

## **APEC PPSTI Jiading Declaration on Internet of Vehicles**

We, participants from Australia, Canada, Chile, China, Hong Kong China, Indonesia, Korea, Malaysia, Mexico, Papua New Guinea, Peru, the Philippines, Russia, Singapore, Chinese Taipei, Thailand, USA and Viet Nam, as nominated by Policy Partnership on Science, Technology and Innovation (PPSTI) members, were present at Mobile and Mobility Connectivity (MMC) exposition, and the 4th APEC Internet of Vehicles Symposium themed 'Future City & Future Transportation'. With the official theme of "Creating New Dynamism, Fostering a Shared Future" we affirm to continue working on our common endeavor to support free and open trade and investment, sustainable economic growth and shared prosperity in the Asia-Pacific region, and specifically on implementing the APEC's Connectivity Blueprint. Following this vision, we look forward to successful results and shared experiences.

APEC Internet of Vehicles is an APEC PPSTI funded project co-supported by the Telecommunications and Information Working Group (TEL) and the Transportation Working Group (TPTWG) - IIEG & LEG. It is cosponsored by Australia, Canada, Chile, China, Hong Kong China, Indonesia, Japan, Malaysia, Mexico, Papua New Guinea, Peru, the Philippines, Russia, Chinese Taipei, Thailand and Viet Nam and aims for the implementation of vehicle-to-vehicle connectivity to improve the safety and efficiency of road transportation. The project is an important part of PPSTI that aims to promote further implementation of a variety of achievements in Science Technology and Innovation.

Four years after Jiading hosted the first APEC Internet of Vehicles Symposium, the regional understanding on MMC and the Internet of Vehicles is making progress, but faces increasingly far-reaching and interrelated challenges. The transportation impacts on the environment and the risks posed by IT technology development inequality affect prospects for sustainability of traditional transportation systems, and deepen uncertainty toward the progress of the future city. While these challenges may pose a risk to our common aspirations and objectives, our efforts shall ensure the APEC Internet of Vehicles Symposium and MMC is an accessible platform of real-world examples that can, through cooperation, continue to be an incubator of ideas for the future of urban transportation. We remain committed to the implementation of a broad, sustainable multilateral framework for global collaborations. We also welcome the recent entry into force of the Organization for Economic Co-operation and Development - International Transport Forum (ITF-OECD) in the European Union earlier this year and the continuing series of World Congresses on Intelligent Transport Systems (ITS-WC), and commit to collaborating in their contributions to the future city and future transportation that support reliability, safety and equal access.

APEC (PPSTI, TEL, SCSC and TPT-LEG, IIEG) and other related stakeholders appreciate this opportunity to comment on this subject:

1. We welcome the current model of MMC and Internet of Vehicles as one of several collaborations that can help guide the automotive and freight industries in advancing their development,
2. We acknowledge a new surface transportation ecosystem as a holistic automotive/heavy vehicle industry chain integrating R&D, manufacturing, tourism, education, training, culture and trade,
3. We recognize the importance of building both an International Electric Vehicle Demonstration and Proving facility and a Global Intelligent and Connected Vehicle Testing Demonstration facility within the APEC region,
4. We encourage member economies to maintain their unique cultures, create better urban environments and build demonstration areas integrating manufacturing capacity and city life,
5. We look forward to seeing member economies continue their accelerating innovation and transformation on MMC and Internet of Vehicles and other collaborative endeavors as well as the future city and transportation development road-maps,
6. We underline the importance of the platform for public innovation and technological innovation, enhancements in the R&D of prospective interoperable technologies, exploration application and service of big data, and encourage development of automotive/heavy duty industries in science technology and innovation,
7. We appreciate the process of integration in all areas that drives the increase in demonstration and application of intelligent automotive manufacturing,
8. We support that member economies continue to optimize the environment to attract high-quality companies and develop a global-leading automotive supply and service chain covering the APEC region,
9. We welcome the trend of deploying intelligent technologies and mobility systems with the goals of developing intelligent energy systems and low-carbon, intelligent, eco-friendly shared transportation, and promoting regional sharing mobility,
10. We welcome the highly diversified platforms for cross-industry communication and open cooperation which will gather renowned global institutions and organizations, talents and other practitioners,

11. We understand the importance of policy recommendations to improve guarantee systems and supporting policies for talents and finance which create better business environments and services for our corporate conglomeration,
12. We highlight the past publications: the 1st and 2nd APEC White Papers on Internet of Vehicles, published with the support of PPSTI and other APEC sub-forums and welcome the future endorsement of the 3rd White Paper and this declaration,
13. We promote the integration of the network of transportation, energy, information and human services to achieve greater success in human communities and global sustainable development.

*Drafted by China Science and Technology Exchange Center & Chinese Academy of Sciences  
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