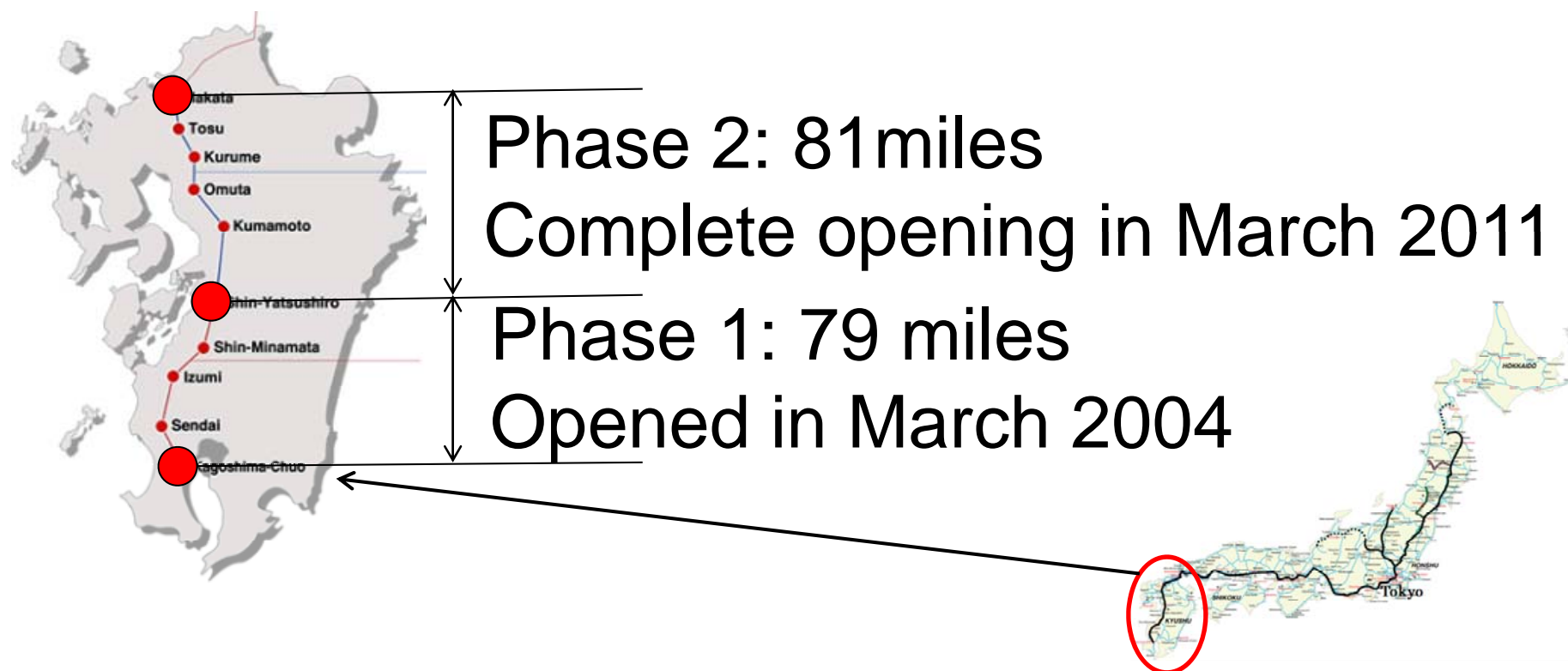
# Shinkansen Line

As of Jan. 2011



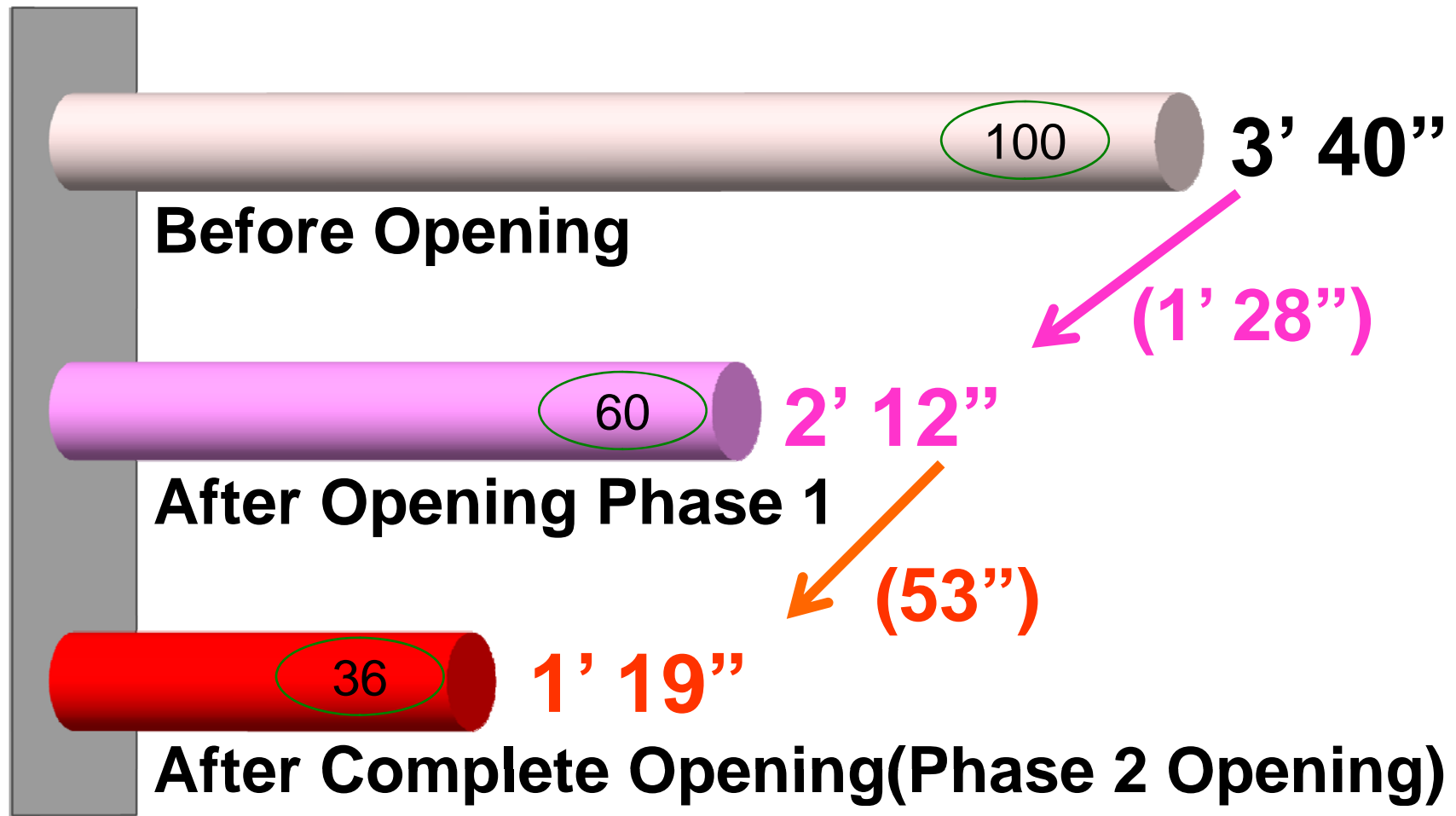


# Kyushu Shinkansen: 160 miles



Kyushu's population and GDP are about the same as the Netherlands'.

# ■ Big Time Savings

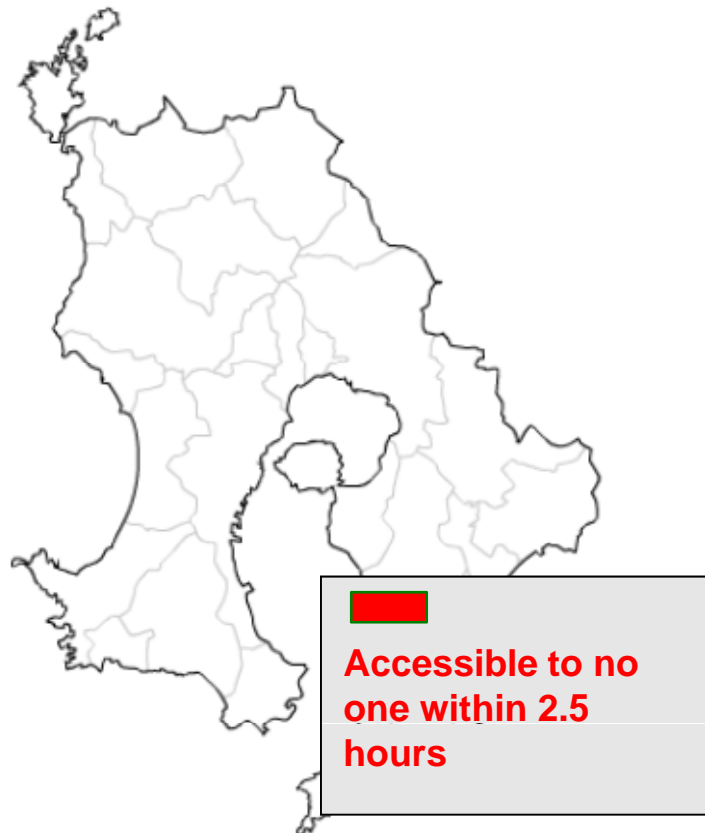




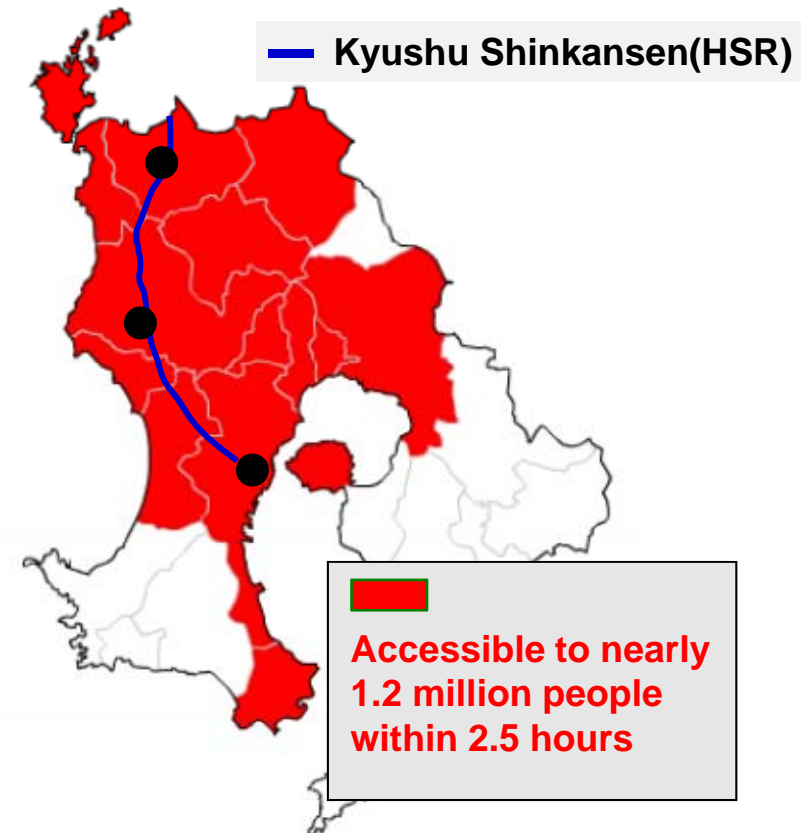


# Areas accessible from central city within 2.5 hours

Before opening



After complete opening



# Wide-Ranging Benefits of HSR



1. High Speed Rail Design



2. Infrastructure Construction



3. Operation



4. Rolling Stock Production



5. Development In and Around Stations



# Keys

⇒ **Regional Connectivity**

⇒ Regional Resources



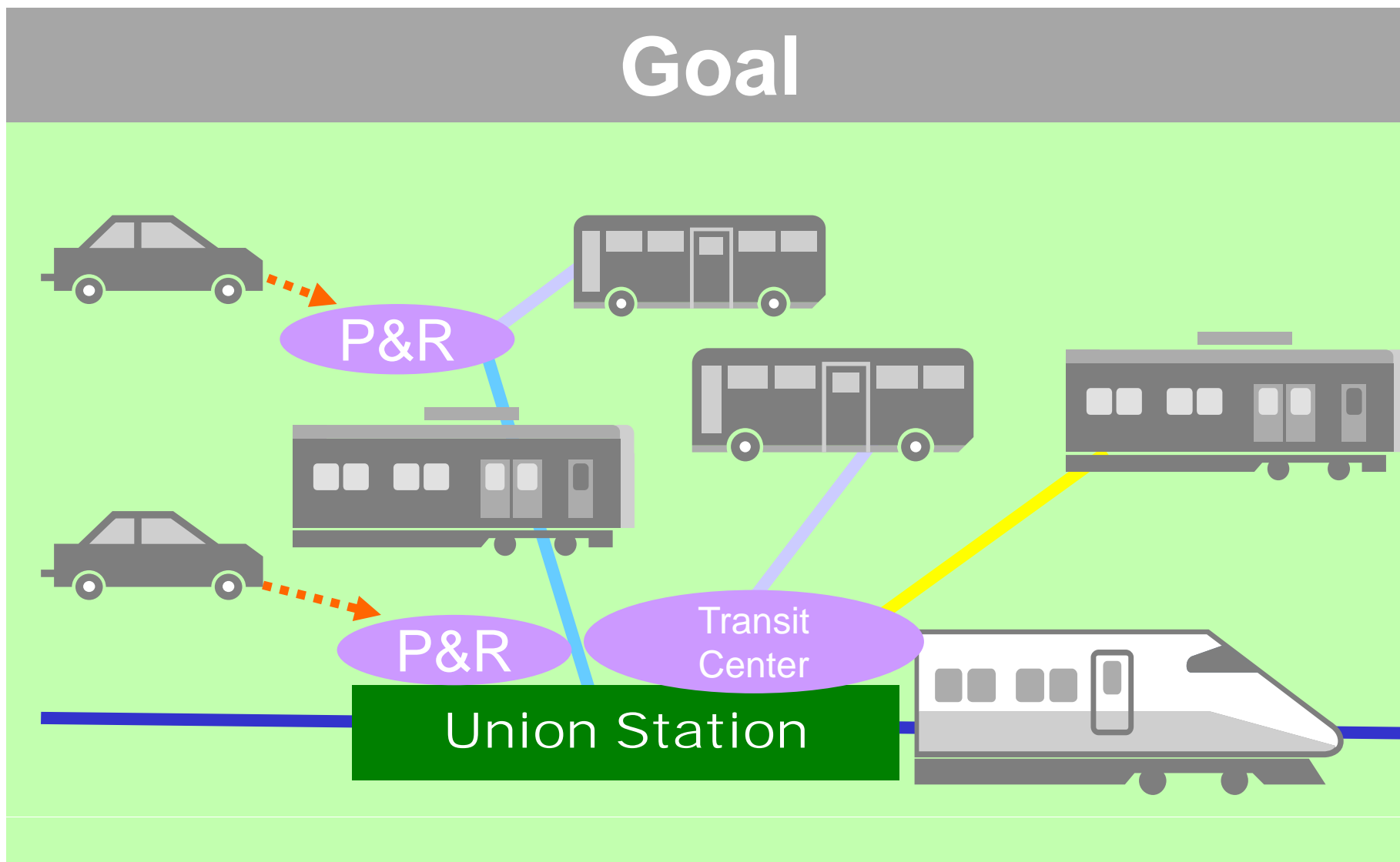
## Union Station



## Metro's 30/10 Initiative



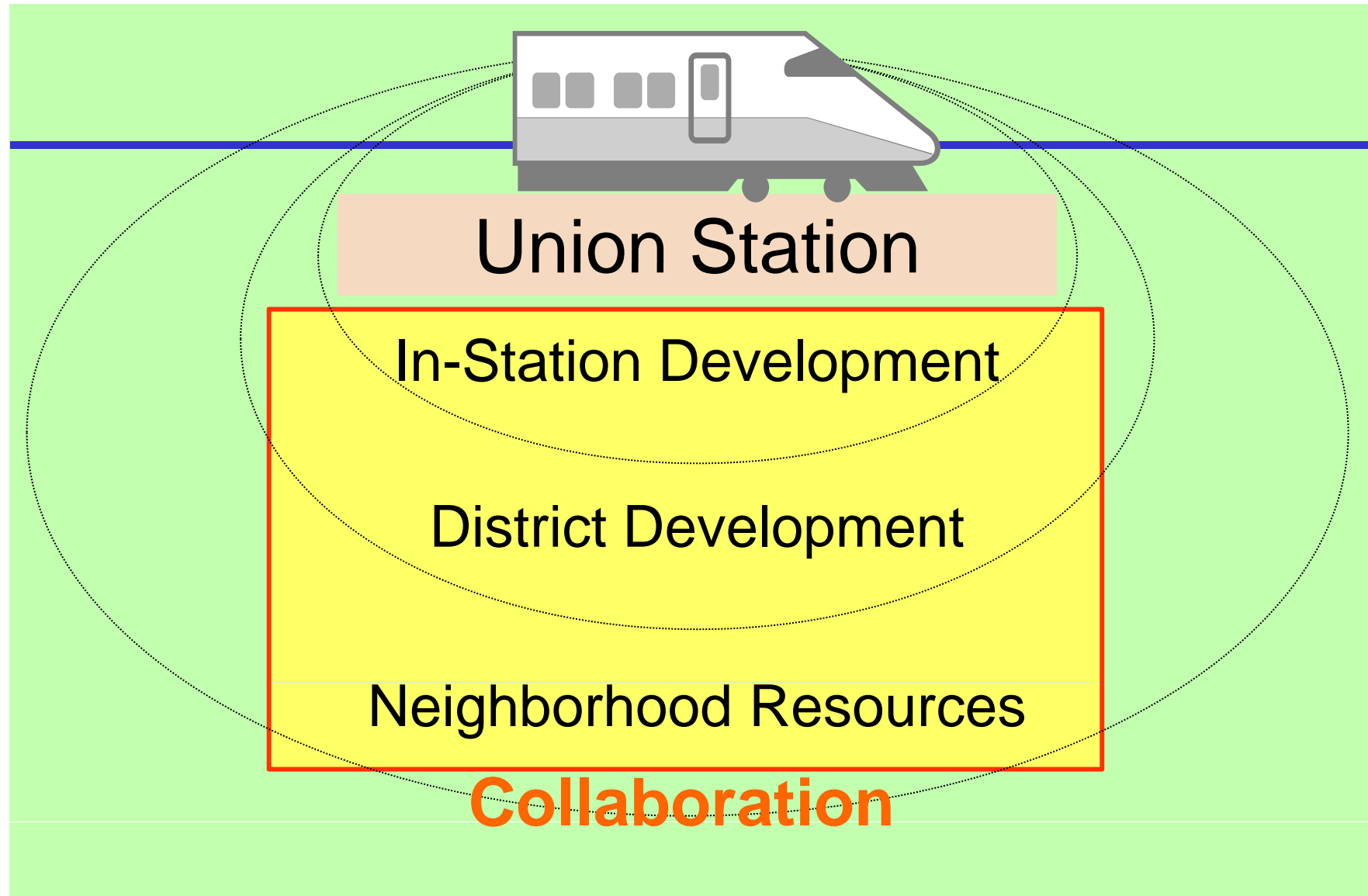
## Goal



# Keys

⇒ Regional Connectivity

⇒ Regional Resources





## Alameda District Specific Plan



## Neighborhood Resources



Olvera Street



Arts District

## Commercial Use of Historical Resources

In-station Hotel  
and Gallery in  
Tokyo Station





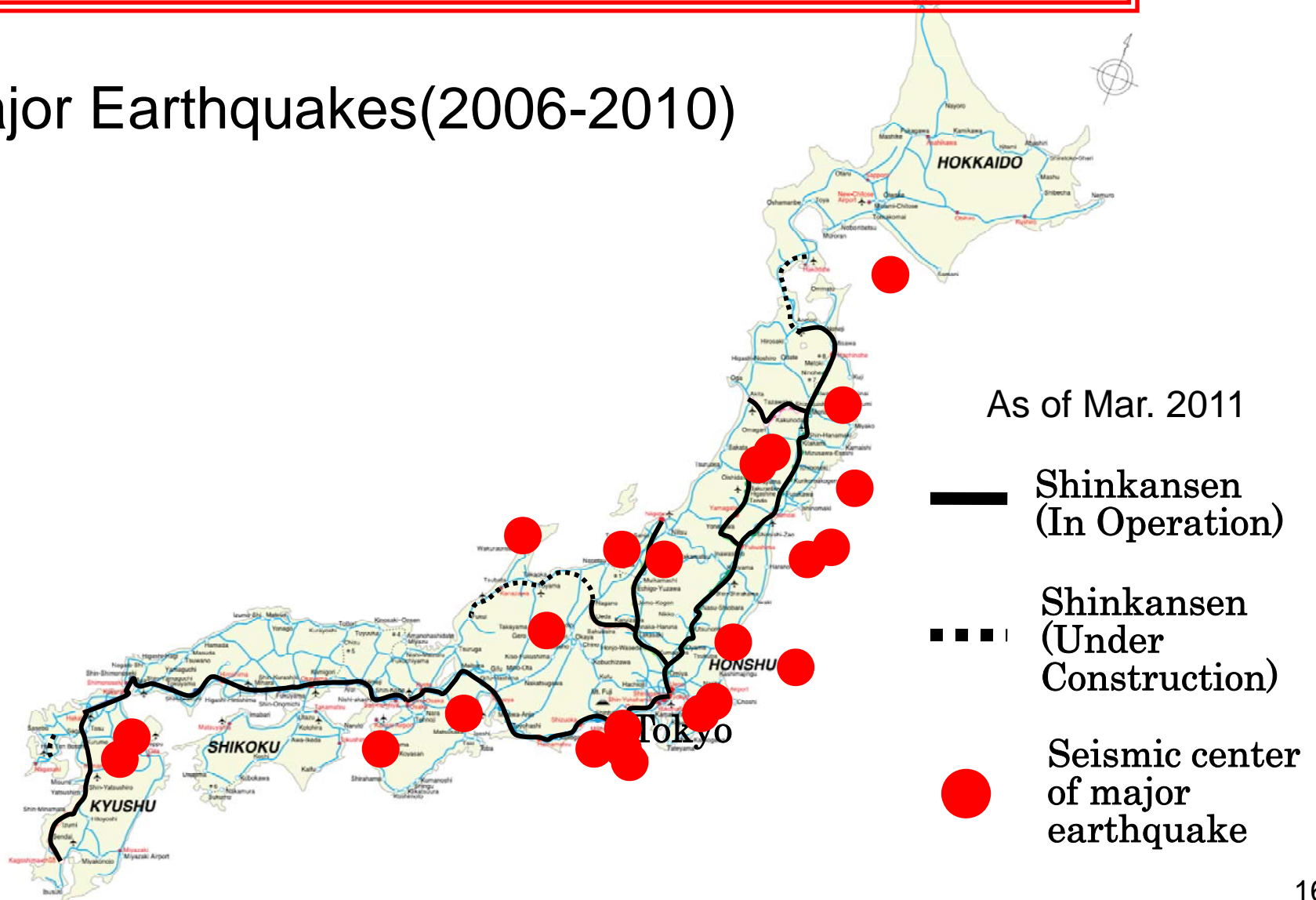
## Linking Policy

Collaboration of  
Regional  
Development,  
Tourism, and  
Transport Policies



# Measures against Earthquakes

## Major Earthquakes(2006-2010)



# *Noise reduction*





# Safety

■ A safety record of no passenger fatalities in 46 years of operations

**ZERO** 1964  
  
 Present Time

# *Excellent environmental performance*

## CO<sub>2</sub> emission comparison



Automobile



Airplane



Shinkansen

# Financing

Japan has enabled the **JBIC**(Japan Bank for International Cooperation) to finance high-speed railway projects(April 28, 2010) and urban railway projects (November 16, 2010) in the U.S. and other developed countries.

## Key Points of Railway Projects

Long-term,  
high financing required

## Strong Points of JBIC Overseas Investment Loans

### Long-term

Longer-term loan than average loan from private banks

### Special Interest

LIBOR + 0.25% \*

\* Premium is added based on the type of financing such as collateral/guarantee and loan schemes.

# Thank You