

Future directions for the trilateral ITS cooperation



History of Japan's Technology Cooperation with Europe and the United States



United States



Japan



Europe

2010

October 2010

EU-Japan-US Trilateral ITS Conference was held (in Tokyo)
A road-vehicle coordination ITS workshop for traffic safety and sustainability was held (in Pusan)

October 2010

A memorandum of cooperation concerning the ITS field was signed by the Road Bureau, MLIT(Japan) and RITA, DOT(US)

2011

June 2011

A memorandum of cooperation concerning the ITS field was signed by the Road Bureau, MLIT(Japan) and DG-INFSO(EC)

October 2011

Bilateral conferences were held in conjunction with the ITS World Congress (Japan-US and Japan-EU; in Orlando, USA)

2012

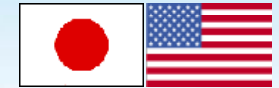
May 2012

EU-Japan ITS workshop and bilateral conference were held (in Tokyo)

September 2012

US-Japan ITS Task Force were held(in Tokyo)

Progress of cooperative activities (US-Japan)



■ General situation

- Priority areas for collaboration are specified based on a Memorandum of Understanding for collaboration.
- Of these areas, **joint Japan-U.S. research projects** are currently underway in two areas: **"Assessment Tools & Methods"** and **"Probe Data."** Discussions are underway at the Japan-U.S. task force conference.
- A joint research plan for "Probe Data" was formulated in March 2012. A midterm report was presented at the ITS World Congress in Vienna in October 2012.
- A joint research plan for "Assessment Tools & Methods" is currently being formulated.



■ General situation

A public sector and private sector ITS Spot survey team visited Japan in May 2012. Public sector participants included representatives from the European Commission General Information Society and Media Bureau. Private sector participants included representatives from ERTICO and private sector technology specialists.

- Bilateral Japan - EU conference (May 14, 2012, MLIT conference room)
 - ✓ Exchange of views regarding recent ITS-related efforts and policies in Japan and the EU
 - ✓ Discussion of specific content for future bilateral cooperation

- ITS Spot observation (May 14, 2012, Metropolitan Expressway, MLIT conference room)
 - ✓ Participation by representatives from ERTICO and private sector technology specialists
 - ✓ Driving demonstration on Metropolitan Expressway model route and visit to Traffic Control Center
 - ✓ Exchange of views regarding actually deployed ITS Spot service

- Public Sector and Private Sector Japan - EU Cooperation Workshop (May 15, 2012 Hamarikyu Gardens Conference Center)
 - ✓ Held in cooperation with ITS Japan. Featured presentations by representatives from the Ministry of Economy, Trade and Industry, the Ministry of Internal Affairs and Communications and private sector companies.
 - ✓ Presentations were divided into three sessions: "Standardization" "Improvement of Energy Efficiency & Assessment Tools and Methodology" and "Public Road Testing and Probe Data."

Areas in which Japan can contribute

- Experience and lessons learned from actual deployment of 'ITS Spot' services
 - ✓ Dissemination and promotion policies implemented through public sector and private sector collaboration (promotion of roadside unit placement/sale of onboard units)
 - ✓ Use of probe data in road administration
 - ✓ Handling of probe data (privacy, etc.)
 - ✓ Assessment methods for deployed services

- Potential for use of ITS in the event of a disaster
 - ✓ Information on available routes through integration of private sector probe data
 - ✓ Improved accuracy through coordination with road administrator information on closed routes

- Autopilot