TEM Project Development and Master Plan

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BACKGROUND

• The oldest regional transport infrastructure project in Europe
• Initiated by Poland and Hungary who asked the United Nations assistance in preparing, designing and constructing motorways
• Opening the Project Central Office in Warsaw, Poland in 1977
• At the beginning 10 countries participated in the TEM Project:
  Austria, Bulgaria, Czechoslovakia, Greece, Hungary, Italy, Poland, Romania, Turkey and Yugoslavia
• Its network total length was 10 400km
INITIAL TEM ITINERARY AND GOALS

Construction and management of modern system of motorways connecting Baltic, Adriatic, Aegean and Black Seas

United Nations Economic Commission For Europe - TEM Project
TEM PROJECT OBJECTIVES

• Assist countries in accelerating construction of TEM network

• Assist in maintaining, operating and managing TEM network

• Pay special attention to upgrading of existing roads

• Promote and improve co-operation on matters of road transport amongst TEM countries

• Disseminate knowledge, expertise and know-how to other regions of the world
FURTHER MILESTONES

• Political and economic changes in Europe lead to decision to expand the system by adding east – west connections in 1991

• Since 1992 independent and self – sustaining funding of the Project activities by participating countries only

• 14 TEM member countries in 2006: Armenia, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Georgia, Hungary, Italy, Lithuania, Poland, Romania, Slovakia, Slovenia and Turkey.

• Associated member: Austria

• Observers: Serbia, Sweden and Ukraine
MAIN ACHIEVEMENTS

- The TEM Network Identification
- TEM Standards and Recommended Practice
- Data collection and TEMSTAT Maps
- Dissemination of know-how and expertise
- Harmonization of signing, introduction of ITS, rich international cooperation with organizations dealing with road transport infrastructure
- TEM Master Plan: A realistic investment strategy for developing motorways and expressways network in 21 countries
TEM MASTER PLAN

• **A commonly agreed methodology**
  – Two scenarios of growth: moderate and optimistic
  – Demography, GDP growth, Trends in foreign trade
  – Forecast of transport demand up to 2020

• **319 motorway projects Evaluated and Prioritized**
  - Total value: € 49.5 billion
  - Of which € 15.1 billion is secured (31%)

• **Additional and Missing Links and TEM Extensions**

• **Identification of the TEM Backbone network and TEM Bottlenecks**

• **Inventory of border-crossing problems and recommendations for alleviating them**
# TEM MASTER PLAN (MP)
## 2007 FOLLOW-UP TIMETABLE

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- Countries to implement
- Monitoring implementation
- Revision scheduled for 2008
  - Add new projects
  - Complete data
  - Include other countries
  - Further study: funding aspects of priority projects
TEM PROJECT - NEXT STEPS

- Continue the work on the Master Plan
- Extend TEM Project further to East and South
- Continue addressing border crossing facilitation
- Further develop and update TEM database
- Strengthen cooperation with EC, HEEP and other international institutions
- Contribute to the development of Euro-Asian transport links
CONCLUSIONS

• TEM Project is an efficient cooperation mechanism for coordinated development of motorway network

• TEM has produced tangible results (studies, maps, standards)

• Implementation of TEM objectives requires long-term political commitment of governments involved and close cooperation and coordination among them

• International institutions and all countries from the region not members till now are invited to benefit from the TEM Project work
TRANS-EUROPEAN NORTH – SOUTH MOTORWAY (TEM) PROJECT

www.unece.org/trans/