

**JOINT DECLARATION ON COMPREHENSIVE
COOPERATION FOR SMART MOBILITY BETWEEN
ASSOCIATION OF SOUTHEAST ASIAN NATIONS
(ASEAN) AND THE REPUBLIC OF KOREA (ROK)**

The Fourteenth ASEAN and ROK Transport Ministers (14th ATM+ROK) Meeting was convened on 10 November 2023 in Luang Prabang, Lao People's Democratic Republic.

RECALLING the importance of ASEAN and ROK's collective efforts for regional integration and cooperation as well as promotion of sustainable development, in response to emerging challenges and opportunities, which will contribute to develop principles of the ASEAN Outlook on the Indo-Pacific (AOIP) and the Korea-ASEAN Solidarity Initiative (KASI);

SHARING a common view that smart mobility transformation in the transport sector such as the provision of user-oriented services with digitalised, automated, and electrified mobility measures should be varied depending on the circumstances of each country and the impact on its economic growth;

RECOGNISING the need for comprehensive strategies for ASEAN on smart mobility to guide and coordinate transport initiatives that will employ smart mobility technologies, synergise the implementation of mobility initiatives, and contribute to decarbonization in the region;

RECOGNISING the importance of cooperation between ASEAN and ROK in implementing smart mobility transition and supporting ASEAN Member States in doing so;

RECALLING the ROK's support to conduct a study on "Building a Comprehensive Strategy for ASEAN Smart Mobility" initiated at the 13th ASEAN and ROK Transport Ministers Meeting on 16 October 2022 and reaffirming deliberations of progress of this study at the 55th ASEAN Senior Transport Officials Meeting (STOM) on 7 June 2023 and 32nd ASEAN Land Transport Working Group (LTWG) meeting on 6 September 2023;

SHARING the view that latest advancements in vehicle technologies, such as electric and automated vehicles, accelerate mobility transformation and advancement in transport communication technologies, lead the emergence of

cooperative-intelligent transport system (C-ITS) between road infrastructure and vehicles, and catalyse the integration of artificial intelligence (AI) and big data into the provision of user-oriented services;

RECOGNISING that the common vision for enhancing the quality of life of people in ASEAN and promoting the development of the mobility industry will be achieved through Smart Mobility strategies and initiatives, such as realising e-mobility for carbon neutrality in the transport sector, laying the groundwork for the provision of convenient mobility services, advancing and expanding the development of efficient intelligent transport systems, innovating transport infrastructure for mobility service provision through digitalisation, and pursuing the development and innovation of sustainable mobility ecosystems ;

EMPHASISING the complementarity of the United Nations 2030 Agenda for Sustainable Development with ASEAN Community building efforts to uplift the standards of living of the people;

AFFIRMING the development of comprehensive smart mobility governance through reform of legal and administrative systems to embrace innovative smart mobility in the transport sector while increasing road infrastructure investment, international cooperation and human resource development; and

ACKNOWLEDGING the advancement of smart mobility technologies to improve mobility and connectivity of ASEAN Member States, quality of lives of ASEAN people, and inter-regional cooperation and economic potential.

DO HEREBY DECLARE TO:

1. **PROMOTE** carbon neutrality in transport sector and mobility industry by expediting e-mobility ecosystem development such as adoption of electric bus for urban public transport, commercial fuel cell electric vehicles, and fast-charging infrastructure on inter-regional highways as well as electric vehicle (EV) life cycle management systems including EV battery management system, EV inspection and safety management system, and EV safety training and capacity building program.
2. **SUPPORT** the development of an enabling environment for mobility service provision for improving passenger convenience and mobility such as passenger-centric mobility services including platform-based mobility services, implementation of inter-modal transfer system for public transport

ridership, and future-proofing our public transport systems through automation.

3. **ENCOURAGE** advancement and expansion of efficient intelligent transport system (ITS) for improving traffic flow and enhancing road transport safety such as advancing comprehensive urban management system for improving urban transport, implementing C-ITS for sharing transport information and providing safety services through bidirectional communication networks, and advancing novel mobility services to improve efficiency including smart public transport system, smart parking system and multi-lane smart tolling system.
4. **SUPPORT** and improve smart mobility services using innovative digital infrastructure in transport sector such as implementing digital infrastructure for new mobility services including communication networks dedicated for vehicle-to-infrastructure communications, high-definition geospatial information for automated vehicles, digital twin for urban transport management and identity verification for mobility services.
5. **PROMOTE** the development of the mobility industry ecosystem for catalysing the industry and strengthening industrial competencies, as well as enhancing technological competencies through cooperation on research and development (R&D), developing international standards for industrial advancement, and improving competencies through the development of educational programmes and capacity programmes for nurturing mobility experts.
6. **PROMOTE** cooperation, partnership, and engagement with the private sectors to advance smart mobility in the region.
7. **TASK** the relevant ASEAN and ROK transport cooperation platforms to follow up the implementation of this declaration.

Adopted on this Tenth Day of November in the Year Two Thousand and Twenty-Three, in a single original copy in the English Language.
