



# TRANS-EUROPEAN NORTH – SOUTH MOTORWAY (TEM) PROJECT



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TEM Project Manager



# BRIEF HISTORY

- **TEM Project is the oldest regional transport infrastructure project in Europe**
- **Initiated by Governments of Poland and Hungary who asked the United Nations for assistance in preparation, design and construction of motorways**
- **TEM Project started in September 1977 by opening the Project Central Office in Warsaw, Poland**
- **At the beginning 10 countries participated in the TEM Project : Austria, Bulgaria, Czechoslovakia, Greece, Hungary, Italy, Poland, Romania, Turkey and Yugoslavia**
- **Its total length was 10 400km**



# BRIEF HISTORY

- Main aim of TEM Project was construction and management of modern system of motorways connecting Baltic, Adriatic, Aegean and Black Seas





# TEM PROJECT OBJECTIVES

- To assist participating countries in accelerating the construction of the TEM network
- To assist in maintaining, operating and managing the TEM network
- To pay special attention to the upgrading of existing roads
- To promote and improve co-operation in all matters concerning road transport between TEM countries
- To disseminate the TEM knowledge, expertise and know-how to other regions of the world



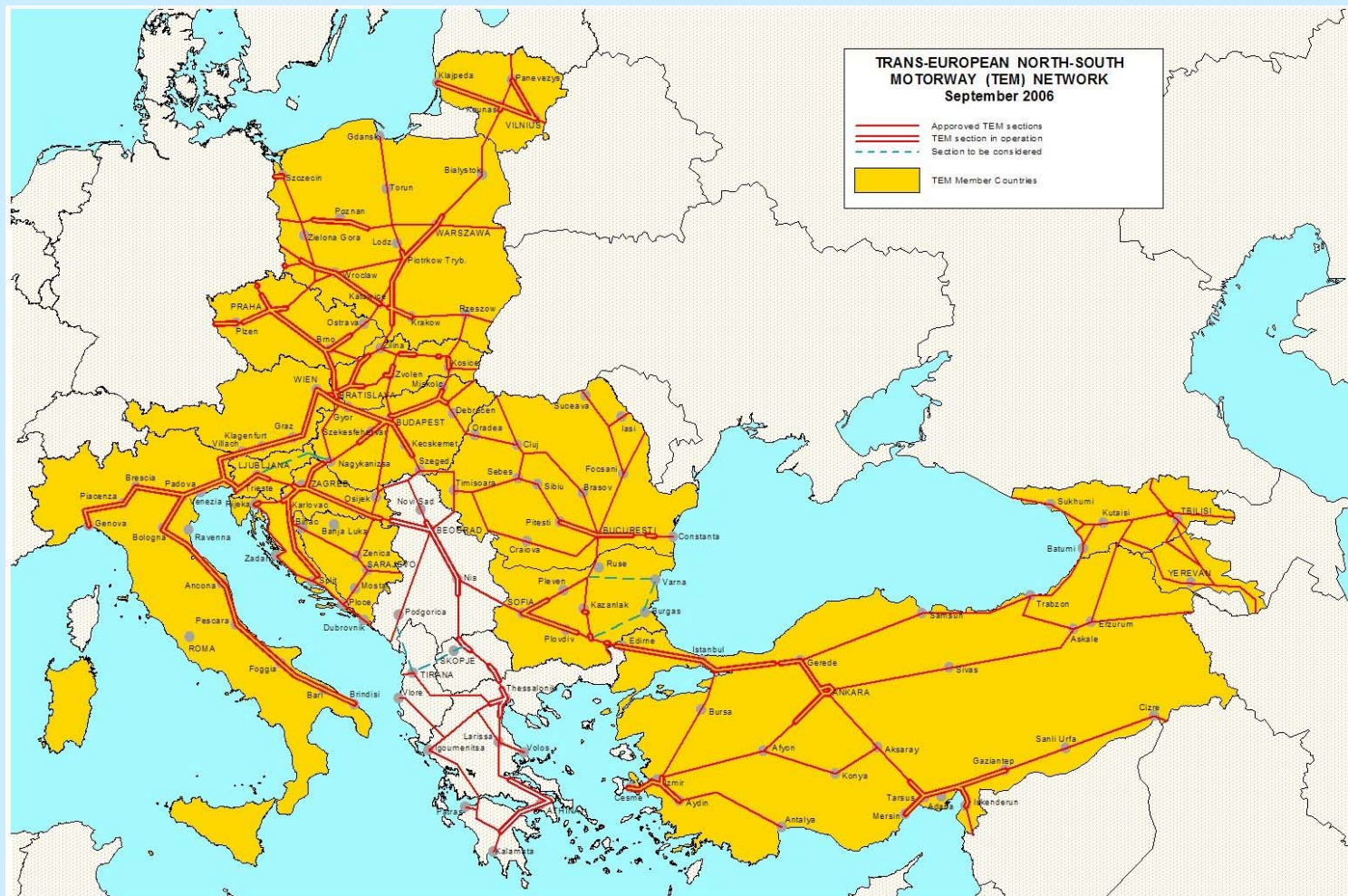
# FURTHER MILESTONES

- **Political and economic changes in Europe after 1989 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**





# PRESENT TEM STATUS





# 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**



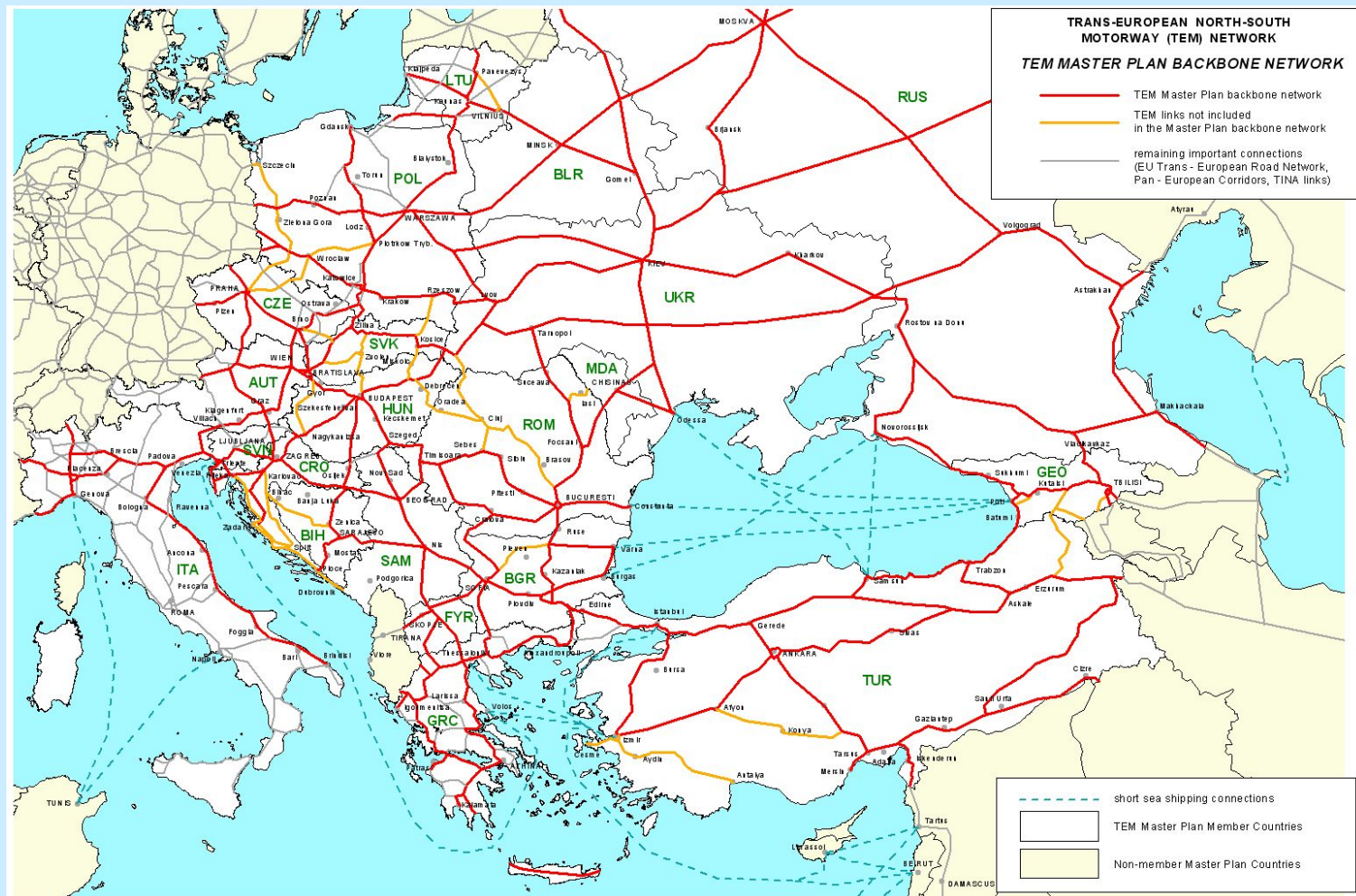
# TEM MASTER PLAN

- **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 Extentions**
- **Identification of the TEM Backbone network and TEM Bottlenecks**
- **Inventory of border-crossing problems and recommendations for alleviating them**





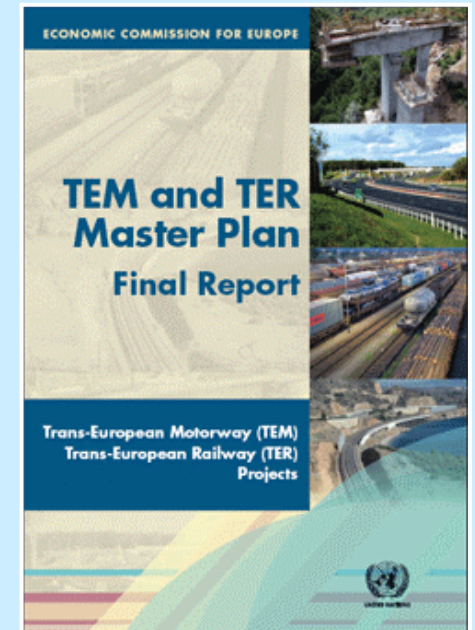
# TEM MASTER PLAN BACKBONE NETWORK





# MASTER PLAN FOLLOW UP

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





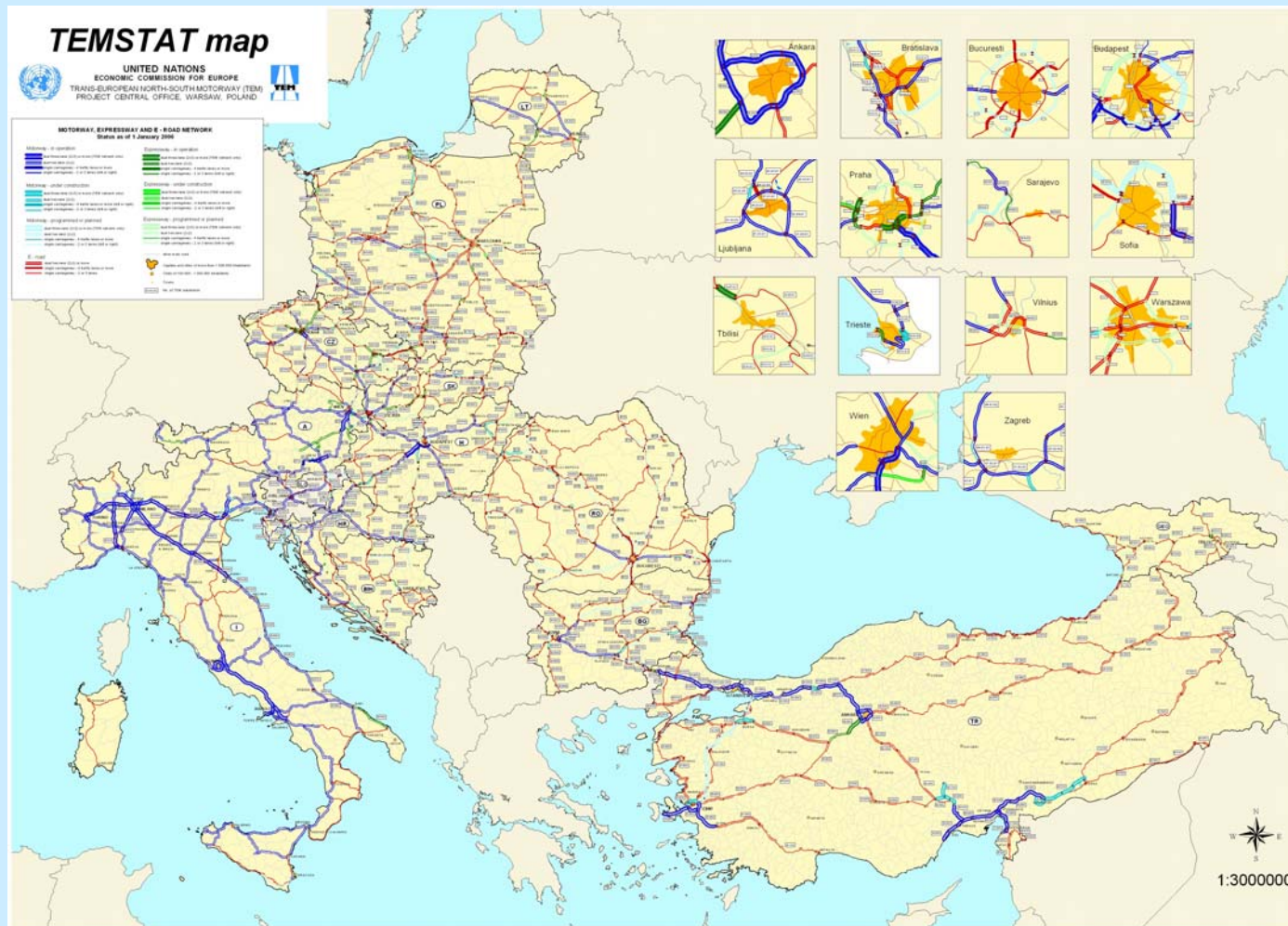
# TEM PROJECT - NEXT STEPS

- **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 and other international institutions**
- **Contribute to the development of Euro-Asian transport links**





# TEMSTAT MAP 2006





# 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 member till now are invited to benefit from the TEM Project work**





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[www.unece.org/trans/](http://www.unece.org/trans/)