

**ECONOMIC COMMISSION
FOR EUROPE**

TRANS-EUROPEAN NORTH-SOUTH MOTORWAY (TEM)

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Main objectives of TEM project

- To facilitate road traffic in Europe,
- To improve the quality and efficiency of transport operations,
- To balance existing gaps and disparities between motorway networks in Western, Eastern, Central and South-Eastern Europe,
- To assist the integration process of European transport infrastructure systems,
- To improve national techniques and understanding of construction, management, operation and maintenance of motorways of the participating countries.

TEM development 2016

- (a) Financing the infrastructural projects to include: socio-economic evaluation and financial feasibility;
- (b) Road Safety Management, procedures, rules and strategies report;
- (c) Operational strategy for TEM project for 2016-2020;
- (d) Building Information modelling;
- (e) Road Maintenance and Asset Management – procedures, rules and strategies

Core activities for 2016

- Knowledge exchange
- Practical cooperation
- Cooperation with external stakeholders
- Data collection and network mapping
- Communication of TEM Project

TRANS-EUROPEAN NORTH-SOUTH MOTORWAY (TEM)

Strategic Plan in 2016 -2017
with a mid-term perspective until 2020

TEM Project – the need for the new formula and challenges

- External factors:
 - The rapid pace of development and widespread use of modern information technologies,
 - New socio – economic trends, which are shaped by modern technologies, such as so-called „sharing economy“,
 - Growing acceptance at the countries and societies level for a need to ensure sustainable development,
 - Other similar, international/ intergovernmental bodies and their activities
- Internal factors:
 - The new needs and expectations formulated by the member countries,
 - The process of the new TEM Project agreement preparation

TEM Project value proposition

UN, UNECE, WP5

I. TEM project supports UNECE and Inland Transport Committee in achieving the goals of sustainable development (the so-called SDGs) on issues related to the management of road infrastructure

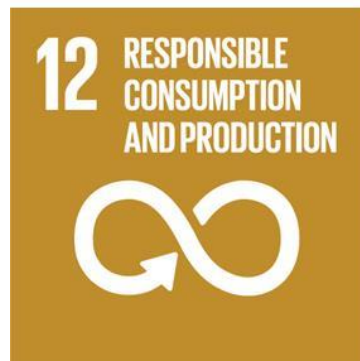
TEM PROJECT

II. TEM Project will interpret and translate the SDGs into strategic initiatives related to the key issues of the management of road infrastructure

STRATEGIC INITIATIVES

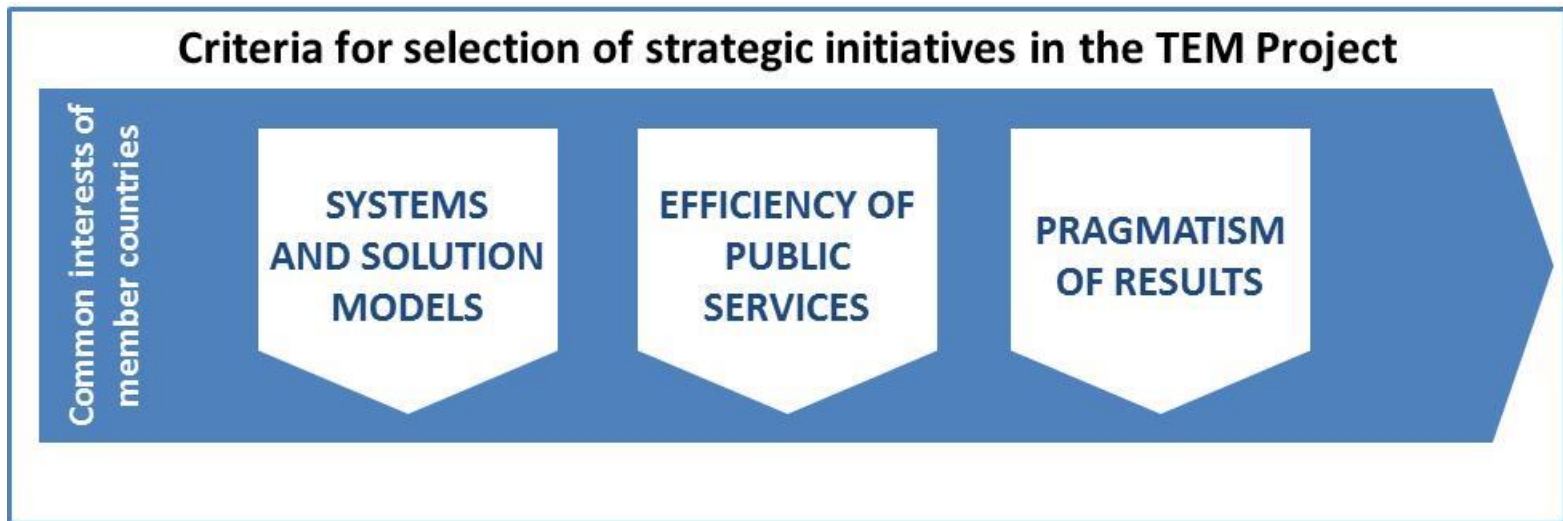
TEM Project – support for UN's sustainability agenda

In particular the TEM project will, through its initiatives, support the realization of such goals of the UN's agenda as:



TEM Project – approach to the strategic initiatives

- TEM Project will interpret and translate SDGs into strategic initiatives related to the key issues of the management of road infrastructure.
- Selects the initiatives which:



TEM Project – new strategic vision

TEM Project seeks to obtain the role of a substantive partner for UNECE and Inland Transport Committee on key aspects of the management of road infrastructure, thus supporting the UN and the member countries in achieving the objectives of sustainable development.

TEM Project – new strategic mission

TEM Project constitutes a forum for cooperation between the governments of the member countries, which creates standards, good practices and guidelines for systemic and strategic issues related to the management of road infrastructure. In its activities the TEM project emphasizes the perspective of the government administration and the issue of sustainable development.

TEM Project – new organisational structure







Project TEM organisational structure








TEM Project – the list of the strategic initiatives

STRATEGIC INITIATIVES	SDG'S
<p>Area A - Environment and its protection</p>	
<p>A.1. - Evaluation of efficiency of the applied solutions for the protection of the environment - the methodology / measurement standards.</p> <p>A.2. - Development of standards for road equipment in the context of environmental protection.</p>	 
<p>Area B - System of roads and highways - organization and financing</p>	
<p>B.1. - Functioning and financing of the national management of road infrastructure -solutions used in different countries.</p> <p>B.2. - Evaluation of the efficiency of toll collection system - evaluation methodology.</p> <p>B.3. - Conditions for creating an efficient PPP in the area of development and maintenance of roads.</p>	 

TEM Project – the list of the strategic initiatives

STRATEGIC INITIATIVES	SDG'S
<p>Area C - Management of a network of roads and highways</p>	
<p>C.1. - Maintenance standards of roads and highways.</p>	
<p>Area D - Information systems in the management of road infrastructure</p>	
<p>D.1. - Measurement, collection and management of data in the management of road infrastructure.</p>	
<p>D.2 - Development of a standard catalogue of public services and model architecture of information systems in the management of road infrastructure.</p>	
<p>Area E - Innovations</p>	
<p>E.1. - Use of alternative methods of energy production in the management of road infrastructure.</p>	
<p>E.2. - BIM Approach (Building Information Modelling) in the context of the needs of the government road administration.</p>	

TEM Project – timetable for 2016 - 2020

		2016	2017	2018	2019	2020
Organizational and consulting activities in connection with the implementation of the Strategy 2016-2020						
STRATEGIC INITIATIVES	Area A - Environment and its protection					
	A.1. - Evaluation of efficiency of the applied solutions for the protection of the environment - the methodology / measurement standards.					
	A.2. - Development of standards for road equipment in the context of environmental protection.					
	Area B - System of roads and highways - organization and financing					
	B.1. - Functioning and financing of the national management of road infrastructure -solutions used in different countries.					
	B.2. - Evaluation of the efficiency of toll collection system - evaluation methodology.					
	B.3. - Conditions for creating an efficient PPP in the area of development and maintenance of roads.					
	Area C - Management of a network of roads and highways					
	C.1. - Maintenance standards of roads and highways.					
	Area D - Information systems in the management of road infrastructure					
	D.1. - Measurement, collection and management of data in the management of road infrastructure.					
	D.2. - Development of a standard catalog of public services and model architecture of information systems in the management of road infrastructure.					
	Area E - Innovations					
	E.1. - Use of alternative methods of energy production in the management of road infrastructure.					
E.2. - BIM Approach (Building Information Modeling) in the context of the needs of the government road administration – analysis of the development of methodology and examples of implementation of the BIM approach in the government administration.						

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