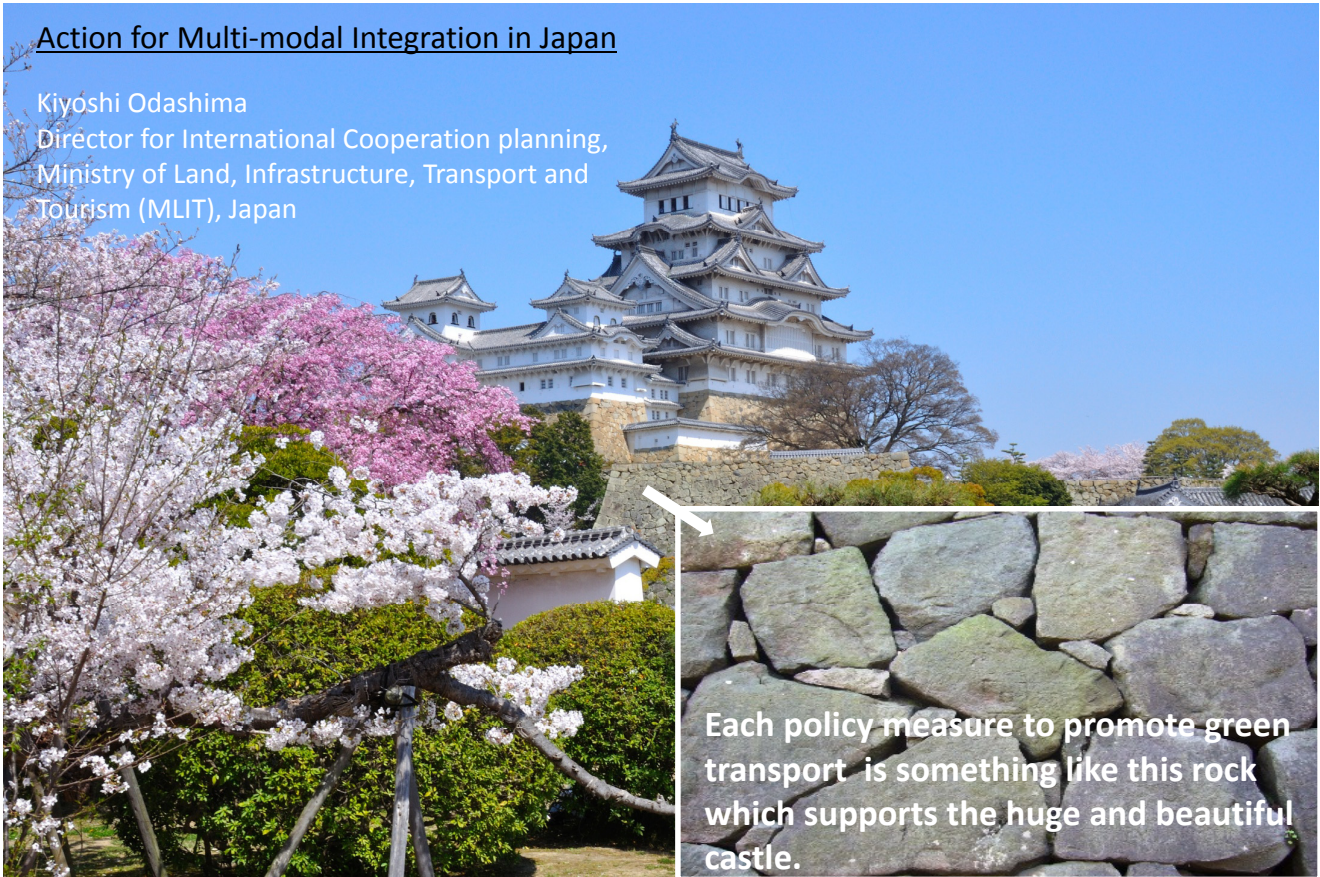


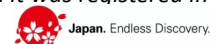
## Action for Multi-modal Integration in Japan

Kiyoshi Odashima  
 Director for International Cooperation planning,  
 Ministry of Land, Infrastructure, Transport and  
 Tourism (MLIT), Japan



Each policy measure to promote green transport is something like this rock which supports the huge and beautiful castle.

For your information : This is Himeji castle. It is the largest and most visited castle in [Japan](#), and it was registered in 1993 as one of the first [UNESCO World Heritage Sites](#) in the country.



It is very important and useful for us to learn lessons from policies, measures, efforts.

**Best Approaches Book**  
 Compilation of successful experiences and stories on environment policies in the transport sector in ASEAN and Japan  
 November 2012  
 ASEAN-Japan Transport Partnership

<b>Sector</b>	2.3.Strengthening road side air quality monitoring and assessment
<b>Case Name</b>	• Ambient air measurement in Metropolitan Express
<b>Principal Promoter</b>	• Metropolitan Expressway, Inc.

• The Metropolitan Expressway System is an urban highway network centered around Tokyo. The Metropolitan Expressway Company Junction opened 2010] measures the ambient air quality by the side of the road where there is high traffic. It displays the results for the public and uses the results to assess and review its environmental preservation efforts. **[Tonomachi-Daishi Junction opened 2010]**  
 • There are 15 environmental monitoring stations to supplement the local-government vehicle exhaust monitoring stations. This helps create a comprehensive picture of ambient air quality.  
 • NO2 and SPM levels met the national standard in 2010.

**(I) Background**  
**[The Metropolitan Expressway centered around Tokyo; measuring ambient air]**

• The Metropolitan Expressway is an urban expressway system exclusively for vehicles, with 26 routes totaling 322.5km, built to a high standard and reaching to Kanagawa and Saitama Prefectures. In 2005 it took over maintenance and management from the Metropolitan Expressway Road Organization (Figure 3-14). In 2010, 406,562,000 vehicles used the system. Toll revenue was ¥296.4 billion (\$3.85 billion). As of March 2011, it employed 1,100 personnel.  
 • In 2010, all of the 35 vehicle exhaust measuring stations in Tokyo measuring the ambient air pollutants from vehicle exhaust met the NO2 environmental standard. However, measurements from 3 monitoring stations failed to meet the suspended particular matter (SPM) environmental standard. The Metropolitan Expressway Company pays serious attention to environmental preservation. By publicly announcing these results, it maintains public accountability and uses the results to

**Figure 3-14 Map of the Metropolitan Expressway System**

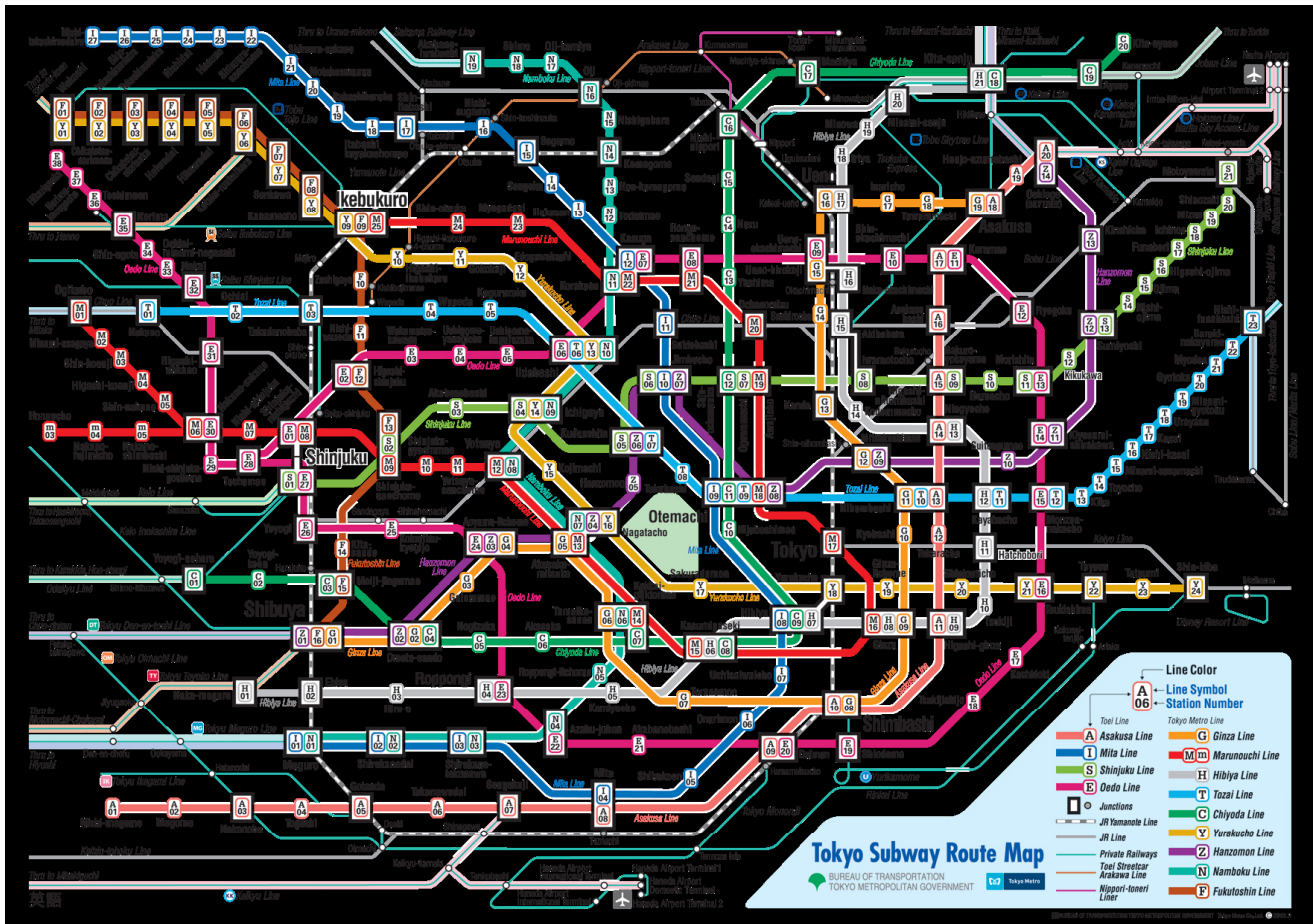
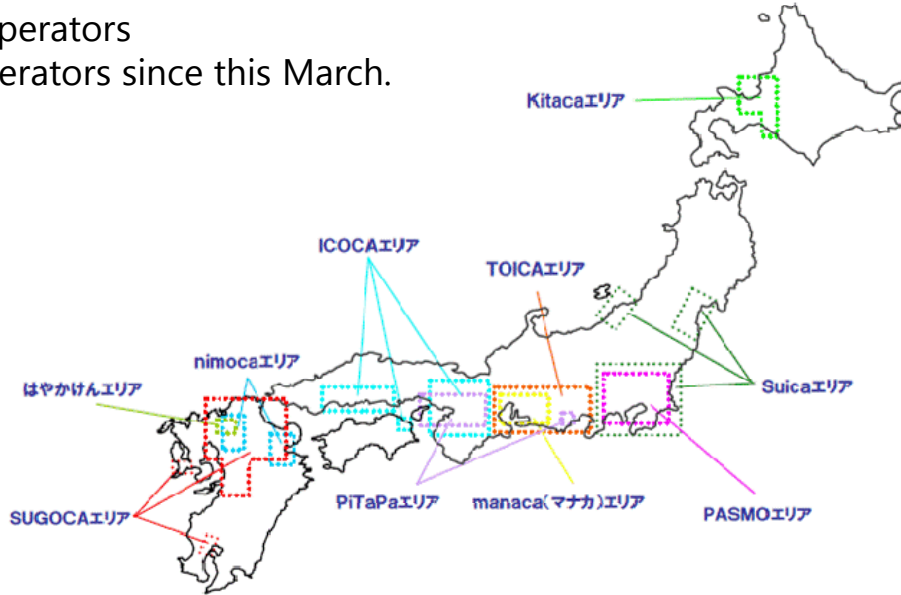
Source: Metropolitan Expressway System website

# “ASEAN-Japan Transport Partnership”

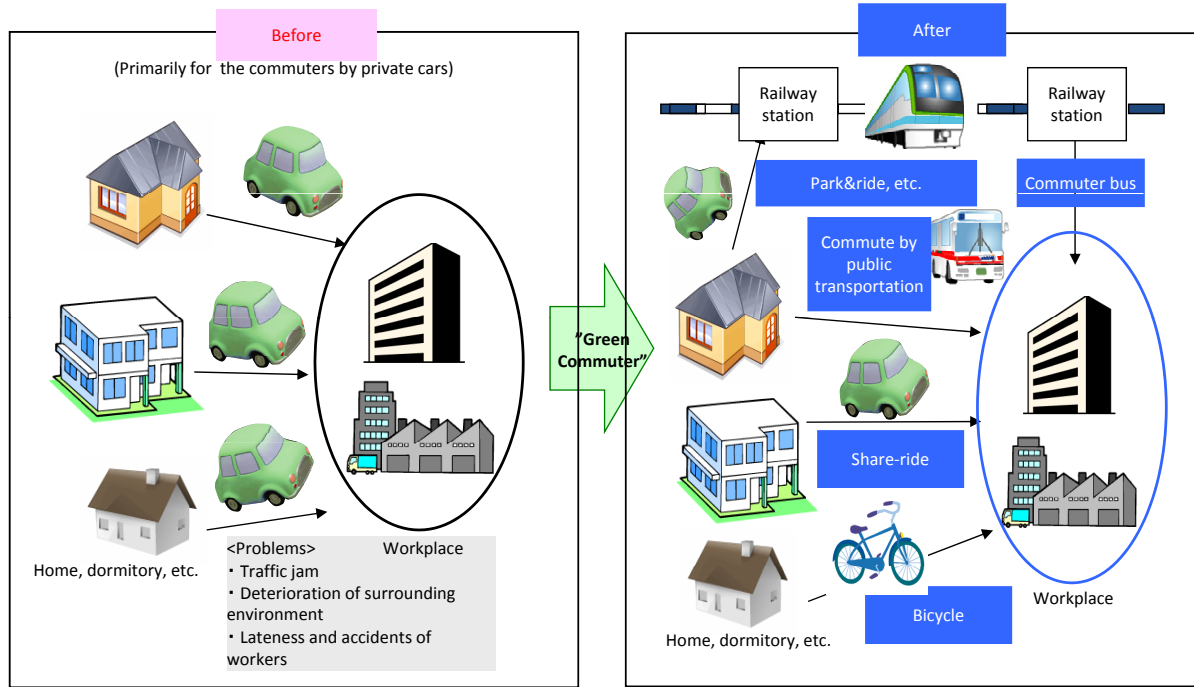
## Mutual Use of IC Card Tickets for Train and Bus



10 cards are allowed to be used in  
52 Train Operators  
96 Bus Operators since this March.



## Promotion of green commuter



Efforts made by **business establishments**  
 Encouragement to employees  
 Providing information of train/bus  
 Review of commuting rules  
 Introduction of a commuter bus, etc.



エコ通勤優良事業所認証  
 京都府認定の目標達成に貢献しています