



December 21, 2021
Roads Bureau
Planning Division

The 35th Japan-China Road Meeting (Report)

--- Technological Exchange between Japan and China in the Roads Sector ----

The Ministry of Land, Infrastructure, Transport and Tourism (MLIT) and the Ministry of Transport of the People's Republic of China (PRC) held online the 35th Japan-China Road Meeting on December 21.

In this meeting, we shared knowledge in the road sector about development of digitalization and artificial intelligence as well as about technologies related to the environmental concerns, and confirmed continuing technological exchange between Japan and the PRC.

An agreement was made to hold a Japan-China Road Meeting in 1984, since which time this meeting has been held almost every year for more than 30 years in order to advance technological exchanges on the topic of road maintenance and other infrastructure matters. A summary of the latest meeting, held on December 21st, 2021, follows.

<<The 35th Japan-China Road Meeting>>

(1) Date: December 21, 2021 (Tuesday)

(2) Major participants:

Japan: Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

KURANO Yasuyuki, Deputy Director-General, Road Bureau;

YAO Mitsuhiro, Director, International Affairs Office, Planning Division, Road Bureau;

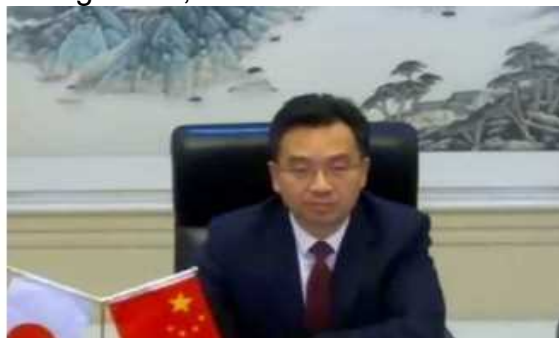
China: Ministry of Transport of the People's Republic of China

WU Chungeng, Director, Public Roads Division:

ZHANG Jian Jun, Director of Technology Management, Public Roads Division:



Opening remarks from Deputy Director-General Kurano (MLIT)



Opening remarks from Director Wu

Appendix: Summary

The meeting featured presentations and lively discussions on two common themes: the development of road digitalization and the application of intelligence to roads; and trends in technologies for roads with concerns for environmental factors.

Presentation from Japan

- Regarding the digital transformation (DX) of road systems, the presentation introduced the latest trends in efforts at the Ministry of Land, Infrastructure, Transport and Tourism to improve the sophistication and efficiency of road management, including work on road patrols using real-time sharing of in-vehicle cameras, traffic hazard detection systems using CCTV cameras and AI analysis, road data platform construction, etc.
- Regarding pavement recycling technology, examples from Japan were introduced, including transitions in pavement stock volumes, amounts of construction waste discharged, the current status of pavement recycling, and various methods for pavement restoration.

Presentation from China

- Regarding the development of digitalization and intelligence of roads, the Fourteenth Five-Year Plan and vision for 2035 were introduced, along with verification of the effectiveness of big data, and the prospects for automated driving and technology guides to support it.
- Regarding road infrastructure development and environmental protection, examples from China were introduced, including effective use of resources, energy conservation using solar power, low-carbon technologies, and consideration for the environment.

At the meeting, we shared the latest information on the road sectors in the two countries and confirmed continuous cooperation between Japan and the PRC on such issues. At MLIT, we will utilize the knowledge obtained at the meeting for domestic road administration, and will continue technological exchanges on road issues between Japan and the PRC.



Images of the meeting