

INLAND TRANSPORT COMMITTEE



Report on TEM Project deliverables for 2019

TEM Project Central Office

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TEM strategic plan 2017-2021

vision and mission

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- Vision: The TEM Project aims at obtaining the role of a substantive partner for the UNECE and the Inland Transport Committee on road infrastructure management, thus supporting the UN and TEM member States in achieving the sustainable development goals by implementing the Project strategic initiatives.
- Mission: The TEM Project constitutes a forum for cooperation between the governments of the TEM member States, which creates standards, good practices and guidelines for systemic and strategic issues related to road infrastructure management. In its activities the TEM Project takes the perspective of national government administrations, and focuses on the issue of sustainable development.

TEM Programme of Work 2019

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- Strengthening capacities of TEM Participating Governments by attending the workshops and exchanging of knowledge and best practices in the following areas:
 - Network development and funding strategies;
 - Operational proficiency of road sub-sector within TEM Participating Governments;
 - Responsiveness to trends in transportation and economy.
- Preparation of high-quality deliverables/reports based on organized workshops with topics closely related to the areas mentioned above, and with active involvement of representatives of TEM Participating Governments.
- Increase effectiveness and efficiency of TEM Project, both for TEM participating and other countries, through an active cooperation with European and American partners based on experience and best practice sharing and mutual cooperation.

TEM 2019 activities

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- Workshop on the use of BIM in the management of road infrastructure with presentation of experiences of TEM Participating Governments and representatives of the US States' Departments of Transport (DOTs) from Highway Engineering Exchange Program
- Participation in the 61st annual International HEEP Conference in Asheville, North Carolina, USA (8-12/09/2019). The main focus of this meeting was on implementation of Building Information Modeling into transportation infrastructure. In the same event, the Working Group on Asset Management was established with participation of TEM Participating Governments and HEEP participating DOTs



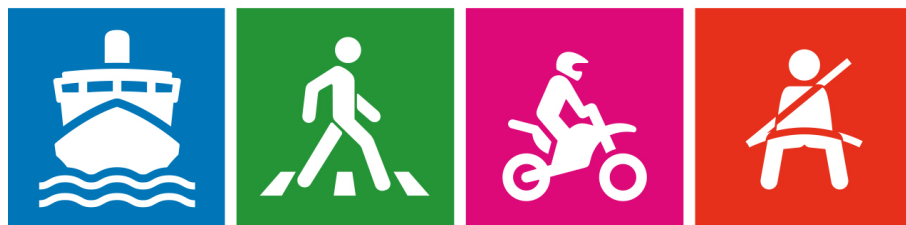
- **Report on Business models for road sub-sector in TEM Region (B1/B3) - delivered in 2019**
 - It describes how road infrastructure has become an essential part of daily life. Individual road users, logistic companies or public transportation agencies expect reliable and safe road infrastructure to carry out their transportation or wider mobility operations, moving goods and people.
 - Road authorities need to properly plan, build, maintain and operate the road infrastructure to create given above value for its customers.
- **Report on Maintenance Service Levels for TEM Network (C1) - delivered in 2019**
 - It include existing standards, together with models for financing of road maintenance. Guidelines for maintenance of roads and motorways describe technical aspects of all road elements and its maintenance procedures.



- **Report on Asset Management System Tools for Roads (C2) – to be delivered in the first quarter of 2020**
- analysis of the scope of Asset Management Systems (AMS) and its impact on the road authorities and its business processes (especially life-cycle management processes), maturity assessment methodology in terms of Asset Management and deployment approaches and strategies.
- **Report on BIM for infrastructure in the context of the government road administration (D2) - to be delivered in 2020**
- focus of the Report should be on analysis of the scope of BIM/CIM and its impact on the road authorities and its business processes (especially life-cycle management processes), maturity assessment methodology in terms of BIM/CIM and deployment approaches and strategies
- **Report on Tolling systems deployment: considerations and recommendations (B2) - to be delivered in 2020**
- Implementation of Electronic Tolling Systems (ETS) may be considered as a tool which enable achievement of strategic goals and objectives in the country's economy and its transport sector.



- **Report on Managing climate change risk in the road infrastructure subsector (A.2) – to be completed end 2020**
- **Report on Data management in transport infrastructure (C3) - to be completed end 2020**



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Thank you!