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Ministerial Conference on Transport

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**REVIEW OF THE IMPLEMENTATION OF THE REGIONAL ACTION PROGRAMME
FOR PHASE II (2002-2006) OF THE NEW DELHI ACTION PLAN ON
INFRASTRUCTURE DEVELOPMENT IN ASIA AND THE PACIFIC**

(Item 4 of the provisional agenda)

Note by the secretariat

This information paper is issued to substantiate discussions on document E/ESCAP/MTC/SGO/1 entitled "Review of the implementation of the regional action programme for phase II (2002-2006) of the New Delhi Action Plan on Infrastructure Development in Asia and the Pacific", to be considered under item 4 of the provisional agenda. It provides information on the work undertaken by the UNESCAP secretariat during phase II.

* This information paper has been issued without formal editing.

SUMMARY OF ACTIVITIES IMPLEMENTED BY
THE UNESCAP SECRETARIAT UNDER THE REGIONAL ACTION PROGRAMME FOR PHASE II (2002-2006)
OF THE NEW DELHI ACTION PLAN ON INFRASTRUCTURE DEVELOPMENT IN ASIA AND THE PACIFIC

January 2002-October 2006

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
1. INFRASTRUCTURE PLANNING AND POLICY		
To improve regional transport infrastructure planning and policy formulation		
1.1 ALTID project: Formalization of the Asian Highway		
To formalize the development of the Asian Highway network through the coordinated planning of national road infrastructure with regard to regional transport needs		
<p>1. A formulated agreement on the Asian Highway comprising (a) the regional highway network, (b) the technical standards and (c) a review mechanism for regular updating of the regional network</p>	<p>Formulation and entry into force of the Intergovernmental Agreement on the Asian Highway Network, on 4 July 2005), involving the implementation of the following activities: (1) organized: (a) Expert Group Meeting on Development of Asian Highway Network (Bangkok, 8-10 May 2002; report is available at http://unescap.org/ttdw/common/tis/AH/wgmdahreport-nov02.pdf); (b) Working Group Meeting for Drafting Intergovernmental Agreement on Asian Highway Network (Bangkok, 11-12 November 2002); (c) Subregional Seminars on Intergovernmental Agreement on Asian Highway Network for: (i) Southeast Asia (Singapore, 3 March 2003), (ii) Central Asia and Caucasus (Baku, 26-27 March 2003), (iii) North-East Asia (Ulaanbaatar, 21-22 August 2003), (iv) South Asia (New Delhi, 16-17 October 2003); (d) Intergovernmental Meeting for Developing Intergovernmental Agreement on Asian Highway Network (Bangkok, 17-18 November 2003); and (v) signing ceremony during the 60th session of the Commission (Shanghai, 26 April 2004) . The Agreement is deposited with the Secretary-General of the United Nations. To date, 28 countries have signed the Agreement, out of which 20 are Parties to the Agreement. The text of the Agreement is available at http://unescap.org/ttdw/common/tis/ah/egm_may06.asp.</p> <p>Joint ESCAP/UNDP Tumen Secretariat study on identification of priority road network and investment needs in North-East Asia for development of the Tumen River Area: convened Policy-level Expert Group Meeting on Identification of Priority Road Network and Investment Needs for North-East Asia for Development of Tumen River Area (Ulaanbaatar, 29-31 October 2002).</p> <p>Project on Identifying Investment Needs and Development Priorities for the Asian Highway Network and Related Intermodal Connections and Freight Terminals: (1) prepared subregional overviews of investment needs and development priorities for the Asian Highway network and intermodal connections in: (a) South Asia, (b) North, Central and South-West Asia; (c) South-East Asia, and distributed at the expert group meetings ; (2) organized Expert Group Meetings: (i) Islamabad, 21-23 September 2004 (report is available at http://unescap.org/ttdw/PubsDetail.asp?IDNO=164); (ii) Tehran, 25-27 January 2005 (report is available at http://unescap.org/ttdw/common/TIS/AH/EGMJan05Tehran.asp); (iii) Bangkok, 25-26 April 2005 (report is available at</p>	<p>Further accession to and ratification of the Intergovernmental Agreement on the Asian Highway Network.</p>

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	<p>http://unescap.org/ttdw/Publications/TIS_pubs/Report/EGM_ASEAN_Apr05.pdf); (c) prepared project profiles of priority projects along the Asian Highway in member countries (for further details, please see http://unescap.org/ttdw/common/tis/ah/priority_investment.asp#profiles); (d) finalized publication entitled Priority Investment Needs for Development of the Asian Highway Network.</p> <p>Project on Promotion and Development of the Asian Highway Network: Capacity-Building for Implementation of the Intergovernmental Agreement: (1) organized: (a) Working Group on the Asian Highway, First Meeting, (Bangkok, 14-15 December 2005; report available at http://unescap.org/ttdw/common/tis/ah/ah_working_group_dec05.asp); (b) Expert Group Meeting on the Development of the Asian Highway Network: Regional Experiences and Lessons in Financing Highway Infrastructure and Improving Road Safety (Bangkok, 8-10 May 2006; report available at http://unescap.org/ttdw/common/tis/ah/egm_may06.asp); (2) fielded mission to Kyrgyzstan and Kazakhstan (Bishkek and Almaty, 15-23 January 2005), Uzbekistan (Tashkent, 5-8 March 2006), Tajikistan (Dushanbe, 8-11 March 2006).</p> <p>Project on Promotion and Development of the Asian Highway: Upgrading of the Asian Highway Priority Routes: requested nomination of national experts to assist in project implementation and data collection.</p>	<p>Project on Promotion and Development of the Asian Highway: Upgrading of the Asian Highway Priority Routes: projected activities include: (a) preliminary prefeasibility studies of selected section of the Asian Highway network including a regional training seminar/workshop to discuss the initial outcome of the study, and (b) organization of a regional investment forum.</p>
2. Road maps, reports and an updated database promoting Asian Highway development	<p>Published <i>Asian Highway Handbook</i> (ST/ESCAP/2303; http://unescap.org/ttdw/PubsDetail.asp?IDNO=17); and <i>Asian Highway Route Map</i> (http://unescap.org/ttdw/common/TIS/AH/maps/AHMapApr04.gif)</p> <p>Updating of the <i>Asian Highway Database</i> completed, with the total length of the AH network having reached 141,200 km in 32 countries <http://unescap.org/ttdw/common/tis/ah/member%20countries.asp></p> <p>Development of Transport GIS and CD version.</p>	<p>Updating of the Asian Highway Route Map and Asian Highway Database.</p> <p>The task of developing the Asian Highway network is a ongoing activity that will continue in collaboration with member countries and development partners.</p>

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
1.2 ALTID project: Formulation and formalization of the Trans-Asian Railway		
To promote the regional railway network for efficient movement of goods and people		
1. A network for the Trans-Asian Railway incorporating route configuration and technical characteristics for regional and interregional rail transport	Published <i>Trans-Asian Railway Network</i> (draft revised map) < http://unescap.org/ttdw/common/TIS/TAR/images/tarmap_latest.jpg >	Updating of the Trans-Asian Railway Network (draft revised map). The task of developing the Trans-Asian Highway network is a ongoing activity that will continue in collaboration with member countries and development partners.
2. Cooperation arrangements among railway organizations on Trans-Asian Railway routes and operationalization of rail transport services	Project on Development of an Intergovernmental Agreement on Trans-Asian Railway Network: a draft intergovernmental agreement was finalized by the Intergovernmental Meeting to Develop the Intergovernmental Agreement on the Trans-Asian Railway Network (Bangkok, 28-30 November 2005; report is available at http://unescap.org/ttdw/common/TIS/TAR/tarn_rep_e.pdf) and adopted at the 62nd Commission (Jakarta, 6-12 April 2006), and would be opened for signature during the ministerial segment of the Ministerial Conference on Transport (Busan, Republic of Korea, 10-11 November 2006). In addition, the following meetings were organized: (1) Regional Meeting to Draft an Intergovernmental Agreement on the Trans-Asian Railway Network (Bangkok, 22-23 November 2004; report is available at http://unescap.org/ttdw/common/TIS/TAR/report_full_23Nov04.pdf); (2) Expert Group Meeting on Trans-Asian Railway Development in South Asia (New Delhi, 18-19 April 2005; report is available at http://unescap.org/ttdw/common/TIS/TAR/tar_egm_delhi_full_may05.pdf); and (3) Expert Group Meeting on the Development of the Intergovernmental Agreement on the Trans-Asian Railway Network (Moscow, 27-28 September 2005; report is available at http://unescap.org/ttdw/common/TIS/TAR/EGM_report_moscow_Sep05.pdf).	Accession to and ratification of the Intergovernmental Agreement on the Trans-Asian Highway Network. Further demonstration runs of container block trains

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	<p>UNESCAP/OSJD Project on Operationalization of Euro-Asian Rail Routes with Particular Reference of Landlocked Countries in Asia and Caucasus: (a) fielded mission to Warsaw (11-14 October 2004), Moscow (22-26 May 2006), and Belarus (21-25 August 2006), the implementation of phase I would be submitted to a meeting of the OSJD Commission on Freight Transport, to be held in Warsaw (24-27 October 2006); and (b) plotting and analysis of time and cost diagrams of container block train operations on international railway routes.</p> <p>Project Development of Rail Container Transport through Block Trains: Trans-Asian Railway Northern Corridor: Planning and Implementation of Demonstration Runs of Container Block Trains: In pursuance of the MOU signed at the Ministerial Conference on Infrastructure (Seoul, November 2001), the following activities were undertaken; (1) organized the following meetings of the Steering Committee formed under the MOU: (a) first meeting (Vladivostok, 3-5 June 2002), (b) second meeting (Ulaanbaatar, 6-8 October 2003), (c) third meeting (Moscow, 29-30 September 2005); and (d) fourth meeting (Astana, 19-20 September 2006). At the fourth meeting, and as a prelude to the establishment of a mechanism to monitor the quality of container block-train services through the regular monitoring of operation of specific container block-trains along designated routes, the Meeting agreed to re-run three demonstration runs organized during the period November 2003-June 2004, namely: (1) from Tianjin (China) to Ulaanbaatar (Mongolia), (2) from Lianyungang (China) to Almaty (Kazakhstan), and (3) from Brest (Belarus) to Ulaanbaatar (Mongolia). In addition, the Meeting agreed on the implementation of new demonstration runs of container block-trains along the following routes: (1) from Vostochny (Russian Federation) to Almaty (Kazakhstan), (2) from an origin in Kazakhstan to the Baltic Sea port of Klaipeda (Lithuania), and (3) from the port of Busan (Republic of Korea) to Martsevo (Russian Federation). Fuller details on the meetings are available at http://unescap.org/ttdw/common/TIS/TAR/operationalization.asp#demo; (2) organized four demonstration runs as follows: from the port of Tianjin (China) to Ulaanbaatar (Mongolia) in November 2003; from the port of Lianyungang (China) to Almaty (Kazakhstan) in April 2004; from Brest (Belarus) to Ulaanbaatar (Mongolia) in June 2004; and from Nakhodka (Russian Federation) to Malacewicz (Poland) in July 2004; (3) initiatives taken to promote the creation of a compendium of existing international container block-train services for distribution to freight forwarders and logistics providers.</p> <p>Delivered a number of lectures at: (1) Third Training Course for Railway managers of BIMST-EC and Mekong-Ganga Cooperation Countries: Trans-Asian Railway Network in Member Countries</p>	

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	(organized by Railway Staff College, Indian Railways, and Asian Institute of Transport Development, Vadodara, Gujarat, India, 20 March-3 April 2006); (2) Fourth Training Course for Railway managers of South and South-East Asian Countries: Trans-Asian Railway Network in Member Countries (organized by Railway Staff College, Indian Railways, and Asian Institute of Transport Development, Vadodara, Gujarat, India, 31 July-12 August 2006).	
1.3 Integrated transport network and intermodal linkages		
To promote the development of intermodal transport systems at the national, subregional and regional levels to increase efficiency and reduce transport costs		
1. A conceptual plan formulated for an integrated regional transport network for Asia covering all transport modes.	<p>Published <i>Toward an Asian Integrated Transport Network, Monograph Series on Managing Globalization, No. 1</i> (ST/ESCAP/2399; http://unesap.org/ttdw/PubsDetail.asp?IDNO=182)</p> <p>Prepared a paper entitled “Infrastructure Networks to Extend Regional Production Networks to Inland Sites in Asia” in Asian Development Bank, “Asian Economic Cooperation and Integration: Progress, Prospects and Challenges”, Manila 2005, ISBN 971-561-549-X.</p> <p>United Nations Development Account Project “Capacity-building for Developing Interregional Land and Land-cum-Sea Transport Linkages”: <u>UNECE-UNESCAP Joint Project on Developing Euro-Asian Transport Linkages 2002-2006:</u> (a) prepared UNECE/UNESCAP in-house study (fuller details available at http://www.unece.org/trans/main/eatl/TOR.pdf); (b) organized the following Expert Group Meetings on Developing Euro-Asian Transport Linkages: (i) first meeting (Almaty, 9-11 March 2004; report is available at http://www.unece.org/trans/main/eatl/1stEGmeeting.html); (ii) second meeting (Odessa, 3-5 November 2004; report is available at http://www.unece.org/trans/main/eatl/2ndEGmeeting.html); and (iii) third meeting (Istanbul, 27-29 June 2005; report is available at http://www.unece.org/trans/main/eatl/3rdEGmeeting.html).</p> <p>(2) <u>UNESCAP – UNECE – UNESCAP Interregional Transport Linkages component project:</u> (a) organized UN Development Account Capacity Building Project on Interregional Transport Linkages (2003-2006) Expert Group Meeting on the ESCWA-ECE-ESCAP Project Component (Amman, 30 May-4 June 2005); (b) formulated interregional transport linkages between ESCWA region and the Islamic Republic of Iran, Pakistan and Turkey.</p> <p>Project on Development of an Integrated Shipping and Port System in the Northeast Asia Subregion: (1) Organized Subregional Policy-level Workshop on the Development of an Integrated Shipping and Port System in North-East Asia (Tianjin, China, 10-11 October 2002); (2) Publication of <i>Development of Shipping and Ports in North-East Asia</i> (ST/ESCAP/2354; http://unesap.org/ttdw/PubsDetail.asp?IDNO=175).</p>	<p>United Nations Development Account Project “Capacity-building for Developing Interregional Land and Land-cum-Sea Transport Linkages”: <u>UNECE-UNESCAP Euro-Asian Land Bridges component project:</u> Fourth and final expert group meeting on developing Euro-Asian Transport Linkages, tentatively planned for 21-24 November 2006 (Thessaloniki, Greece).</p> <p>Project on the role of the Asian Highway and Trans-Asian Railway: Intermodal Interfaces as Focus for Development: projected activities include: (1) analysis of economic benefits of intermodal interfaces such as ICDs and border-crossing facilities, (2) preparation of a study, including policy recommendations, (3) organization of a regional meeting to enhance awareness of the need to promote intermodal interfaces and workshops to enhance capacity to follow up on the recommendations at a corridor level.</p>

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	<p>Project on Integrated International Transport and Logistics System for North-East Asia (Phases I and II):</p> <p>Phase I: published <i>Improvement of Transport and Logistics Facilities to Expand Port Hinterland: Policy Guidelines</i> (ST/ESCAP/2299; http://unescap.org/ttdw/PubsDetail.asp?IDNO=135).</p> <p>Phase II: (1) prepared (a) <i>Study on Integrated International Transport and Logistics System for North-East Asia</i>; (2) developed: (a) subregional integrated transport and logistics network; and (b) strategy and action plans for the development of the integrated international transport and logistics system for North-East Asia, which were discussed and adopted at the Subregional Expert Group Meeting-cum-Study Tour on Integrated International Transport and Logistics System for North-East Asia (Ulaanbaatar, 6-10 September 2004); and promoted through National Workshops on Integrated International Transport and Logistics System for North-East Asia: (i) Busan (5 December 2003); (ii) Ulaanbaatar (11-12 April 2005, (iii) Moscow/Vladivostok (18-23 July 2005), (iv) Beijing (10-11 August 2005).</p> <p>The proposed transport and logistics system for North-East Asia includes policy initiatives to promote subregional cooperation for reducing the cost and time at border crossings based on an in-depth analysis undertaken under phase II.</p>	
<p>2. Recommendations for the development of intermodal transport facilities at the country, subregional and regional levels.</p>	<p>Prepared <i>Map on Integrated Transport Network</i>, illustrating both the Asian Highway and the Trans-Asian Railway and major ports/inland waterways.</p> <p>Published <i>Manual on Modernization of Inland Water Transport for Integration within a Multimodal Transport System</i> (ST/ESCAP/2285; http://unescap.org/ttdw/PubsDetail.asp?IDNO=144).</p> <p>Organized: (a) Subregional Seminar on Integration of IWT infrastructure within intermodal transport network (Phnom Penh, 3-4 November 2003); and (b) a session on integration of inland water transport within an intermodal transport system during the World Water Forum (Tokyo, 17-18 March 2003).</p> <p>Participated in: (1) Workshop on Smooth and Economic Transportation of Foreign Trade Cargo of Bangladesh under Multimodal Transport System (Dhaka, 9-11 January 2005); (2) UNDP/KMI Workshop on Establishment of an Intermodal Transport System in Tumen Region (Yangi, China,</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p>16-21 May 2005).</p> <p>Project on Regional Intermodal Transport Planning (Phases I and II): (1) engaged national experts to collect information and prepare country reports; (2) fielded missions to Kyrgyzstan (15-18 November 2005) and Uzbekistan (18-21 November 2005), to collect necessary information to, inter alia, evaluate the potential of container traffic in the countries; (3) developed Integrated Transport Planning Model (ITPM) and establishment of ITPM database; (4) prepared country reports; (5) prepared regional transport strategy planning for dissemination to participating countries.</p>	
1.4 Transport policy analysis		
1.4.1 To assist countries in identifying issues and formulating policy responses in the transport sector		
<p>1. Biennial publication <i>Review of Developments in Transport and Communications in the ESCAP Region</i> and regional transport policy studies</p>	<p>Published: (1) <i>Review of Developments in Transport in the ESCAP Region 2003: Asia and the Pacific</i> (ST/ESCAP/2307; http://www.unescap.org/ttd/Review2003-Final%20document.doc); (2) <i>Review of Developments in Transport in Asia and the Pacific 2005</i> (ST/ESCAP/2392; http://unescap.org/ttdw/PubsDetail.asp?IDNO=178)</p>	<p>Preparation of the Review of Developments in Transport in Asia and the Pacific 2007.</p>
<p>2. Regional shipping and seaport studies and forecasts to provide a regional context for national planning processes utilizing the ESCAP Maritime Policy Planning Model</p>	<p>Upgraded the ESCAP Maritime Policy Planning Model (MPPM) in cooperation with the Korea Maritime Institute (KMI).</p> <p>Developed MARINET Information Network http://www.unescap.org/ttdw/index.asp?MenuName=Marinet</p> <p>Published: (a) <i>Study on Prospects for Shipping and Port Development in South Asia</i> (ST/ESCAP/2268); (b) <i>Development of Shipping and Ports in North-East Asia</i> (ST/ESCAP/2354; http://unescap.org/ttdw/PubsDetail.asp?IDNO=175); (c) <i>Regional Shipping and Port Development Strategies: Container Traffic Forecast, Monograph Series on Managing Globalization</i> (ST/ESCAP/2398; http://unescap.org/ttdw/PubsDetail.asp?IDNO=183).</p> <p>Provided advisory services on simplifying port tariff and payment structure to Brunei Darussalam (3-5 May 2004).</p>	<p>2. Regional shipping and seaport studies and forecasts to provide a regional context for national planning processes utilizing the ESCAP Maritime Policy Planning Model</p>

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p>Organized Seminars on Container Traffic Forecast (Bangkok, 29 November 2004 and Busan, 8 June 2005).</p> <p>Development of Integrated Transport Planning Model (ITPM) and establishment of ITPM database, with a view to also encompassing land transport (see 1.3.2 above).</p>	
1.4.2 To promote an integrated approach to economic, financial, environmental and social sustainability in planning and policy development with regard to transport facilities and services		
<p>1. Reports, analytical studies and policy advice on sustainable transport development issues (e.g. strategic approaches to transport planning, transport pricing and charges for sustainable development, and economic and commercial regulation of transport)</p>	<p>Organized National workshops on Aids to Navigation (Kunming, China, 15-16 August 2002; Bangkok, 19-20 August 2002; Vientiane, 22-23 August 2002; Phnom Penh, 12-13 December 2002), to strengthen institutional capacity at the national level in the implementation of the ESCAP/MRC-recommended aids-to-navigation system for the Greater Mekong Subregion which was adopted by expert group meetings held at Bangkok and Phnom Penh in October 2001 and January 2002.</p> <p>Published: (1) <i>Policy Guidelines for Road Transport Pricing: A Practical Step-by-Step Approach</i> (ST/ESCAP/2216; a copy is available at http://unescap.org/ttdw/PubsDetail.asp?IDNO=80); (2) <i>A Guide to the Application of Public Participation in Planning and Policy Formulation Towards Sustainable Transport Development</i> (ST/ESCAP/2308; a copy is available at http://unescap.org/ttdw/PubsDetail.asp?IDNO=134); (c) <i>Recommended Aids to Navigation Systems on the Greater Mekong River</i> (a copy is available at http://unescap.org/ttdw/PubsDetail.asp?IDNO=89)</p>	
<p>2. Capacity-building through seminars, workshops and training activities.</p>	<p>Organized: (1) Workshop on the Formulation of Sustainable Urban Transport Project (Bangkok, 27 June 2003); (2) ESCAP/GTZ Seminar on Building a New City: Sustainable Transport in Bangkok (Bangkok, 30 January 2004); (3) UNESCAP/UITP/GTZ Workshop on "Getting around cities: Sustainable Transport, Air Quality and Integration" (Bangkok, 25-26 October 2005); (4) Seminar on Bus Rapid Transit and Voluntary Travel Behaviour (Bangkok, 15 December 2003); (5) UNESCAP/AUSHS-HIS India Workshop on Transport Development in Bangkok (Bangkok, 15 March 2006).</p> <p>Provided advisory services on: (a) port strategic planning to Brunei Darussalam (Bandar Seri Begawan, 16-28 September 2003); (b) technological development of inland water transport infrastructure to Myanmar (11-15 March 2003).</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
1.5 Liberalization and WTO		
To create awareness of the implications of the WTO/GATS negotiations on maritime transport services for countries that are members of WTO and for countries that are non-members		
1. A review of the current level of liberalization of transport services and potential niche markets for developing countries in the region	Organized Seminar on Liberalization of Maritime Services under WTO/GATS (Bangkok, 11 to 13 February 2002), and proceedings published (ST/ESCAP/2217; http://unescap.org/ttdw/PubsDetail.asp?IDNO=155).	
2. Exchange of views and best practices among ESCAP member countries at the subregional and regional levels designed to assist countries in reviewing negotiating positions	Organized Subregional Seminar and National Workshop on Liberalization of Maritime Transport Services under WTO GATS (Mumbai, India, 24-26 March 2003). Disseminated resource materials with respect to WTO negotiations on trade and services (maritime transport) provided through country reports presented at the Seminar (for further details, please see http://www.unescap.org/tctd/wtogats2002.htm).	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. ADMINISTRATION, MANAGEMENT AND FINANCE		
To encourage countries to engage in modern strategic decision-making within a sound regulatory and administrative framework		
2.1 Revitalization of railways		
To promote increased responsiveness of railway organizations to the changing demands of the transport market		
1. Evaluation and information planning concerning best practices to enhance rail transport services, including the separation of different businesses financially and managerially	Published <i>The Restructuring of Railways</i> (ST/ESCAP/2313; http://unescap.org/ttdw/PubsDetail.asp?IDNO=140)	
2. Guidelines for commercialization of railway organizations facilitated through policy advice, case studies and subregional and country-level training activities	Specific activities implemented under 1.2.2, namely, Project on Development of Rail Container Transport through Block Trains: Trans-Asian Railway Northern Corridor: Planning and Implementation of Demonstration Runs of Container Block Trains. Provided advisory services on railway marketing to Viet Nam Railways (Hanoi, 17 October 2003).	
2.2 Road maintenance and administration		
To improve the planning capacities of national road administrations		
1. Capacity-building for road management facilitated through policy advice and subregional and country-level training activities	Published <i>Transport and Communications Bulletin for Asia and the Pacific, No. 75, Road Funds for Sustainable Financing and Maintenance of Roads</i> (ST/ESCAP/SER.E/75; http://unescap.org/ttdw/PubsDetail.asp?IDNO=181). Technical assistance to the Democratic People's Republic of Korea Officials in Key Development Issues: Subprogramme 5, Transport and Tourism: organized National Training Workshop on Construction and Maintenance of Roads and Bridges (Pyongyang, 24-27 July 2006).	

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2. Network of professionals and institutes related to road management.	Working Group on the Asian Highway has been established under the Intergovernmental Agreement on the Asian Highway, with the first meeting convened (Bangkok, 14-15 December 2005; see 1.1 above).	
2.3 Improving transport productivity		
To enhance transport efficiency and productivity		
1. Application of information and communication technologies (ICT) to enhance transport productivity, particularly through networking of regional transport organizations and service providers to exchange data, information and software.	<p>Provided advisory services to the Government of Maldives on the liberalization of Internet services study, and collected facts on degree of transparency and fairness of evaluation and selection of bidders, including discussions on licensing (Male, 15-17 April 2002).</p> <p>Organized Workshop on Information and Communication Technology (ICT) Applications in the Maritime and Intermodal Freight Transport: the Asian and European Experiences and Cooperation Prospects (Bangkok, 2 December 2004).</p> <p>Attended Developing Intermodal Freight Transport through ICT: The European and Asian Experience (Bangkok, 27 October 2005).</p>	
2. Evaluation of transport performance indicators and comparative analysis of transport productivity in the region	<p>Published <i>Statistical Abstract on Transport in Asia and the Pacific</i> (http://unescap.org/ttdw/PubsDetail.asp?IDNO=99)</p> <p><i>Statistical Abstract of Transport in Asia and the Pacific, 2005: Country data tables in htm format automatically updated from the database</i> (http://www.unescap.org/ttdw/statabs/index2.asp) .</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2.4 Participatory planning and policy formulation		
To promote participatory approaches in planning and policy formulation in the transport sector		
1. Studies on the implications of participatory planning and decentralization of decision-making; guidelines, seminars and workshops; and advisory services.	Translation from English into Thai of the 12 action plans contained in <i>Traffic and Transportation for Sustainable Environment, Mobility and Access - Application of a Comprehensive and Integrated Approach to Policy development in the Rattanakosin Area of Bangkok</i> (ST/ESCAP/2171; http://unescap.org/ttdw/PubsDetail.asp?IDNO=122), for discussion at the BMA-ESCAP Seminar on Comprehensive and Integrated Approach to Transport Policy Development in the Rattanakosin Area of Bangkok.	
2. Establishment of sustainable consultative mechanisms among key stakeholders, including providers and users of transport infrastructure, Governments and relevant institutions.	<p>Organized Ad hoc Expert Group Meeting on Networking of IWT and Dredging Institutions (Bangkok, 28-29 July 2003).</p> <p>Project on Cooperation and Networking of Maritime Manpower Planning, Training and Utilization: (1) undertook preliminary research and survey with regard to networking among shipowners, shippers, maritime institutes and maritime administrations at the national level since the first regional forum in December 1999; (2) organized Second Regional Forum on Maritime Manpower Planning, Training, Utilization and Networking of Centres of Excellence (Bangkok, 15-17 October 2003), and publication of the proceedings (ST/ESCAP/2335; http://unescap.org/ttdw/PubsDetail.asp?IDNO=170).</p> <p>Project on Experience Sharing among Training and Research Institutes in Integrated Urban Transport Policy and Planning: (1) prepared: (a) a directory of centres of excellence relating to urban transport training and education; (b) capacity-building programme based on sustainable policy initiatives in the region; (2) organized: (a) Regional Meeting of Centres for Education, Training and Research in Transport Planning and Policy Development in the Asia-Pacific Region (Bangkok, 10-12 November 2003), which culminated in the establishment of the Asia-Pacific Network for Transport and Logistics Education and Research (ANTLER); (b) Asia-Pacific Network for Transport and Logistics Education and Research (ANTLER): UNESCAP/AITD Expert Group Meeting on Transport and Millennium Development Goals (New Delhi, 14-15 April 2005).</p>	The secretariat, as regional coordinator of ANTLER, will follow up with ANTLER member institutions and facilitate their networking activities, subject to availability of resources.

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
3. PRIVATE SECTOR PARTICIPATION		
To assist countries in establishing appropriate public/private partnerships in the development of transport infrastructure and services		
3.1 Building institutional capacities		
To assist in building institutional capabilities for private sector participation in transport undertakings		
1. Networks of institutions and bodies concerned with economic and commercial regulation in transport	<p>Project on Providing basic services to the poor through public-private partnerships – UNESCAP follow-up to the World Summit on Sustainable Development – Component 2: PPP facilities: prepared: (1) <i>Public-Private Partnerships Readiness Self-Assessment</i> as refined taking into account the recommendations emanating from Expert Group Meeting/Workshop (Dhaka, 2-4 May 2005); (2) video on the 5P projects and preparation of communication strategy and contents of brochure and other publications on the 5P projects; and (3) <i>A Legal Perspectives of Public-Private Partnerships and Training Manual on Public-Private Partnerships: Financier's Perspective</i>, as piloted at Subregional Workshop on Capacity-Building of National and Local Governments (Manila, 25-31 May 2005).</p>	
2. Exchange of ideas and experiences in private sector participation among member States	<p>Organized Consultative Meeting on Public-Private Partnership (PPP) Units for Delivery of Basic Services (Bangkok, 27-28 March 2003).</p> <p>Contributed inputs to, and participated in: (1) Second African Transport Symposium (organized by UNECA, Addis Ababa, 6 March 2002) and made a presentation on “Investment in Infrastructure: How to Increase Private Sector Participation – the Lessons from ESCAP); (2) Forum on Implementing Public-Private Partnerships in Countries of Central and Eastern Europe and Commonwealth of Independent States and First Meeting of UNECE Public-Private Partnership Alliance (Geneva, 11-12 March 2002); (3) networking with the BOT Centre, Department of Trade and Industry of the Philippines, for the promotion of public private partnerships in the region (Manila, 29 November 2002); (3) Asia Private Infrastructure Financing Facility (Singapore, 5 February 2004); (4) Subregional Meeting on PPP-readiness and conduct of a case study in Sri Lanka (Colombo, 25-27 October 2004); (5) Evaluation Workshop for the Project on Providing Basic Services to the Poor through Public-Private Partnerships (Pattaya, Thailand, 9-10 December 2004); (6) Regional Workshop on Private Sector Participation in Asian Railways (Manila, 14-15 June 2006).</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
3.2 Improving the legislative environment		
	Published Bulletin No. 72, <i>Private Sector Participation in the Transport Sector: Institutions in the ESCAP Region</i> (ST/ESCAP/SER.E/72); and Bulletin No. 73: <i>Private Sector Participation in the Transport Sector: Policy Measures and Experiences in Selected Countries</i> (ST/ESCAP/SER.E/73, 10 October 2003).	
To assist countries in improving their legislative environment for private sector participation		
<p>1. Joint workshops/ seminars with the United Nations Commission on International Trade Law</p> <p>2. Joint workshops/ seminars with the United Nations Industrial Development Organization</p>	<p>The United Nations Economic Commission for Africa (UNECA), the United Nations Economic Commission for Europe (UNECE) and the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) have secured funds from the United Nations Development Account, Fifth Tranche, to undertake a project entitled Public-Private Partnership Alliance programme for capacity-building and provision of services (for further details see http://www.un.org/esa/devaccount/projects%20by%20status.htm). UNESCAP is the lead agency for the project. An element of the project relates to improving the legislative environment for private sector participation, for which important resource material is contained in the UNCITRAL publications entitled “Model Legislative Provisions on Privately Financed Infrastructure Projects” and “Legislative Guide on Private Financed Infrastructure Projects”, and UNIDO publication entitled “Guidelines for Infrastructure Development through Build-Operate-Transfer (BOT) Projects”.</p>	
3.3 Evaluating privatization projects		
To assist countries in the region in evaluating the potential for commercialization of transport infrastructure projects from an international perspectives		
<p>1. Advisory services and application of the ESCAP/UNDP financial and economic planning models as well as case studies to evaluate business and asset values</p>	<p>Conducted advisory mission to Shahid Container Terminal (Port of Bandar Abbas), Islamic Republic of Iran (5 September 2006) in collaboration with Korea Maritime Institute (KMI) on container terminal lease contract arrangement, utilizing the UNESCAP/UNDP financial and economic planning models.</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. Regional and country-level seminars/workshops to promote an exchange of regional experiences in creating favourable public opinion with regard to private sector participation	Organized: (1) Expert Group Meeting on PPP readiness assessment framework for countries in the Asia-Pacific Region (Bangkok, 2-4 March 2004); (2) Training Seminar on the Management of Public-Private Partnership Programmes and Projects, Performance Evaluation and Benchmarking (Bangkok, 25-27 August 2004); (3) Capacity-Building of National and Local Governments: Legal and Financial Perspectives of PPP Projects (Manila, 25-31 March 2005); (4) Expert Group Meeting/Workshop on Assessment of Public-Private Partnership Readiness (PPP Readiness) in Bangladesh (Dhaka, 2-4 May 2005); (5) PPP for Central and Local Governments in cooperation with World Bank Institute and Public Debt Management Office of Thailand (Bangkok, 30 May-3 June 2005); (6) Training seminars on public-private partnerships in infrastructure development for government officials from Bangladesh (Bangkok, 24 April 2006, 10 May 2006, 15 May 2006, and 6 July 2006); and (7) UNESCAP/AUSHS-IHS India seminar/workshop on public-private partnerships for public officials from India, Indonesia, Sri Lanka and African countries (Bangkok, 15 March 2006, 7 April 2006 and 30 May 2006).	
4. LOGISTICS AND FACILITATION		
To encourage countries to implement trade and transport facilitation measures that would remove friction		
4.1 Improving trade and transport		
	Preliminary study undertaken on trade and transport facilitation mechanisms in the UNESCAP region.	
To promote the simplification/harmonization of trade/transport procedures/documentation and assist countries in achieving the seamless movement of goods and people		
1. Simplification and harmonization of trade and transport procedures	Organized: (1) Subregional Seminar on Commercial Navigation on Greater Mekong River (Chiang Rai, Thailand, 18-20 December 2002); (2) Expert Group Meeting on Harmonization of Aids to Navigation on the Greater Mekong River (Phnom Penh, 21 January 2002); (3) Subregional Seminar on Asian Highway Cross-Border Transport (Vientiane, 20-22 November 2002); (4) UNESCAP/ADB Subregional Seminar on Cross-Border Transport in the Greater Mekong Subregion (Vientiane, 27-29 January 2003); (5) Seminar on Free Trade Zone and Port Hinterland Development (Bangkok, 30 November-1 December 2004); (6) Seminar on Cluster Development for Trade and Transport Facilitation for Lao People's Democratic Republic and Thailand (Bangkok, 2-4 May 2006); (7) Workshop on Capacity-Building in Trade and Transport Facilitation for Landlocked and Transit Developing Countries (Vientiane, 22-23 March 2005); and (8) capacity building in trade and transport facilitation for landlocked and transit developing countries (Bangkok, 23-25 November 2005).	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p>United Nations Development Account Project “Capacity-building for Developing Interregional Land and Land-cum-Sea Transport Linkages”: Organized the following national workshops on the facilitation of interregional transport along Euro-Asian transport linkages: (i) first workshop (Baku, Azerbaijan, 11-12 May 2006; report is available at http://www.unece.org/trans/main/eatl/1stNatlWrkshp.html); (ii) second workshop (Tbilisi, Georgia, 15-16 May 2006; report is available at http://www.unece.org/trans/main/eatl/1stNatlWrkshp.html);</p> <p>United Nations Special Programme for Economies of Central Asia (SPECA): organized the following sessions of the SPECA Project Working Group on Transport and Border Crossing: (1) Eighth session, Baku, 27-28 March 2003; (2) Ninth session, Almaty, 12-13 March 2004; (3) Tenth session, Bishkek, 24-25 March 2005; and (4) Eleventh session, Almaty, 29-30 March 2006. In addition, served on the panel of SPECA Economic Forum (Baku, Azerbaijan, 25 June 2006) and First session of SPECA Governing Council (Baku, 26-27 June 2006).</p> <p>Contributed inputs to, and participated in: (1) Expert Group Meeting on Efficient Trade and Transport Facilitation to Improve Participation by Developing Countries in International Trade and Inter-agency Meeting on Trade Facilitation (Geneva, 25-28 November 2002; (2) Negotiating Meeting of GMS Cross-Border Transport Agreement (Phuket, 14 October 2004); (3) UNDP/UNESCAP Regional Consultation on Issues in Trade Facilitation and Human Development (Bangkok, 16-17 August 2005); (4) Workshop on Border Trade Facilitation and Logistics Development in GMS (Mukdaharn, Thailand, 29-30 March 2005).</p> <p>Project on Guidelines on establishing free trade zones and port hinterland development: published <i>Study on Free Trade Zone and Port Hinterland Development</i> (ST/ESCAP/2377; a copy is available at http://unescap.org/ttdw/PubsDetail.asp?IDNO=184)</p>	
2. Reports isolating and quantifying bottlenecks that impede the smooth movement of goods and measures to overcome the impediments, including ICT applications in transport and trade.	<p>Published <i>Landlocked Developing Countries Series, No. 1: Transit Transport Issues in Landlocked and Transit Developing Countries</i> (ST/ESCAP/2270; http://unescap.org/ttdw/PubsDetail.asp?IDNO=149)</p> <p>Conducted desk research on the possibilities of expanding the role of public border warehouses with emphasis on the Asian Highway network.</p> <p>Provided advisory services on: (1) transport particularly to facilitate the preparation of national plans in line with the Almaty Programme of Action to Kyrgyzstan (14-15 March 2004) and Tajikistan (20-27 March 2004); (2) identification of SPECA transport routes of international importance to</p>	<p>Project on Planning Models for Logistics Enterprises and Cluster Development: projected activities include: (1) desk research on general trends in logistics services and cluster information, (2) collection of data and information through survey and interview, (3) identification of areas for cooperation between countries as regards location of logistics centres particularly land border areas, (4) a study on</p>

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p>Kazakhstan (25 March 2004); (3) identification of international road routes with interest/importance to the country to Mongolia (12-14 April 2005) and Uzbekistan (13-17 May 2005); (4) review of the draft Plans of Action of Kyrgyzstan for the implementation of the Almaty Programme of Action; and to initiate international transport routes analysis with the application of the UNESCAP-developed time/cost distance methodology for analyzing transit transport routes, with a view to identifying major physical and non-physical of direct routes (18-21 May 2005); (5) upgrading the capability of the trucking industry to Lao People's Democratic Republic (Vientiane, 11-17 January 2006).</p> <p>Project on Transit Transport Issues of Landlocked and Transit Developing Countries: (a) prepared an Asian Action Plan on Transit Transport Cooperation for consideration of the International Ministerial Conference of Landlocked and Transit Developing Countries and Donor Countries and International Financial and Development Institutions on Transit Transport Cooperation (Almaty, 28-29 August 2003), involving: (i) missions to collect data (Kathmandu, 2 October 2002; Astana and Almaty (5-10 December 2002); Vientiane/Suvannakhet/Udonthani, 10-12 December 2002; New Delhi (24-26 February 2003); (ii) development of a methodology to help identify non-physical bottlenecks and four case studies for the subregions of Central Asia (Kazakhstan and Uzbekistan), South-East Asia (Lao People's Democratic Republic), North-East Asia (Mongolia) and South Asia (Nepal) were conducted where the methodology was applied. The results of the case studies and a framework of recommendations and action plan were discussed and refined through Second Specific Consultative Meeting on the Transit Transport Systems of the Lao PDR (Vientiane, 15-16 January 2003); and subregional seminars (Ulaanbaatar, 6-7 March 2003; Almaty, 13-14 March 2003; Kathmandu, 3-4 April 2003); (b) implementation of a "Road Map for the implementation of the Almaty Programme of Action: Addressing the Special Needs of Landlocked Developing Countries within a New Global Framework for Transit Transport Cooperation for Landlocked and Transit Developing Countries", adopted by the Ministerial Conference; (c) encouragement to countries to strengthen transport and trade facilitation committees.</p> <p>Project on Planning Models for Logistics Enterprises and Cluster Development: appointed a consultant and discussed methodology. Projected activities include: (1) desk research on general trends in logistics services and cluster information, (2) collection of data and information through survey and interview, (3) identification of areas for cooperation between countries as regards location of logistics centres particularly land border areas, (4) a study on special logistics zones established in the more advanced countries in Asia including the applicability of these zones with</p>	<p>special logistics zones established in the more advanced countries in Asia including the applicability of these zones with logistics clusters in landlocked countries, (5) organization of seminar, and (6) dissemination of study findings.</p>

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	logistics clusters in landlocked countries, (5) preparation of logistics planning model, (6) organization of seminar, (7) dissemination of study findings.	
4.2 Improving legal regimes		
To assist countries in putting in place a suitable legal regime that would facilitate international and transit transport		
1. Analysis of international and subregional agreements that facilitate trade and transport.	Prepared: (a) <i>Review of International Agreements in Central Asia, China and Russian Federation</i> ; (b) <i>Report of the Study on Agreements on International Road Transport in the Member Countries of the Shanghai Cooperation Organization</i> ; (c) <i>Review of progress in the implementation of UNESCAP resolution 48/11 of 23 April 1992 on road and rail transport modes in relation to facilitation measure</i> ; <i>Analysis of subregional transport facilitation agreements in the UNESCAP region</i> ; and (e) <i>Analysis of bilateral agreements on international land transport in the UNESCAP region</i> .	
2. Training and advisory services to build institutional capacities and assist in the implementation of transport agreements	<p>Provided advisory services on: (1) land transport conventions to the Lao PDR (Vientiane, 11-12 December 2003); (2) facilitation of international land transport among the members of the Shanghai Cooperation Organization (Beijing, 13-17 January 2004).</p> <p>Organized: (1) UNDP-ESCAP Workshop on Transport and Transit: Silk Road a Way for Integration" (Astana, 6-7 June 2002); (2) ICC Asia Regional Conference on Transport Facilitation and Trade growth in Asia, in cooperation with UNESCAP (Bangkok, 27-28 November 2003).</p> <p>Contributed inputs to, and participated in: (1) Sixth Negotiating Meeting on Draft Transit Traffic Agreement among China, Mongolia and Russian Federation (Ulaanbaatar, 12-14 October 2005); (2) China Customs/ADB Customs Cooperation Committee Forum on TIR Customs Transit System (Shanghai, 19-21 October 2005).</p> <p>Project on Facilitation of International Land Transport: (1) organized: (a) Subregional Seminars on International Road Transit Transport under TIR System (Kunming, China, 23-25 September 2002 and Beijing, 22-23 September 2005); (b) Expert Group Meeting on Facilitation of International Road Transport among Members of Shanghai Cooperation Organization (SCO) (Urumqi, China, 1-3 June 2004); (c) Negotiating Meeting on a Draft Intergovernmental Agreement of the SCO Member States on Facilitation of International Road Transport (Urumqi, 3-7 Aug. 2004); (d) Second Negotiating Meeting on Refined Draft of the Intergovernmental Agreement of the SCO Member States on Facilitation of International Road Transport (Beijing, 9-12 March 2005); (e) Third Negotiating Meeting on Final Text of the Intergovernmental Agreement of SCO Member States on</p>	<p>Seminar-cum-Study Tour on Facilitation of International Road Transport (first half of 2007 in Kashi, China).</p> <p>Fifth Negotiating Meeting of the Draft Agreement between the SCO Member States on Facilitation on International Road Transport (January 2007).</p> <p>Project on Technical Assistance for Formulating and Implementing an Intergovernmental Agreement of the Shanghai Cooperation Organization Member States on Facilitation of International Road Transport: projected activities include: (1) organize and provide technical assistance to the meetings for negotiation of the agreement and its protocols; (2) draft protocols to the agreement and training materials for implementation of the agreement are available for the Governments; (3) organize training courses for implementation of the agreement</p>

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p>Facilitation of International Road Transport (Shanghai, 26-29 June 2005); and (f) Fourth Negotiating Meeting on the Agreement between the SCO Member States on the Facilitation of International Road Transport (Beijing, 9-12 August 2006).</p> <p>Project on Institutional capacity-building for facilitation of international trade and transport in landlocked and transit countries: organized; (1) First and Second Regional Meetings on Trade and Transport Facilitation for Landlocked and Transit Countries (Bangkok, 10-11 October 2005 and 30-31 October 2006); (2) national workshops-cum-advisory services on trade and transport facilitation in Lao People's Democratic Republic (Paksé, 12-14 December 2005), Mongolia (Ulaanbaatar, 17-19 April 2006), Kyrgyzstan (Bishkek, 24-26 May 2006), Tajikistan (Dushanbe, 29-31 May 2006) and Kazakhstan (Astana, 24-26 July 2006); and (3) Expert Group Meeting on Evaluation of Study on Legal Regimes for Transport Facilitation (Bangkok, 26-27 October 2006); (3) conducting a study on legal regimes for inter-State and transit transport.</p> <p>Project on Study on transit charges in Greater Mekong Subregion: released Report of the Study of Transit Charges to be Assessed under Protocol 2 of the Agreement for the Facilitation of Cross-Border Transport of Goods and People in the Greater Mekong Subregion. Proposed protocol 12 has been signed by the GMS countries.</p> <p>Participated in: (1) Mid-term review of the implementation of the programme of action for the least developed for the Decade 2001-2010 (Bangkok, 14-15 March 2006); (2) Expert Group Meeting on ICT Guidelines for Cross-Border Trade and Transport Facilitation (Bangkok, 26-28 April 2006).</p>	and its protocols.
4.3 Raising awareness of logistics concepts		
To increase awareness of logistics concepts and assist countries in developing multimodal transport services and supply chain management capabilities		
1. Case studies of best practices and development of guidelines on establishment of logistics centres	<p>Organized Regional Seminar on Commercial Development of Ports as Logistics Centers, (Bangkok, 11-12 July 2002), to afford key decision makers from regional ports the opportunity to discuss the major findings of the study undertaken by UNESCAP on ports as logistics centres and to exchange information and ideas on current port development.</p> <p>Published: (a) <i>Commercial Development of Regional Ports as Logistics Centres</i> (ST/ESCAP/2194; http://unescap.org/ttdw/PubsDetail.asp?IDNO=146); and (b) <i>Improvement of Transport and</i></p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	<p><i>Logistics Facilities to Expand Port Hinterland: Policy Guidelines</i> (ST/ESCAP/2299; http://unescap.org/ttdw/PubsDetail.asp?IDNO=135).</p> <p>Made a presentation on regional experience in transport logistics at International Forum on North-East Asian Logistics (Seoul, 7 September 2006); and attended FIATA Annual World Congress (Shanghai, 17-19 September 2006).</p>	
2. Comparative analysis of logistics costs in countries of the region	<p>Development of cost/time-distance methodology for analysing transit transport routes, and application of the same to transport corridors.</p> <p>Preparation of a compendium of route analysis utilizing the cost/time-distance methodology.</p> <p>Published <i>Comparative Analysis of Port Tariffs in the ESCAP Region, ESCAP and KMI</i> (ST/ESCAP/2190; http://unescap.org/ttdw/PubsDetail.asp?IDNO=24)</p>	
4.4 Capacity-building and skills development		
Capacity-building and skills development to further progress multimodal transport and develop logistics services at the national, subregional and regional levels		
1. Interactive training material suitable for distance mode delivery prepared in conjunction with Governments, freight forwarders associations and training institutions	<p>Prepared: (a) <i>Training Manual on Logistics and Supply Chain Management</i>, (ST/ESCAP/2305, December 2003); (b) <i>Training Manual on the Operational Aspects of Multimodal Transport</i> (ST/ESCAP/2304, December 2003); (c) <i>Training Manual on Commercial and Legal Aspects of Multimodal Transport</i>; and (d) <i>Training Manual on Training Fundamentals</i>.</p> <p>Organized: (a) UNESCAP/AFFA Subregional Workshop on Training of Trainers in Freight Forwarding, Multimodal Transport and Logistics Management (Bangkok, 16-18 October 2002); (b) Regional Meeting of Freight Forwarders and Multimodal Transport Operators (Bangkok, 27 November 2003; http://www.unescap.org/ttdw/common/TFS/Multimodal%20Tx/FreightForwarder%20Report.asp); (c) Subregional Meeting on Sustainable Capacity Building and Training of Trainers in Freight Forwarding, Multimodal Transport and Logistics (Bangkok, 10-12 November 2004); (d) Subregional Meeting on Sustainable capacity Building and Training of Trainers in Freight Forwarding, Multimodal Transport and Logistics (Bangkok, 30 May-3 June 2005); (e) National Seminar on Training of Trainers on Multimodal Transport tentatively (Yangon, 20-24 March 2006).</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. Qualified trainers certified to deliver the training material at the subregional and regional levels.	<p>Provided advisory services to: (1) the freight forwarding industry and the Philippines training institutes to review their current training activities and examine the options in delivering the UNESCAP-developed training materials (Manila, 4-6 December 2003); (2) Workshop /Seminar on Training of Trainers and Seminar on Multimodal Transport and Logistics (Hanoi, 31 October-4 November 2005).</p> <p>Organized: (1) National Seminar and Training of Trainers on Multimodal Transport (Hanoi, 31 October-4 November 2005); (2) National Seminars on Training of Trainers on Multimodal Transport (Phnom Penh, 30 January-3 February 2006; Yangon, 20-24 March 2006 and 3-7 July 2006); and (3) National Workshop on Training of Trainers in Multimodal Transport (Port Klang, Malaysia, 3-8 September 2006).</p>	
5. ENVIRONMENT AND SAFETY		
To mitigate the environmental and social impact of transport and improve safety		
5.1. Environment		
To assist member countries in incorporating the environmental and social impacts of transport in the planning, implementation and operation of transport projects		
	<p>UNESCAP in collaboration with GTZ and other organizations and networks have established the Sustainable Urban Transport Project in Asia or SUTP-Asia, involving the organization of a number of seminar and workshops through SUTP-Asia for the promotion of sustainable transport development, including bus rapid transit (BRT). Awareness creation among policy makers and capacity-building activities on BRT development has contributed towards the consideration of BRT projects in Bangkok, Thailand. Seminar and workshops included: (1) ESCAP/GTZ Seminar on Building a New City: Sustainable Transport in Bangkok (Bangkok, 30 January 2004); (2) UNESCAP/UITP/GTZ Workshop on "Getting around cities: Sustainable Transport, Air Quality and Integration (Bangkok, 25-26 October 2005).</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
1. Guidelines on multistage environmental and social impact assessments (ESIA) in the transport sector.	<p>Conducted: (1) Training Workshop on Development and Maintenance of Roads in Myanmar (Yangon, 12-13 July 2004).</p> <p>Technical assistance to the Democratic People's Republic of Korea Officials in Key Development Issues: Subprogramme 5, Transport and Tourism: organized Training Workshop on Maintenance and Environment Impact Assessment of Road Network and Pavement Stabilization (Pyongyang, 25-27 January 2006).</p> <p>Provided advisory services on road maintenance management and development to Viet Nam (Hanoi, 17 December 2003), one of the issues concerned environmental and social impact assessment guidelines for road sector.</p>	
2. Workshops and seminars based upon the guidelines	<p>Made a presentation on "The Need for Regional Policies on Vehicle Emissions in Asia" at the ADB Concluding Workshop on Regional Technical Assistance Project on Reducing Vehicle Emissions (Manila, 28 February-1 March 2002).</p> <p>Served as a resource person at a course on environmental economics on "Integrating Environmental Concerns into Economic Decision-Making", delivered through world wide web (in cooperation with the Asian Institute of Technology (AIT) and Cardiff University).</p>	
5.2. Safety		
To assist policy makers in analysing the road safety situation in their countries in comparison with other countries		
1. Asia-Pacific road accident database (APRAD) and comparative analysis of regional accident data.	<p>Updating of the Asia-Pacific Road Accident Database (APRAD) (http://www.unescap.org/ttdw/data/aprad.asp)</p> <p>Published <i>Transport and Communications Bulletin for Asia and the Pacific, No. 74, Road Safety</i> (ST/ESCAP/SER.E/74; http://unescap.org/ttdw/PubsDetail.asp?IDNO=176)</p> <p>Organized: (1) Seminar on Road Safety and Safety Audit (Vientiane, 24-25 July 2003); (2) Meeting of the ESCAP Asia-Pacific Road Accident Database (APRAD) in the Lao People's Democratic Republic (Vientiane, 28 November 2003)</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. Network of national agencies and users involved in maintaining the regional database	<p>Participation of UNESCAP in the Global Road Safety Partnership (GRSP) launched by the World Bank within the framework of the latter's Business Partner Development Programme, including rendering assistance towards the establishment of national safety partnership and regional expertise exchange involving, inter alia, the organization of the Second Global Road Safety Partnership (GRSP) Steering Committee Meeting (Bangkok, 14-15 June 2002); Third Global Safety Partnership – ASEAN Seminar (Bangkok, 17-18 March 2003); Global Organizing Committee for UN Road Safety Week 2007 (Bangkok, 9 May 2006); 4th UN Road Safety Collaboration Meeting (Bangkok, 10-11 May 2006); and 5th UN Road Safety Collaboration Meeting (Geneva, 30-31 October 2006).</p> <p>Formulated draft ministerial declaration on improving road safety in Asia and the Pacific, for consideration and adoption by the Ministerial Conference on Transport (Busan, 6-11 November 2006).</p> <p>Contributed inputs to and, participated in: (1) Johnson & Johnson "SAFE Fleet Conference 2002 Asia-Pacific Country Champions", and made a presentation on "Road Safety in Asia and the Pacific: 2002 and Beyond" (Singapore, 22-23 January 2002); (2) WHO Global Road Safety Collaboration Meeting (Geneva, 1 October 2004); (3) Second and Third United Nations Road Safety Collaboration Meetings (Geneva, 16-17 March 2005 and London, 14-15 November 2005 respectively). Global Organizing Committee for UN Road Safety Week 2007 (Bangkok, 9 May 2006).</p>	Global Road Safety Week 2007 (23-29 April 2007), to be organized jointly with World Health Organization under the theme "Young Road Users".
5.3 Transport of dangerous goods		
To assist countries in applying international standards for the transport of dangerous goods		
1. Training needs identified through advisory service missions	Organized UNESCAP/ADB Subregional Seminar on Cross-Border Transport in the Greater Mekong Subregion: Annexes and Protocols of GMS Cross-border Transport Agreement (Bangkok, 24-27 February 2004). On that occasion, the following presentations were made: (1) Presentation on Annex 1 Carriage of Dangerous Goods of GMS Cross-border Transport Agreement, by Asian Development Bank (ADB); and (2) Presentation on European Agreement concerning the International Carriage of Dangerous Goods, by UNECE.	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. A core of experts in countries of the region with the capacity to implement international standards for the transport of dangerous goods	Organized: (a) ESCAP/IMO Regional Course on Implementation of the International Maritime Dangerous Goods Code (Bangkok, 1-4 April 2002); and (b) Seminar-cum-Study tour on Navigation Safety and Intermodal Transport on International Rivers (the Netherlands, 14-18 October 2002).	
6. HUMAN RESOURCES DEVELOPMENT CAPABILITIES		
	The modality for many of the secretariat's activities is HRD. Consequently, these are reported elsewhere in this summary.	
7. POVERTY ALLEVIATION, RURAL AREAS AND DISADVANTAGED POPULATION GROUPS		
To improve standards of living, especially of the poor, women, children, the elderly and people with disabilities by examining their access and mobility needs and formulating appropriate policy responses		
7.1 Socio-economic impact of transport		
To assist countries in identifying and quantifying linkages between transport and socio-economic development		
	HIV/AIDS: developed a Computer Based Training Programme on HIV/AIDS consisting of a CD-ROM, a student's course book, and an instructor's manual, in cooperation with UNDP SEAHIV, UNAIDS and Singapore Maritime Academy. Activities also encompassed: (1) Curriculum Development Workshop II – Mobilizing a Response to HIV/AIDS in the Maritime Industry (Bangkok, 29 April-3 May 2002); (2) Mobilizing a Response to HIV/AIDS in the Maritime Industry: Training of Trainers Workshop (Bangkok, 28-29 August 2002); (3) Mobilizing a Response to HIV/AIDS in the Maritime Industry: Expert Group Meeting (Bangkok, 30 August 2002); (4) Regional Seminar for Training of Trainers on the Computer Based Training Programme on HIV/AIDS Prevention for the Maritime Industry "Be Safe Not Sorry" (Shanghai, 8-11 June 2004); and (5) missions to countries that employ seafarers as well as train and supply seafarers in order to obtain feedback on the programme and gather views and ideas from the maritime industry. These included China, Indonesia, the Philippines, Singapore and Hong Kong, China.	Health without borders – improving health and reducing HIV/AIDS vulnerability among long-distance road transport workers through multi-sectoral approach, involving collaboration with UNESCAP/Emerging Social Issues Division.

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
	Evaluation of major rural transport development programmes and findings of studies undertaken by the Asia-Pacific Network for Transport and Logistics Education and Research (ANTLER)-affiliated institutions from Bangladesh, China, India, Indonesia, the Philippines and Sri Lanka are contributing to the work of the secretariat on the role transport in poverty reduction and improvement in general welfare of the people.	
1. Review of analytical and quantitative studies on linkages between transport and socio-economic development	Contributed inputs to, and participated in, (1) Workshop on Pro-Poor Public-Private Community Participation (PPCP) Demonstration Project on Water Supply Sector (Colombo, 7-9 April 2003); (2) Workshop on Pro-Poor Public Private Community Participation (Jakarta, 5-7 June 2003); (3) Workshop on Pro-Poor Public Private Community Participation (PPCP) Project on Biodiversity (Islamabad, 17-19 July 2003) ; (4) Expert Group Meeting on Collecting, Documenting and Disseminating Innovative Practices on Pro-Poor Public Private Partnership (Chiang Mai, Thailand, 24-26 March 2004). Meeting of Regional Resource Facility on Good Practices on Pro-Poor Public-Private Partnership (Chiang Rai, Thailand, 18-19 April 2003).	
2. Methodology for establishing transport satellite accounts to the national accounts		A training course on transport satellite accounts to national accounts will be organized in December 2006 (an analytical tool that can be used to measure the impact of transport interventions).
7.2 Transport interventions to improve standards of living		
To promote the development of accessible transport infrastructure and services		
1. Case studies on integrating the transport needs of women into the mainstream of transport policy and planning	Launched Women in Transport Forum on the web site (http://www.unescap.org/ttdw/Index.asp?MenuName=WomeninTransport)	Publication of Transport and Communications Bulletin for Asia and the Pacific, No. 76, on gender and transport in December 2006.

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. Case studies on integrating the special needs of people with disabilities and senior citizens into transport policy and planning	<p>A high-level intergovernmental meeting hosted by the Government of Japan convened (Otsu City, Japan, 25-28 October 2002). The draft framework for action presented to the Meeting considered targets and actions in priority areas, including access to built environment and public transport.</p> <p>Published <i>Barrier-Free Tourism for People with Disabilities in the Asian and Pacific Region</i> (ST/ESCAP/2316; http://www.unescap.org/ttdw/PubsDetail.asp?IDNO=139) ; and organized Seminar on Barrier-Free Tourism in the Greater Mekong Subregion (Hanoi, 27 March 2003).</p>	
8. INFRASTRUCTURE NEEDS OF THE LEAST DEVELOPED, LANDLOCKED AND ISLAND DEVELOPING COUNTRIES AND THE ECONOMIES IN TRANSITION		
	The activities undertaken/being undertaken under this Regional Action Programme take into account the infrastructure needs of the least developed, landlocked and island developing countries and the economies in transition.	
Meeting priority needs of the Pacific island developing countries		
To assist Pacific island developing member countries in facilitating the integration of the transport network through identification of the trade and transport task, private sector participation and human resources development		
1. Exchange of best practices from within and outside the Pacific island developing member countries related to the integration of transport networks and public/private partnership models suitable for the subregion.	<p>The United Nations Economic Commission for Africa (UNECA), the United Nations Economic Commission for Europe (UNECE) and the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) have secured funds from the United Nations Development Account, Fifth Tranche, to undertake a project entitled Public-Private Partnership Alliance programme for capacity-building and provision of services (for further details see http://www.un.org/esa/devaccount/projects%20by%20status.htm). UNESCAP is the lead agency for the project. Pacific island developing member countries will be invited to participate in this project.</p>	

Subprogramme/ Programme Element/ Output	Activities under implementation/completed as of 30 October 2006	Activities to be undertaken between November and December 2006, including those planned or ongoing on a continuing basis
2. A programme for institutional strengthening and sustainable skills development.	<p>Prepared: (a) <i>Training Manual on Logistics and Supply Chain Management</i>, (ST/ESCAP/2305, December 2003); (b) <i>Training Manual on the Operational Aspects of Multimodal Transport</i> (ST/ESCAP/2304, December 2003); (c) <i>Study Guide on Operational Aspects of Multimodal Transport</i> (see 4.4 above)</p> <p>A project profile entitled “Capacity building in trade and transport for effective integration of Pacific island developing countries into the regional and global economy” has been developed.</p>	