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ROAD TRANSPORT INFRASTRUCTURE

Trans-European North-South Motorway Project

Progress Report by the Trans-European North-South Motorway Project Central Office

1. The Trans-European North-South Motorway (TEM) is an international motorway and expressway network connecting the Baltic, Adriatic, Aegean and Black Seas. Fifteen Central and South-Eastern European countries (Armenia, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Georgia, Hungary, Italy, Lithuania, Poland, Romania, Slovakia, Slovenia and Turkey) participate in the project; three countries – Sweden, Ukraine and Serbia – have an observer status.
2. The United Nations Economic Commission for Europe is the Executing Agency responsible for technical and administrative backstopping of the Project and the coordination of its activities. The Project has a Project Central Office (PCO) set up to coordinate all the activities carried out under the terms of the Programme of Work, located in Warsaw; the Polish Government covers office expenses.
3. The total planned length of the TEM network as of 1 January 2008 was 24,240 km, out of which 10,620 km (both carriageways) and 3,195 km (single carriageway) were in operation and 1,065 km under construction (Annex 1). The schematic map of TEM Network 2008 is attached to this report as Annex 2.

4. Taking into account the corresponding comparative indicators (last three columns of Annex 1), Turkey had the highest percentage of the TEM network length (28.6 per cent), Slovakia had the fastest construction pace (15.2 per cent of its national TEM network under construction) and Austria had the highest degree of completion of its TEM network (100.0 per cent). In total, 50.4 per cent of the whole TEM network was in operation and 4.6 per cent of its length was under construction.
5. The TEM Steering Committee held its last (forty-ninth) session on 9-11 June 2008 in Prague, the Czech Republic. The next (fiftieth) session of the Committee will be held in December this year in Geneva.
6. According to the financial report for 2007, approved by the forty-ninth session of the TEM Steering Committee, the total funds available in the year 2007 amounted to \$195,902 with total expenditures (including UNECE Programme support costs) representing \$117,771, resulting in total unencumbered positive balance as at 31 December 2007 amounting to \$78,131.
7. The TEM Programme of Work for 2008, based on the provisions of the Trust Fund Agreement and approved by the forty-eighth session of the TEM Steering Committee (3 - 5 December 2007, Geneva), foresees a continuation of the activities started under the project.
8. In the reporting period, the involvement of the TEM PCO in the monitoring of development of Pan-European Transport Corridors went on and was manifested inter alia by the presence of the TEM Project Manager in the meeting of the Corridors and Areas Co-ordinators Group on 24 October 2007 in Brussels as well as in the Steering Committee of Corridor VI, on behalf of its Secretariat, held in Ostrava, Czech Republic on 19 November 2007.
9. Moreover, the TEM Project Manager participated in the local inspection of the road part of the Pan-European Transport Corridor VI – section between Olomouc (CZ) and Bielsko Biala (PL) on 5 September 2008.
10. The TEMSTAT database and mapping activity has been successfully developed in the course of the whole reporting period. On 8 - 9 April 2008, the TEMSTAT Data Collection and Mapping Meeting was held in Sarajevo, Bosnia and Herzegovina, in which the experts of 11 TEM member countries took part. In the meeting, the TEM Status data and TEMSTAT 1 and 2 data for 2008 were transferred to the TEM PCO to be used for elaboration of the TEM Status report, country and regional maps as well as for elaboration of the follow-up activities of the TEM Master Plan.
11. The TEMSTAT database represents the basic input to the TEM ArcView mapping programme, consisting of infrastructure status regional and country maps, traffic flows maps and TEM Master Plan maps presenting the envisaged network development until the year 2020.
12. In November 1993, with financial and technical support from the United States federal Highway Administration (FHWA) and Highway Engineering Exchange Program (HEEP), the TEM/HEEP Area V (Central Eastern Europe) was inaugurated as the first one in Europe. HEEP is a non-profit association in charge of promoting free exchange of computer programmes, systems and concepts between its members in the fields of civil engineering, transportation and management with the aim of increasing the effectiveness of computer usage. The establishment

of the HEEP Area V provided TEM participating countries and their software experts with free access to the latest developments in highway electronic engineering.

13. The TEM/HEEP Area V 2008 Annual Meeting was held in Cluj-Napoca, Romania on 12-14 May 2008. In the framework of the HEEP Educator and Student Participation Programme, two students from the Technical University of Bucharest, Romania, were granted scholarship to present a report on their research achievements at the 2008 HEEP Annual International Conference to be held in Albuquerque, New Mexico, USA in September 2008.

14. In the reporting period, the Project Manager participated in the Seventieth session of the UNECE Inland Transport Committee held on 19 - 21 February 2008 and in the WP. 5 sessions on Transport Trends and Economics on 8 - 10 September 2008 in Geneva.

15. On invitation of the UNECE, the Project Manager took part in the National workshops "Enhancing National Capacity for Facilitation of Interregional Transport along the Euro-Asian Transport Links" held on 6 - 7 November 2007 in Chisinau, Moldova, and on 17 - 18 December 2007 in Kiev, Ukraine, introducing there the achievements of the TEM Project, the TEM Master Plan results and its follow-up activities.

16. The TEM meeting on Master Plan monitoring results in 2007 and preparation of its Revision in 2008 was held in Bratislava, Slovakia on 20 November 2007, in which representatives of eight TEM member countries took part.

17. On invitation of AT Osborne from Netherlands, managing the NETLIPSE Project (Network for the Dissemination of Knowledge on the Management and Organisation of Large Infrastructure Projects in Europe), Project Manager as a Peer Panel member took part in the NETLIPSE Network meeting held in Torino, Italy on 17 - 18 April 2008.

18. Based on a very good cooperation with Partners for Roads from the Netherlands, the TEM Project Manager was invited to attend the 5th Conference on Roads and Regional Development. The Conference was held in Kuressaare, Estonia on 26-30 May 2008.

19. In the framework of the TEM Programme of Work for 2008, the Project Manager participated in the 1st TEM&TER Master Plan Revision Coordination Group meeting held in Prague on 21 April 2008.

20. The TEM PCO continued in the implementation of the TEM Master Plan (elaborated in 2005). The Revision of this Master Plan based on the most recent data and covering four more countries (Albania, Armenia, Azerbaijan and Montenegro) will be elaborated in the period Autumn 2008-Autumn 2009. Its Terms of Reference, prepared jointly by the UNECE Transport Division and the TEM and TER PCOs, were approved by the 49th session of the TEM Steering Committee held in Prague on 9-11 June 2008.

21. In the reporting period, collaboration with the TER Project Central Office in Bratislava, Slovak Republic, continued. The collaboration concentrated mostly on the administration of both Projects, on the possibilities of cooperation with the European Commission in activities having the multimodal scope and on the coordination and finalization of all matters concerning the elaboration of the TEM and TER Master Plans and their Revision in the years 2008 - 2009.

22. Further information regarding the TEM Master Plan and its planned Revision can be found on the UNECE website: www.unece.org/trans.

Annex 1**STATUS OF TEM NETWORK (as of 1.01.2008)**

| COUNTRY | Total length | PROGRAMMED (in study, preliminary design and design phases) | | UNDER CONSTRUCTION | | IN OPERATION | | COMPARATIVE INDICATORS | | |
|---------------------------|--------------|----------------------------------------------------------------------|----------------------|--------------------|----------------------|--------------------|----------------------|--------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|
| | km | one carriageway | both carriageways | one carriageway | both carriageways | one carriageway | both carriageways | % of total TEM length | CONSTRUCTION PROGRESS (% of length under construction) | DEGREE OF COMPLETION (% of length in operation) |
| Column No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| AUSTRIA | 485 | - | - | - | - | - | 485 | 2.0 | - | 100.0 |
| BOSNIA and HERZEGOVINA | 792 | 455 | 337 | - | 14 | - | 28 | 3.3 | 1.8 | 3.5 |
| BULGARIA | 1120 | - | 221 | 19 | - | 19 | 282 | 4.6 | 0.9 | 26.1 |
| CROATIA | 1465 | 31 | 508 | 6 | 161 | 88 | 742 | 6.0 | 11.2 | 53.7 |
| CZECH REPUBLIC | 987 | - | 241 | - | 99 | - | 647 | 4.1 | 10.0 | 65.6 |
| GEORGIA | 1053 | - | 1045 | - | - | - | 8 | 4.3 | - | 0.8 |
| HUNGARY | 1658 | 100 | 444 | - | 124 | 82 | 861 | 6.8 | 7.5 | 54.4 |
| ITALY | 1519 | - | - | - | 4 | - | 1515 | 6.3 | 0.3 | 99.7 |
| LITHUANIA | 719 | 20 | 83 | 29 | 14 | 254 | 466 | 3.0 | 4.0 | 82.5 |
| POLAND | 3317 | 403 | 1914 | 51 | 96 | 92 | 763 | 13.7 | 3.7 | 24.4 |
| ROMANIA | 3064 | - | 2614 | - | 187 | - | 263 | 12.6 | 6.1 | 8.6 |
| SLOVAKIA | 933 | - | 387 | 14 | 135 | 542 | 390 | 3.9 | 15.2 | 70.8 |
| SLOVENIA | 191 | - | 13 | - | 8 | 21 | 170 | 0.8 | 4.2 | 94.8 |
| TURKEY | 6937 | - | 677 | - | 163 | 2097 | 4000 | 28.6 | 2.4 | 72.8 |
| TOTAL | 24240 | 1009 | 8484 | 119 | 1005 | 3195 | 10620 | 100.00 | 4.6 | 50.4 |

Note: Armenian data not included

Annex 2

