**EXECUTIVE SESSION 07** Addressing Non-Technical Barriers to Cooperative ITS

# **Policy for Cooperative ITS in Japanese Smartway Project**

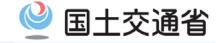
## November 2008 Tadashi Okutani

Road Bureau, Ministry of Land, Infrastructure, Transport and Tourism Government of Japan



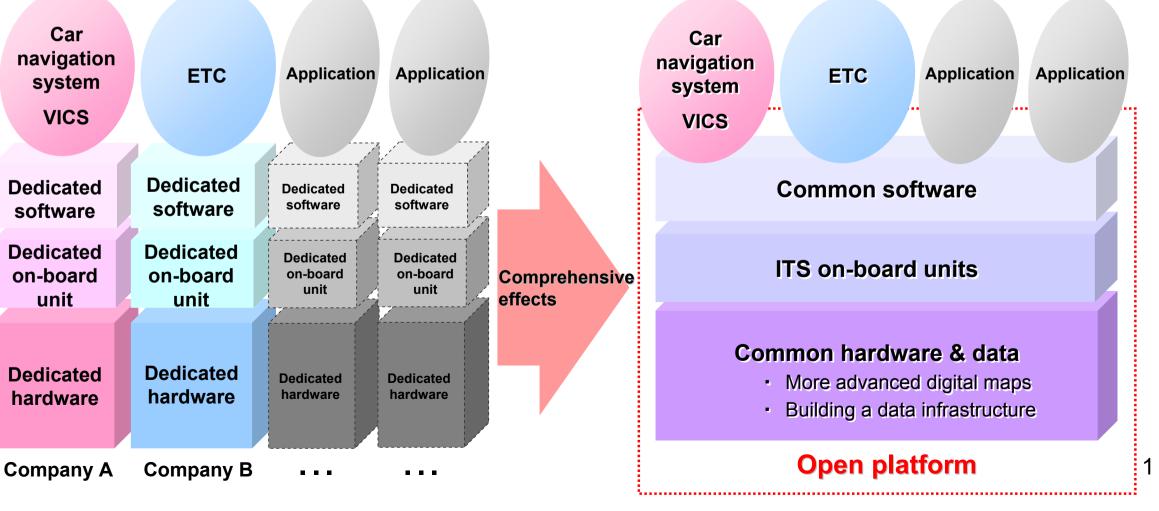
Ministry of Land, Infrastructure, Transport and Tourism

### **Building a common infrastructure**

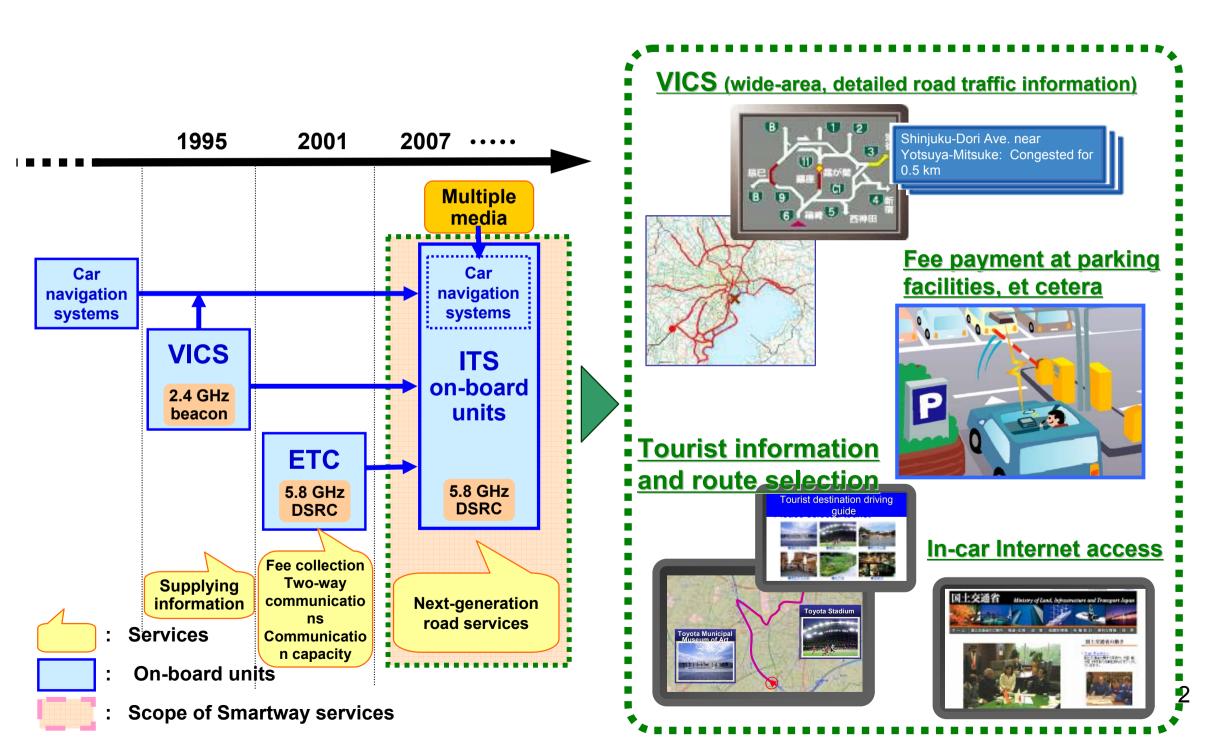






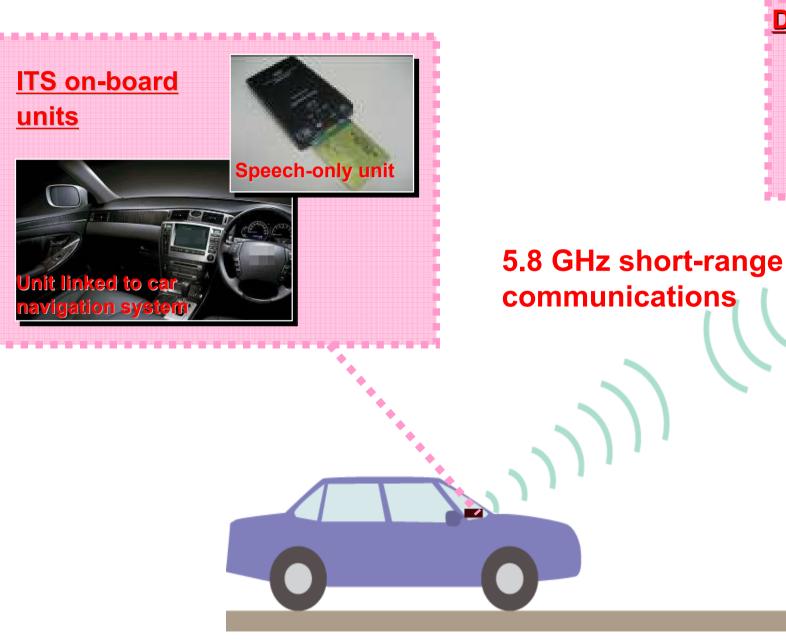


Diversification of services with a common infrastructure 🔮 国土交通省



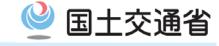
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#### New cooperative vehicle-highway system



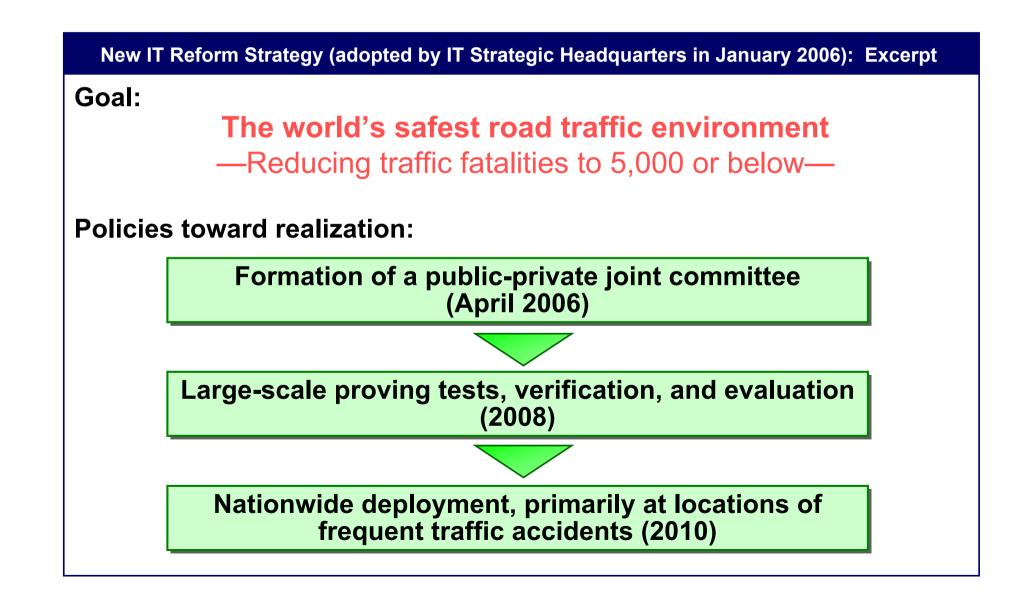
#### **DSRC roadside unit**



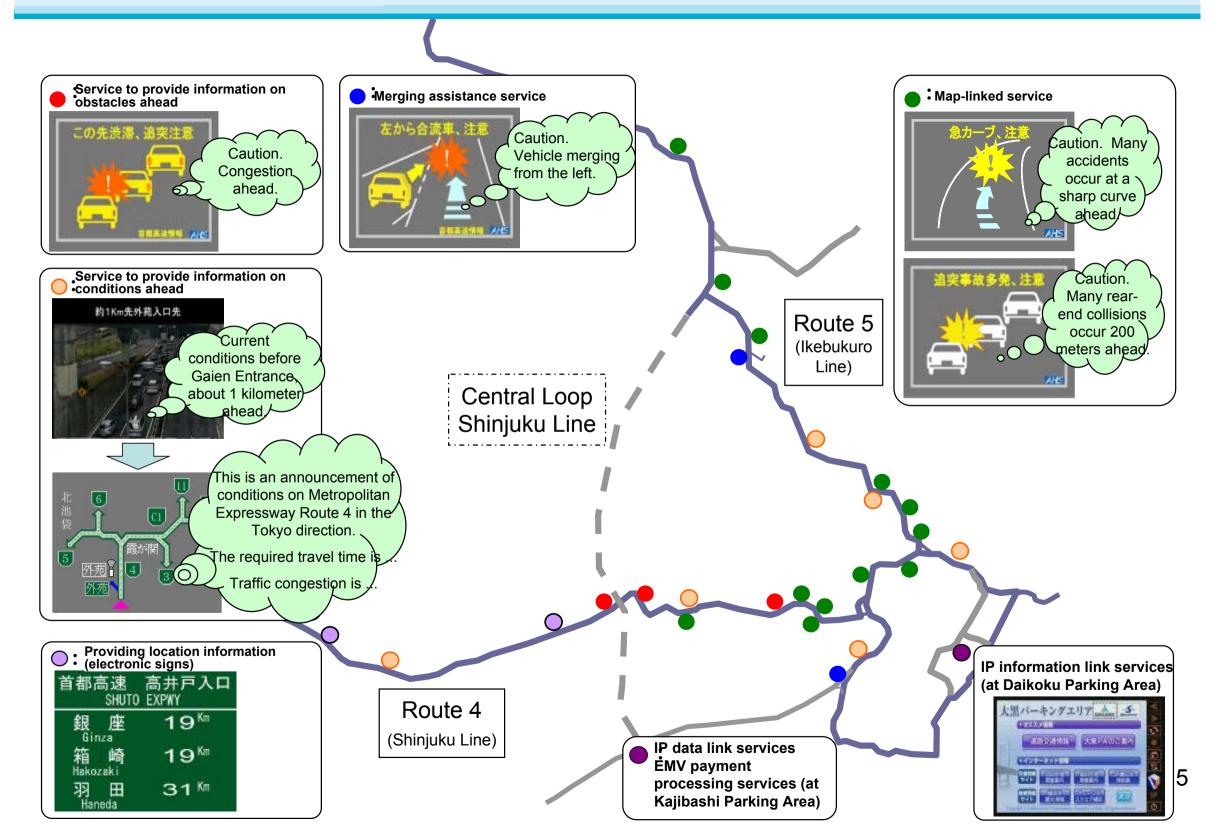


Strategic Headquarters for the Promotion of an Advanced Information and Telecommunications Network Society (IT Strategic Headquarters; founded in January 2001 under the IT Basic Law)

IT Strategic Headquarters, the government's decision-making institution regarding IT policy, is directed by the Prime Minister and consists of related ministers and experts.

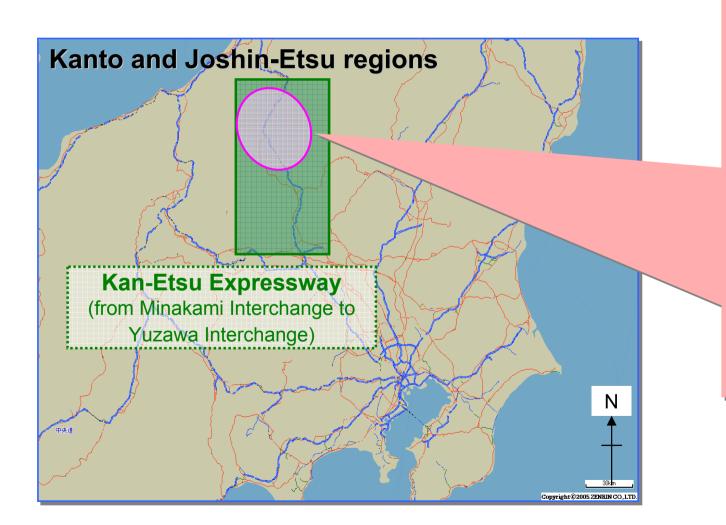


#### Smartway public road testing on the MEX (FY 2007-)



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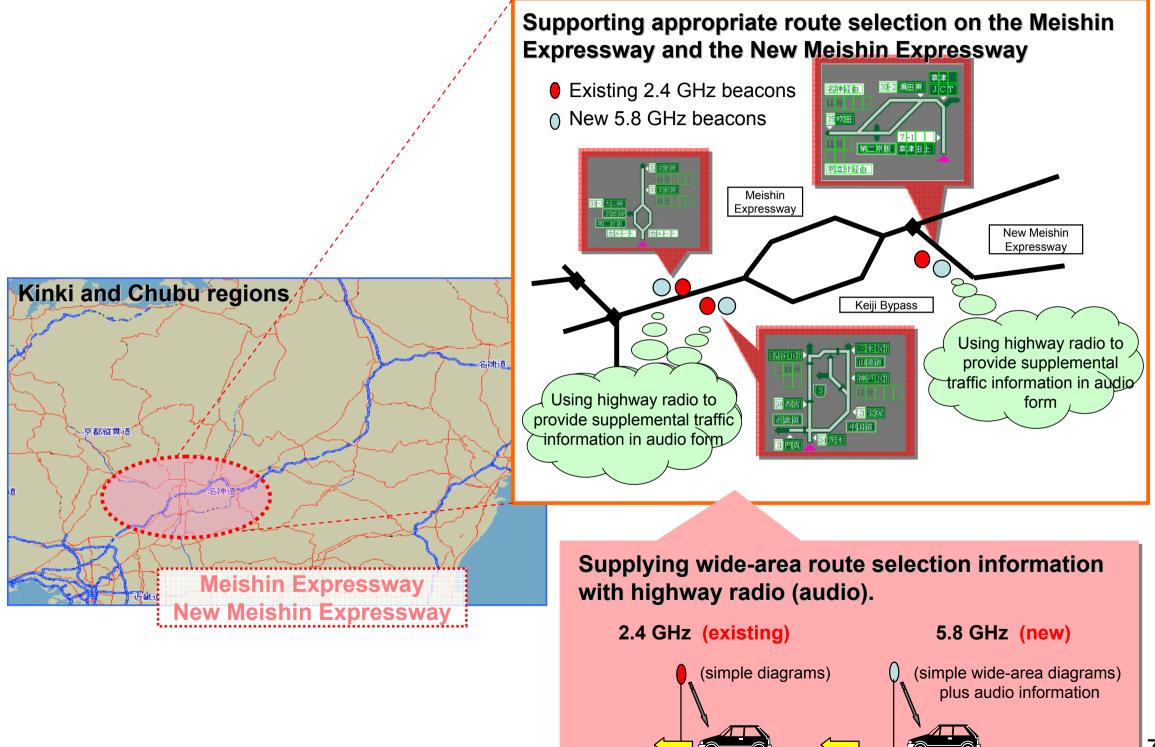
Countermeasures for snowy and icy roads using Smartway (FY 2008-) 望国土交通省



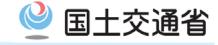


Using cooperative vehiclehighway ITS technologies to collect and supply vehicle behavior data

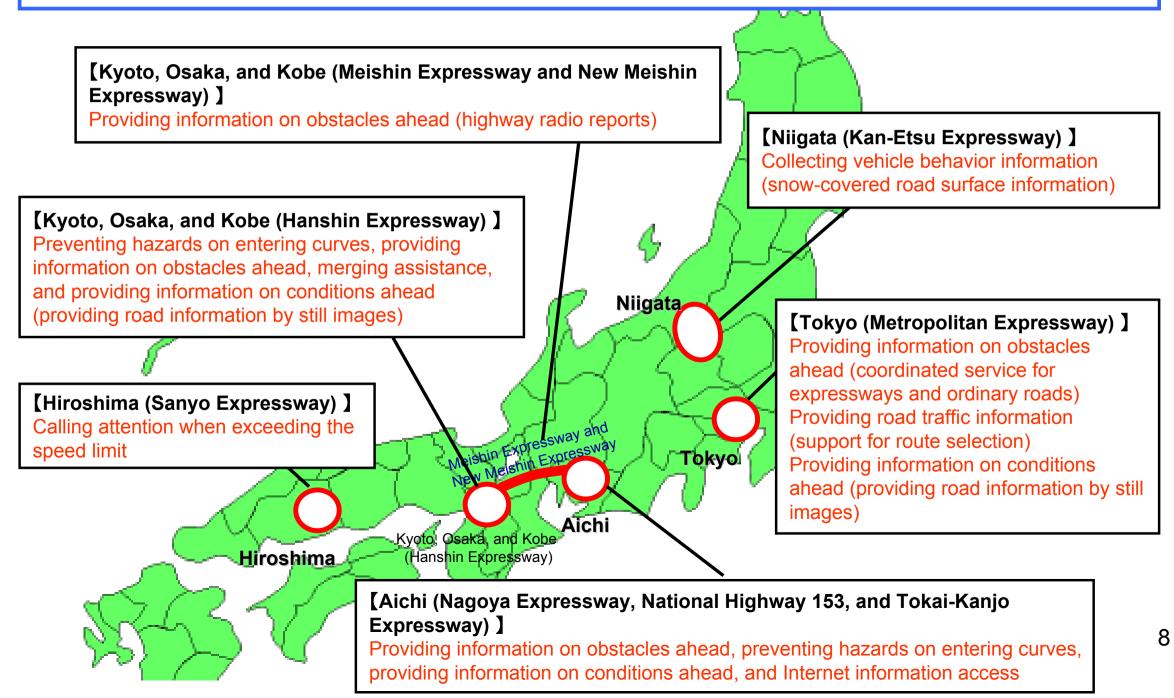
## Support for effective route selection using Smartway (FY 2008-学国土交通省

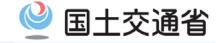


## List of Smartway test locations (FY 2008-)

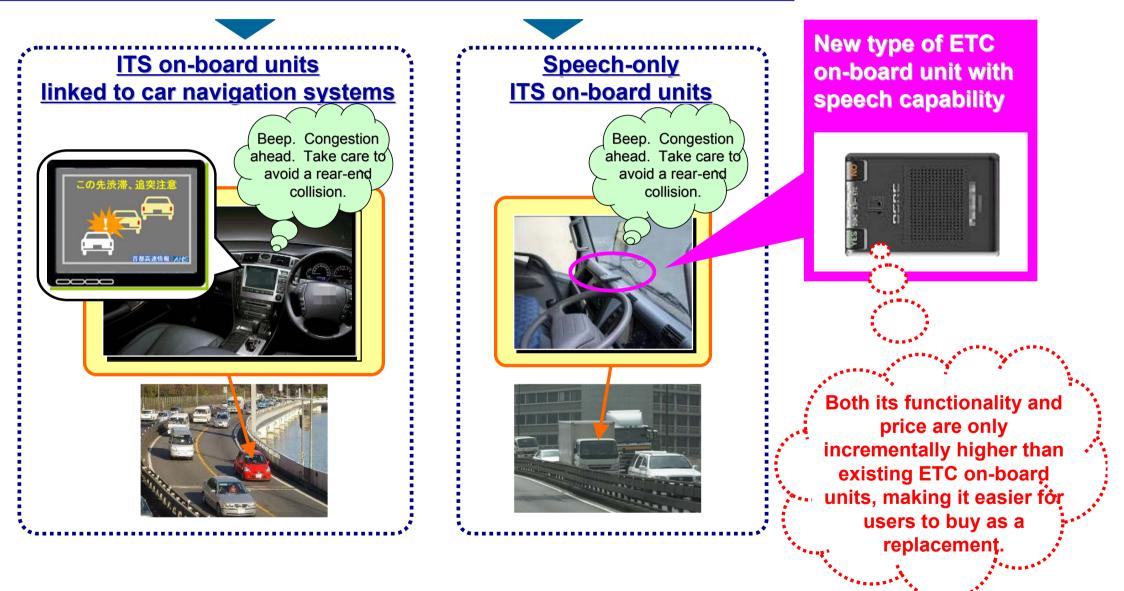


Beginning in fiscal year 2008, testing is being expanded to various other areas besides the main focus of Tokyo. Services based on the characteristics of each region will be tested.

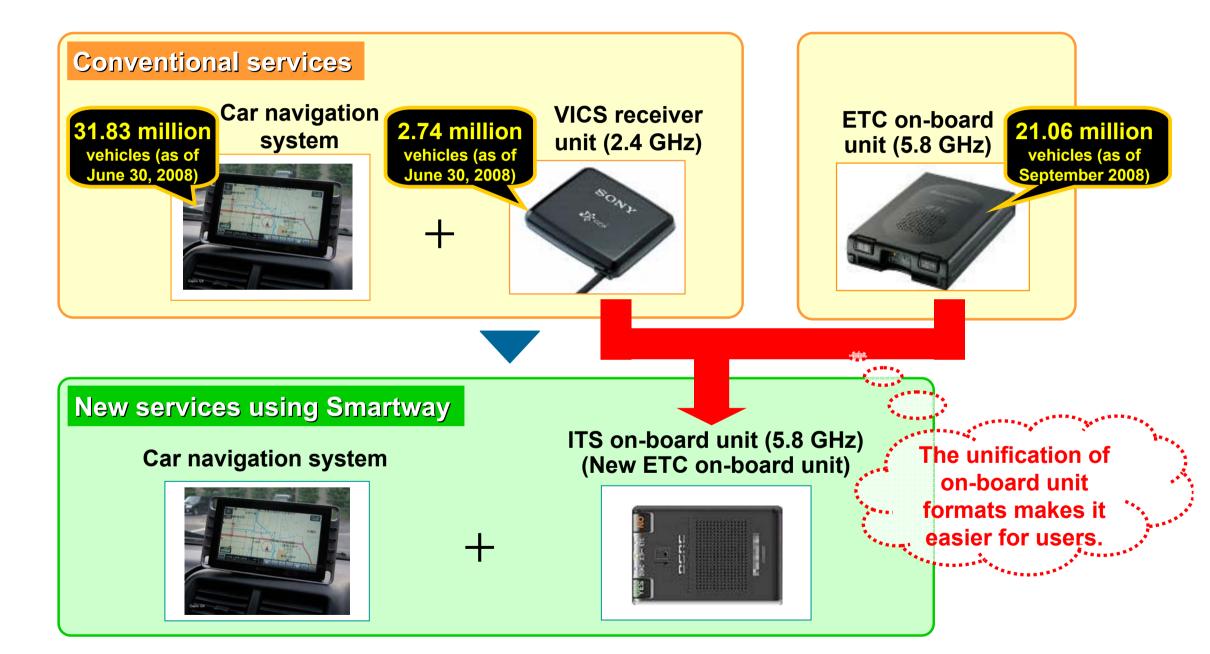




#### **On-board units for the realization of Smartway services**











- To verify the effectiveness of driving safety support systems based on vehicle-highway cooperation, the public and private sectors have cooperatively implemented public road testing in accordance with the needs of specific regions and routes.
- The result of technological integration on a common platform and development of service models based on the user's point of view will be to achieve a more advanced system with lower costs, leading to widespread adoption.
- We anticipate further progress in the future with plans that are based on services to provide road traffic information using VICS, which will be continued and expanded.

# Thank you



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