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Trans-European North-South Motorway (TEM) Project

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Submitted by TEM Manager

This document, submitted by the TEM manager, provides information on TEM Project activities in 2018.

Information on the Trans-European North-South Motorway (TEM) project development 2018

Submitted by the TEM Project Manager

TEM Project activities in 2018

On the basis of the TEM Strategic Plan 2017-21 adopted during the 68th session of TEM Steering Committee meeting (20-21 February 2017) and TEM Programme of Work 2018 adopted at 79th session of TEM Steering Committee (07-09 November 2017), the TEM Project realized number of planned activities – reports, workshops, seminars and international cooperation¹ - within three main areas:

- Network improvement and Funding of infrastructure;
- Operational proficiency for road infrastructure operators and authorities;
- Designing responses to trends in transportation.

Network improvement and Funding of infrastructure:

- During the 70th TEM Steering Committee (March 14-16, 2018 in Geneva) TEM Member States decided on preparation of the TEM Network Report 2018 – which will present an overall information on TEM network completeness, road safety, services at border crossings, and a mid-term review of projects identified by the TEM and TER Revised Master Plan (2011). The TEM Network Report may become a basis for development of TEM Network common projects i.e. elimination of the existing gaps and disparities in the Network, or improving services for transport at border crossings. The Report will be prepared by the end of 2018.
- The TEM Project Manager is chairing the Group of Experts on Benchmarking Transport Infrastructure Construction Costs, established under umbrella of WP.5, with full participation of TEM Member States in preparation of the Final report.
- Based on the Project stakeholder's analysis, TEM Steering Committee approved cooperation with International Transport Infrastructure Observatory (under WP.5 umbrella).

Operational proficiency for road infrastructure operators and authorities:

TEM Strategic Plan 2017-21 activities are divided into five strategic initiatives:

1. Environmental protection;
2. Organization and financing of the roads and motorways;
3. Information systems for the management of the road infrastructure;
4. Innovations in the road infrastructure management;
5. Road safety.

¹ TEM Project cooperates with US Highways Engineering Exchange Program (iHEEP); from 2018 close cooperation with World Road Association, International Road Federation and regional European initiatives has been foreseen.

Apart from TEM Network Report 2018, two TEM thematic reports are under preparation and will be delivered by the end of 2018:

1. Business Models for Road Sub-Sector;
2. TEM road and motorway maintenance standards.

Designing responses to trends in transportation:

- One of the strategic challenges in the TEM Project are related to improving operational proficiency of the road infrastructure operators – to foster readiness of road operators for future challenges like vehicle electrification and automation and sharing economy. In line with these trends, road operators should provide well-maintained, self-explaining roads, appropriate safety and security policies and well-managed data in terms of assets and traffic.
- TEM Project will contribute also to the Report prepared by the Working Party on Transport Trends and Economy - Mobility as a Service.
- The International Highways Engineers Exchange Programme (iHEEP) Area V is a forum for annual exchange of knowledge and know-how between Highway Engineers of North America and Europe. iHEEP is a US initiative and TEM Project is their European counterpart. This year 25th TEM iHEEP Area V 2018 Annual Meeting was held in Prague, Czech Republic, (28-30 May). Meeting was dedicated to one of the priority topics of the TEM Project – Road Asset Management. Representatives of TEM Member States and four Department of Transport of United States of America states shared their experiences and best practices on preparation of Transportation Asset Management Plans.
- During annual conference of iHEEP in USA (23-28 September 2018) Working Group on Asset Management was established from TEM Member States and US State DOT.

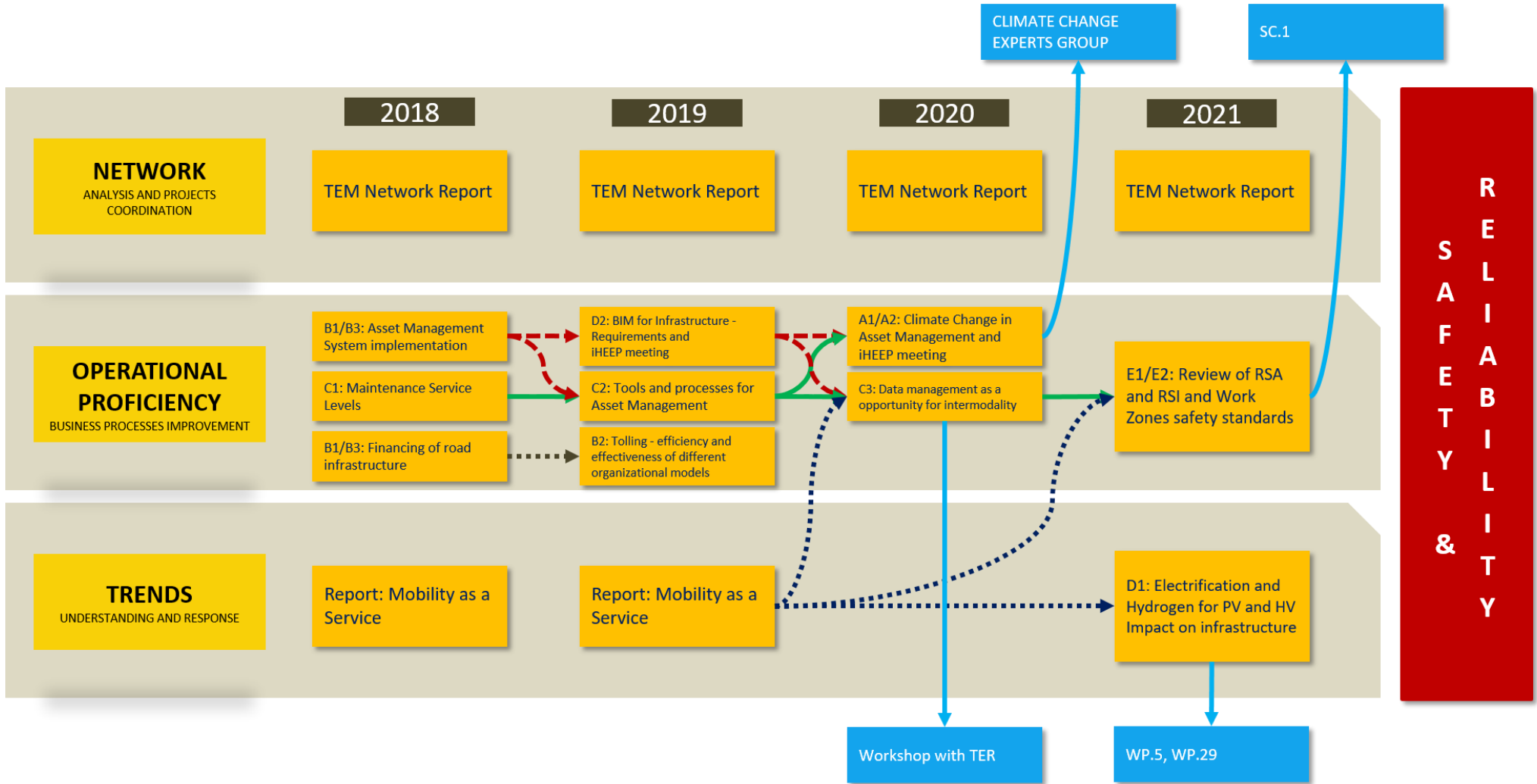
Conclusions

All activities, carried out during the reporting period, were in line with the Programme of Work 2018 and accepted by the TEM Steering Committee.

According to the TEM Trust Fund Agreement, TEM Project should address priority topics for Member States which leads to a more rapid integration of the motorway networks between Eastern and Western European countries. At the same time, TEM Project stipulates a creation of the common motorway standards in order to ensure a higher quality of service along major corridors in the participating countries (e.g. road safety, EIA, ITS and financing).

Attached is the Work Plan 2019-2021 (with planned reports), approved by the TEM Steering Committee on 12th of October 2018.

TEM Work Plan 2018-2021



Background

The Trans European North-South Motorway (TEM) Project is a sub-regional cooperation initiative among Central, Eastern and South Eastern European countries and works as a unique platform for road infrastructure providers and operators within framework of United Nations Economic Commission for Europe.

It has been established in 1977 to:

- facilitate road traffic in Europe,
- improve the quality and efficiency of transport operations,
- balance existing gaps and disparities between motorway networks in Western, Eastern, Central and South-Eastern Europe,
- assist the integration process of European transport infrastructure systems.
- TEM Network is the backbone of the Pan-European Road Corridors in CEE.

As for today the Project has 11 active Member Countries who signed the TEM Cooperation Trust Fund Agreement - Armenia, Austria (associate member), Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Lithuania, Poland, Romania, Slovakia, Slovenia and Turkey; four countries have observer status: Montenegro, Serbia, Sweden and Ukraine. Azerbaijani membership is pending, awaiting signature for accession.

Objectives of the Project

- To undertake coordinated actions of the participating countries for the creation of a Trans-European Motorway (TEM) network, that will form a system of high capacity roads ensuring an adequate quality of service for traffic by providing safety, speed and comfort, based on commonly accepted and adopted standards and practices recommended for use by all TEM countries
- To link within this network the Northern and the Southern and South-Eastern parts of Europe, from Baltic Sea to Adriatic, Aegean and Black Seas, via the participating countries
- To ensure a balanced system for transportation of goods and people between countries of Eastern, Central and Western parts of Europe, in particular those situated along its North-South axis
- To satisfy the transport demand of long distance and international traffic by offering an efficient and convenient mode of transport

Operational objectives

- To assist in accelerating of the construction of TEM network through the identification of investment needs and priorities, investigation of financial resources needed for TEM construction and the determination of appropriate and innovative pay-back systems for use at the TEM motorway
- To assist in designing, building, maintaining, operating and administrating of the TEM motorway network on the territories of participating states
- To assist extending the TEM by including into the basic agreed network a new links oriented in East-West direction across the North-South axis of TEM

- To assist in consolidating the role of the TEM in the progress of transport integration in Europe
- To promote and improve co-operation in all matters concerning road transport between TEM states having different levels of development
- To support knowledge dissemination, expertise and know-how developed in the TEM region to other regions of the world.