EXECUTIVE SESSION 07 Addressing Non-Technical Barriers to Cooperative ITS

Policy for Cooperative ITS in Japanese Smartway Project

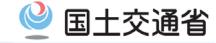
November 2008 Tadashi Okutani

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



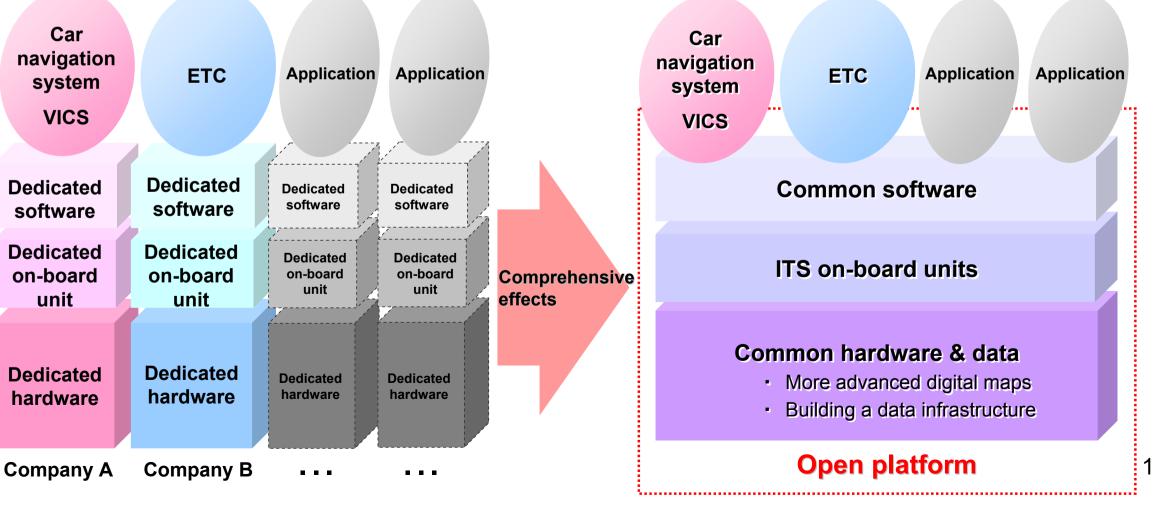
Ministry of Land, Infrastructure, Transport and Tourism

Building a common infrastructure

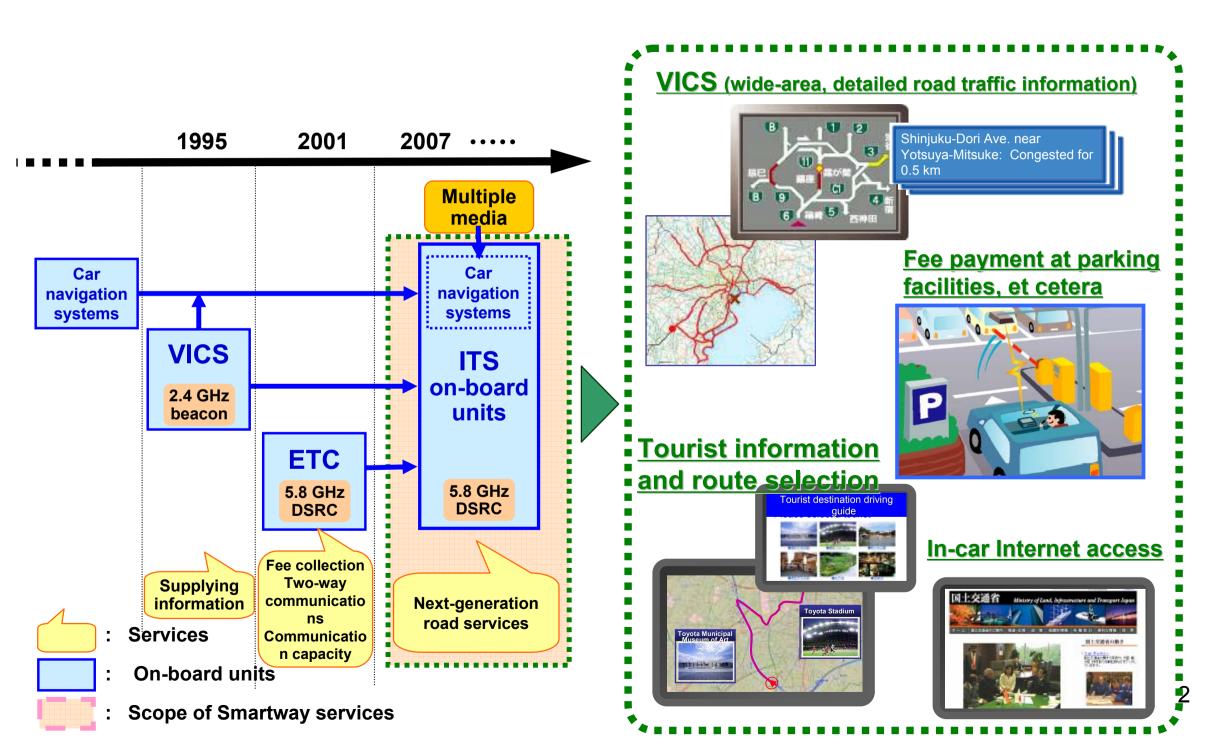






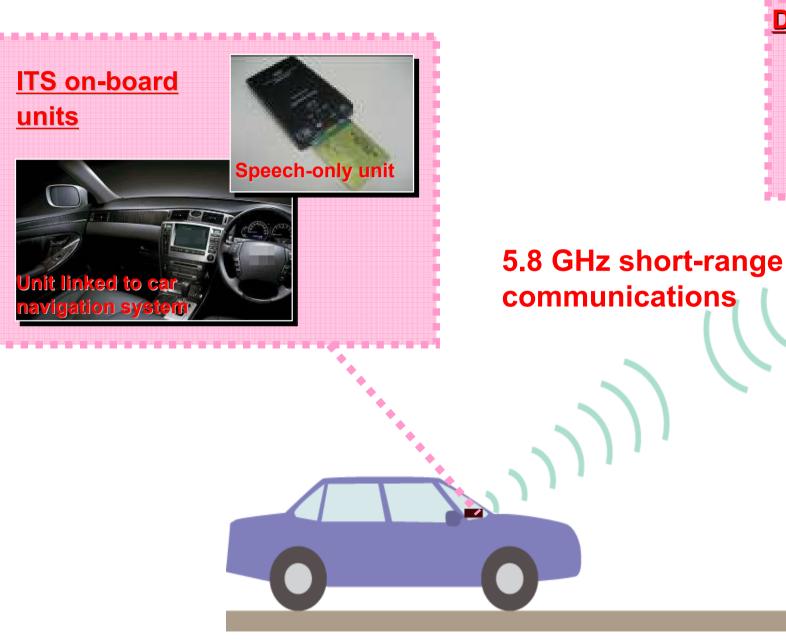


Diversification of services with a common infrastructure 🔮 国土交通省



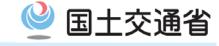
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New cooperative vehicle-highway system



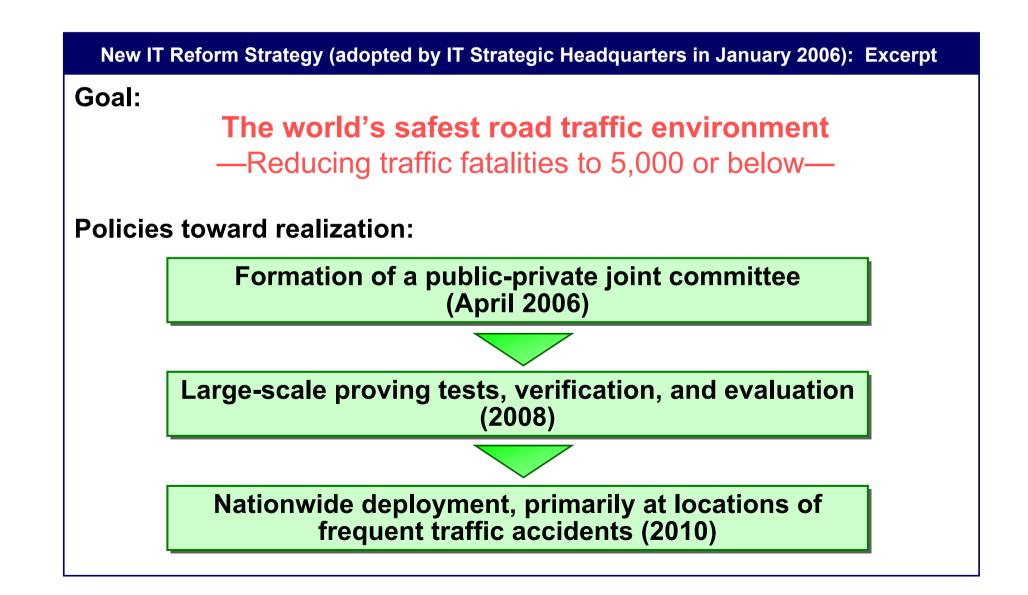
DSRC roadside unit



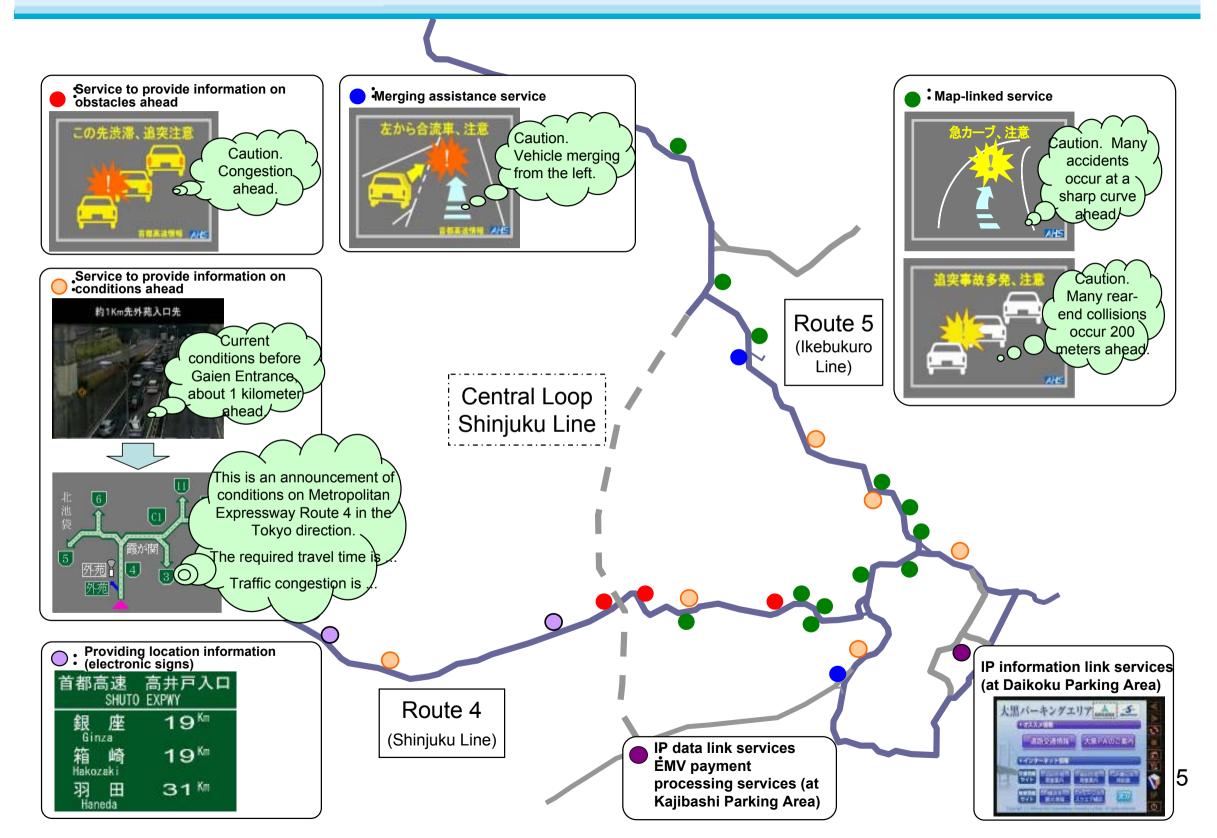


Strategic Headquarters for the Promotion of an Advanced Information and Telecommunications Network Society (IT Strategic Headquarters; founded in January 2001 under the IT Basic Law)

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.

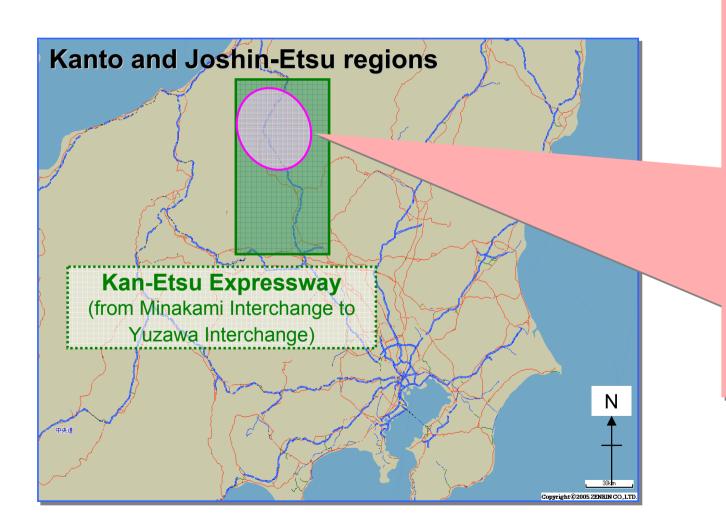


Smartway public road testing on the MEX (FY 2007-)



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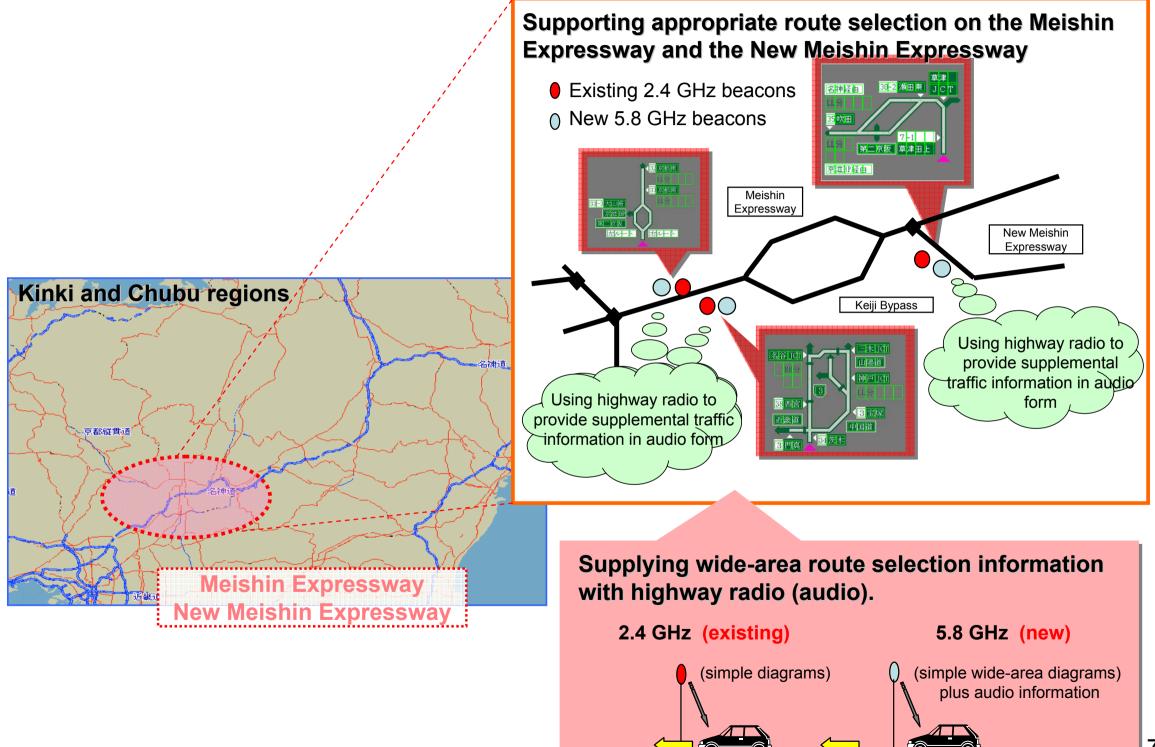
Countermeasures for snowy and icy roads using Smartway (FY 2008-) 望国土交通省



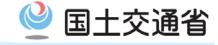


Using cooperative vehiclehighway ITS technologies to collect and supply vehicle behavior data

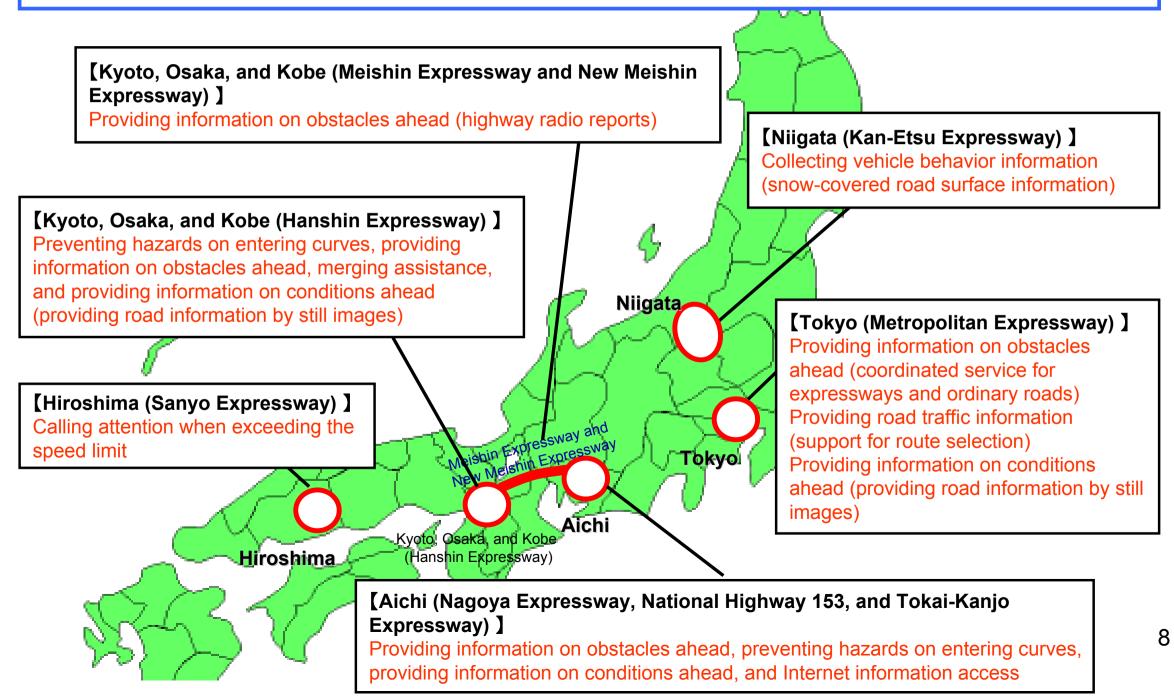
Support for effective route selection using Smartway (FY 2008-学国土交通省

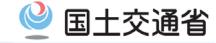


List of Smartway test locations (FY 2008-)

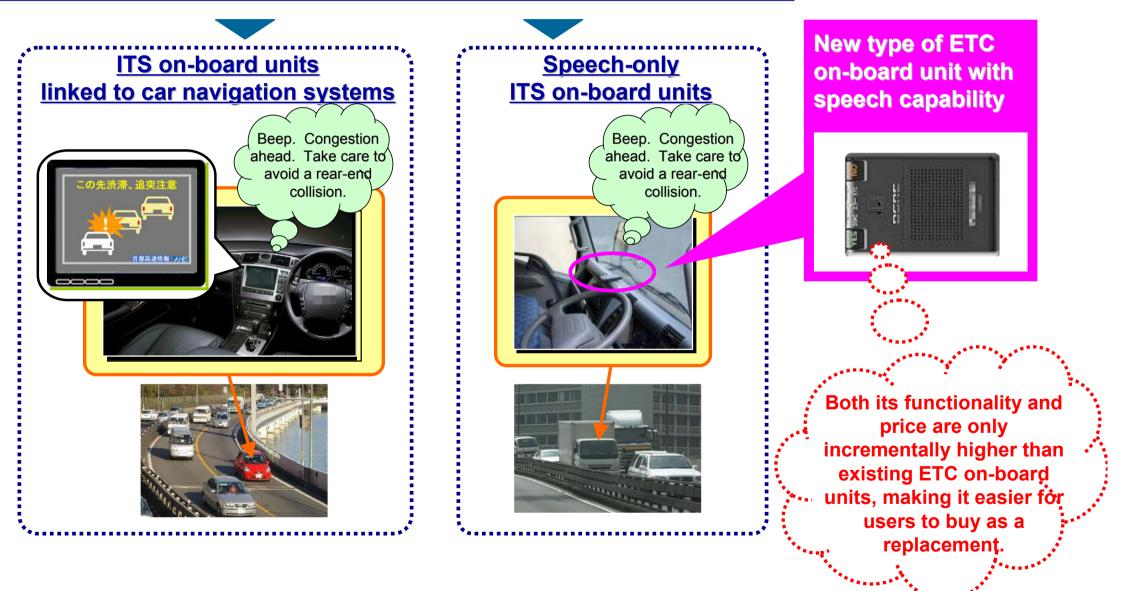


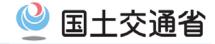
Beginning in fiscal year 2008, testing is being expanded to various other areas besides the main focus of Tokyo. Services based on the characteristics of each region will be tested.

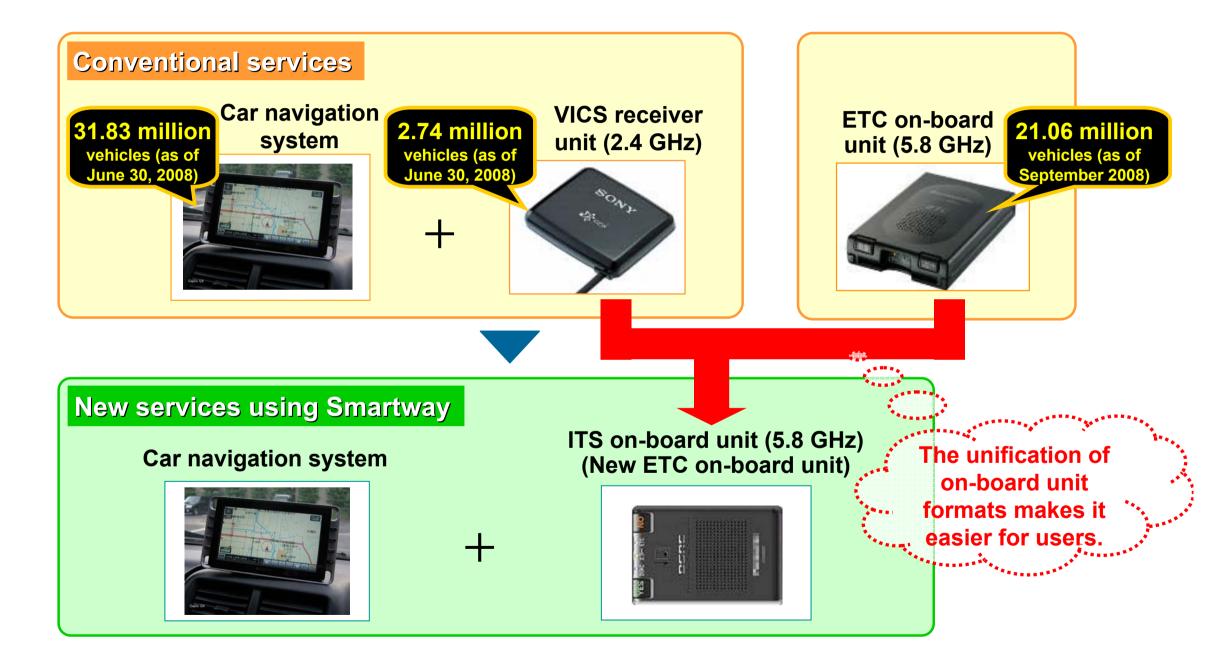




On-board units for the realization of Smartway services











- 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



Ministry of Land, Infrastructure, Transport and Tourism

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