

MEMORANDUM OF UNDERSTANDING

BETWEEN

THE MINISTRY OF TECHNOLOGY AND INDUSTRY OF HUNGARY,

**THE MINISTRY OF TRANSPORT AND CONSTRUCTION OF THE
SLOVAK REPUBLIC**

THE MINISTRY OF TRANSPORT OF THE CZECH REPUBLIC AND

**THE MINISTRY OF INFRASTRUCTURE OF THE REPUBLIC OF
POLAND,**

**ON COOPERATION IN THE DEVELOPMENT AND TESTING OF
COOPERATIVE, CONNECTED, AND AUTOMATED MOBILITY**

The Ministry of Technology and Industry of Hungary,

the Ministry of Transport and Construction of the Slovak Republic

the Ministry of Transport of the Czech Republic

the Ministry of Infrastructure of the Republic of Poland,

hereinafter jointly referred to as the “Participants” and in the singular as a “Participant”, have reached the following understanding:

Preamble

The Participants of this Memorandum have a common understanding that digitalisation is a core element of future mobility systems which needs to be safe, efficient and environmentally friendly as well as socially sustainable. Technological advances in the areas of Cooperative, Connected and Automated Mobility (CCAM) offer great potential to contribute to meeting the challenges that mobility systems face, such as massive traffic growth, safety and accessibility needs, changing mobility demands or rising transport emissions.

Section 1: Goals

- (1) Promotion, harmonisation and reinforcement of the legal, societal, economic, technical and institutional processes necessary for cooperating on the development and testing of CCAM and related technologies.
- (2) Joint efforts in establishing adequate conditions and frameworks in the Visegrad Group countries for CCAM development, thereby accelerating the spread of new technologies in both mobility and transportation system deployment.
- (3) Cooperation of the Participants with each other and with the European Commission in solving the current and rising challenges of CCAM testing and deployment related to regulation and standardisation, as this is a precondition for the large-scale testing and implementation CCAM.
- (4) Cooperation on defining essential use-case scenarios, learning environments, and methods for assessing the organisational, environmental and social impacts of CCAM implementation as well as challenges such as the deployment of necessary digital infrastructure.
- (5) Coordination in facilitating extensive cooperation in the field of research and development and innovation.

Section 2: Areas of Cooperation

The Participants intend to cooperate actively on the development and testing of CCAM. The specific areas of cooperation in the form of an exchange of best practices with aim to develop common activities are the following:

- facilities and other infrastructure for testing and validation,
- national strategies for the development of CCAM and related areas covered by this Memorandum,
- implementation of relevant technologies (if applicable),
- R&D, innovation and national education programmes in regard to the contents of this Memorandum,
- public road tests of CCAM,
- cooperation between the relevant stakeholders including research and academic entities, professional networks or associations.

Section 3: Operational Issues


- (1) The cooperation between the Participants should be based on a number of pillars including cooperation on existing managed test environments, cooperation among research and public sector partners, professional networks and industry associations as well as road operators as follows:
 - a. Test centres, facilities and test environment for CCAM is represented by:

- i. Automotive Proving Ground ZalaZONE (Communication networks, ITS-G5, 5G)
 - ii. Motor Transport Institute Warsaw
 - iii. Ministry of Transport of the Czech Republic, in cooperation with Transport Research Centre
 - iv. Ministry of Transport and Construction of the Slovak Republic
 - b. Bodies responsible for legislation, policy making is represented by:
 - i. Ministry of Technology and Industry of Hungary
 - ii. Ministry of Infrastructure of the Republic of Poland
 - iii. Ministry of Transport of the Czech Republic
 - iv. Ministry of Transport and Construction of the Slovak Republic
- (2) The Participants support interaction among relevant stakeholders in order to coordinate RDI initiatives and projects the testing and validation of CCAM, including their sub-systems and components.
- (3) The Participants, representing their respective pillars, should collaborate in the creation of a work plan to deploy actions supporting the development and testing of CCAM.
- (4) The Participants may also designate other entities for realisation of particular projects, if appropriate.
- (5) The Participants will strive to make efforts in order to support the effective use of existing research, development and innovation programmes and funding mechanisms at national and European level, including CCAM Partnership within Horizon Europe Framework Programme.

Section 4: Final Provisions

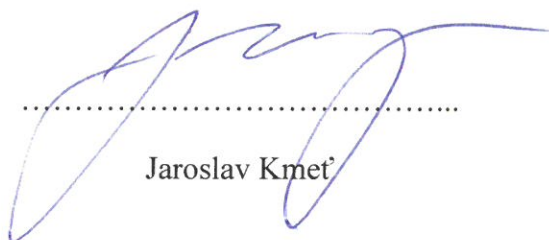
- (1) This Memorandum does not create any mandatory financial obligations for the Participants.
- (2) This Memorandum is not an international agreement and does not establish any rights or obligation in accordance with international law.
- (3) The progress of the cooperation will be reviewed and evaluated biannually taking into account technological progress and societal needs in the fields covered by this Memorandum.
- (4) Signed in 4 originals in Budapest on 24 June 2022, in the English language.

For the Ministry of Technology and Industry
of Hungary



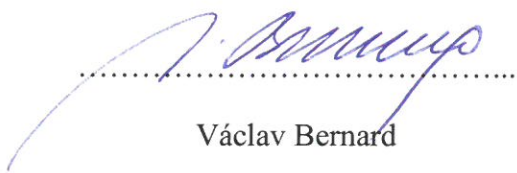
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Dávid Vitézy

For the Ministry of Transport and
Construction of the Slovak Republic



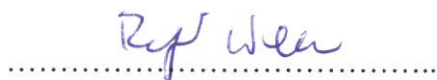
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Jaroslav Kmet

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Republic



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Václav Bernard

For the Ministry of Infrastructure of the
Republic of Poland



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Rafał Weber