



*UN Development Account Capacity Building Project
on Interregional Transport Linkages*

2nd Expert Group Meeting on Developing Euro-Asian Transport Linkages
(3 – 5 November 2004, Odessa, Ukraine)

Information on Investment Activities

Note: For countries which have not submitted country reports, information from the Asian Highway Database is given.

A. Afghanistan

No information on investment activities was received from the country.

Information from the Asian Highway Database: Afghanistan has approximately 4,250 kilometres of Asian Highway routes. The majority of this network (over 80 per cent) is in poor condition, below the minimum Class III standard. However, over 3,000 kilometres of this network are currently under rehabilitation and upgrade. The Kabul to Mazar-i-Sharif section (AH7 and AH76) is mostly Class II standard.

Table 1: Condition of Asian Highway routes in Afghanistan

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH1	Torkham – Kabul – Kandahar – Dilaram – Herat – Islam Qala	0	0	0	77	1,323	1,400
AH7	Shirkhan – Polekhumri – Djbul sarcj – Kabul – Kandahar – Speenboldak	0	0	324	0	169	493
AH62	Hairatan – Mazar-i-Sharif	0	0	120	0	0	120
AH71	Dilaram – Zarang	0	0	0	0	264	264
AH76	Polekhumri – Mazar-i-Sharif – Herat	0	0	177	0	809	986
AH77	Djbul sarcj – Bamiyan – Herat – Tourghondi	0	0	0	0	983	983
Total		0	0	621	77	3,548	4,246
<i>Percentage</i>		<i>0.0%</i>	<i>0.0%</i>	<i>14.6%</i>	<i>1.8%</i>	<i>83.6%</i>	<i>100.0%</i>

Investment in the Asian Highway in Afghanistan: Over 3,100 kilometres of the Asian Highway network are currently under rehabilitation and upgrade in Afghanistan, at a total cost over US \$ 800 million. Table 2 shows the projects being undertaken along the Asian Highway in Afghanistan (based on available information).

Table 2: Investment in Asian Highways in Afghanistan

AH route	Section of Highway	Length, km	US \$ m	Funding Source	Work Type	Phase	Completion
AH1	Kabul-Ghazni-Kandahar	483.0	207.0	Govt of USA, Govt of Japan	upgrade	construction	2004
AH1	Herat-Delaram	348.0	50.0	Govt of USA, Govt of Japan, Govt of Saudi Arabia	upgrade	preliminaries in progress; funds committed	n.a.
AH1	Herat-Islam Qala	124.0	50.0	Govt of IR of Iran	upgrade	construction	2003
AH1	Kabul-Jalalabad	142.0	92.0	EU	upgrade	design	n.a.
AH1	Jalalabad-Torkam	82.0	n.a.	Govt of Pakistan	upgrade	design	n.a.
AH7	Pol_e_Khumri-Shirkhan Bandar	138.0	13.5	WB	upgrade	construction	n.a.
AH7	Pol_e_Khumri-Doshi	47.0	n.a.	WB	upgrade	n.a.	n.a.
AH7	Kabul-Salang-Doshi	170.0	60.0	WB	upgrade	construction	n.a.
AH7	Kandahar-Spin Boldak	103.5	25.0	JFPR, Kuwait	upgrade	construction	2004
AH7, AH77 AH77	Charikar-(Djbul sarcj-) Bamian	160.0	21.9	WB	upgrade	preliminaries in progress	n.a.
	Herat-Torghandi	119.0	n.a.	Govt of Afghanistan	upgrade	n.a.	n.a.
AH71	Deralam-Zaranj (border of Iran)	223.0	70.0	Govt of India	upgrade	preliminaries in progress	n.a.
AH62, AH76 AH76	Haritan-Mazar_I_Sharif-Naibabad	57.0	13.0	ADB	upgrade	design	n.a.
AH76	Naibabad-Pol_e_Khumri	164.0	34.5	ADB	upgrade	design	n.a.
AH76	Naibabad-Mazar_e_Sharif	26.0	5.5	ADB	upgrade	design	n.a.
AH76	Mazar_e_Sharif-Andhkhuoy	197.0	37.0	ADB	upgrade	design	n.a.
AH76	Herat-Andkhoy	550.0	150.0	ADB	upgrade	funds committed	n.a.

n.a. – information not available to ESCAP

Map showing location of major road projects in Afghanistan (Source: ADB)



B. Armenia

No information on investment activities was received from the country.

Information from the Asian Highway Database: Armenia has approximately 958 kilometres of Asian Highway routes. All the Asian Highway routes in Armenia meet the minimum standards.

Table 1: Condition of Asian Highway Routes in Armenia

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH81	Bagratashen – Ashtarak – Yerevan – Eraskh		95	0	242	0	337
AH82	Agarak – Meghri – Border of Azerbaijan Bavra – Gumri (– Akurik) – Ashtarak – Yerevan –		0	103	360	0	463
AH83	Eraskh – Meghri – Goris – Agarak – Border of Iran		0	60	98	0	158
	Total	0	95	163	700	0	958
	<i>Percentage</i>	<i>0.0%</i>	<i>9.9%</i>	<i>17.0%</i>	<i>73.1%</i>	<i>0.0%</i>	<i>100.0%</i>

Investment on Asian Highway routes:

AH route	Section of Highway	Length, km	\$m (USD)	Funding Source	Work Type	Phase	Completion
AH81	WB maintenance and rehabilitation project, includes: Yerevan-Giumri-Georgian border surface dressing			World Bank	rehabilitation		
AH82	Yerevan-Goris-Iranian border overlay and leveling course						
AH81	Margara-Vanadzor overlay, leveling course and reconstruction						
	Total investment as at January 2003		-	30.8			

C. Azerbaijan (country report)

**ANNEX 8:
ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES¹**

No.	Name and Location	Transport mode	Type of project ²	Project status ³	Expected starting date	Expected completion date	Project cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
	International Trade Port of Baku	Maritime transport							
1	Sea station	Maritime transport	Reconstructuion		2003	2005	2,4		autofinancing
2	Ferry terminal	Maritime transport	Reconstruction		2003	2006	7,7		autofinancing
3	Gazimamad-Kurdamir, E 60	Road transport	rehabilitation	Under construction	2005	2007	41,0		EBRD-100%
4	Kurdamir-Ujar	Road transport	rehabilitation	Design study phase	2005	2007	- *		Kuwait Fund, Government of Azerbaijan
5	Ujar-Yevlakh	Road transport	rehabilitation	Under construction	2005	2007	-**		Islamic Development Bank, OPEC, Government of Azerbaijan
6	Yevlakh-Gandja	Road transport	rehabilitation	Under construction	2005	2008	-**		Saudi Arabia Fund, Asian deveopment Bank, Islam Development Bank, Government of Azerbaijan
7	Gandja-Gazakh	Road transport	rehabilitation	Under construction	2003	2005	48,0		World Bank-83%; TACIS-3%; Government of Azerbaijan-14 %
8	Gazakh-Georgian border	Road transport	rehabilitation	Under construction	2005	2006	-**		-; Government of Azerbaijan-15%
9	Russian border-Baku- Iranian border, E 119	Road transport	reconstruction	Planning stage	2005	-	-	-	-
10	“North-South” transport corridor Europe - Asia	Railway transport	construction	Design study phase	2004	2008	600 mln.\$ According to Iranian party construction of railway between Astara (Azerbaijan) and Astara (Iran) will cost 2,7 mln \$		Financial institutions

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES⁴

No.	Name and Location	Transport mode	Type of project	Duration of project (months)	Expected start date	Estimated cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1	Gazimamad-Kurdamir road	Road transport	rehabilitation	36	2005	41		EBRD
2	Kurdamir-Ujar road	Road transport	Rehabilitation	24	2005	-		Kuwait Fund, Government of Azerbaijan
3	Ujar-Yevlakh	Road transport	rehabilitation	24	2005	-		Islamic Development Bank, OPEC, Government of Azerbaijan
4	Yevlakh-Gandja	Road transport	rehabilitation	36	2005	-		Saudi Arabia Development Fund, Asian Development Bank, Islamic Development Bank, Government of Azerbaijan
5	Gandja- Gazakh	Road transport	rehabilitation		2003	48,0		World Bank-83%; TACIS-3%; Government of Azerbaijan-14%
6	Gazakh-Georgian border	Road transport	rehabilitation	24	2005	-		- ; Government of Azerbaijan-15%
7	Russian border-Baku- Iranian Border	Road transport	reconstruction	-	-	-		-

D. Belarus (country report)

ANNEX 8: ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES⁵

No.	Name and Location	Transport mode	Type of project ⁶	Project status ⁷	Expected starting date	Expected completion date	Project cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
1.	Organisation of speed traffic of passenger trains (section Krasnoje-Minsk-Brest)	railway	upgrading	Design study phase	2003	2005	0.7		From the budget of Belarussian Railway
2.	Upgrading of the M1/E30 road, section from km 1.7 to km 9.8	road	upgrading	In progress	April 2003 (actual date)	September 2004	2.2	N/A	National budget (actual funding source)
3.	Upgrading of the M1/E30 road, section from Telmy to Kozlovichi (21 km lengs)	road	upgrading	In progress	March 2000 (actual date)	October 2004	15.7	N/A	National budget (actual funding source)
4.	Upgrading of the M1/E30 road, section from	road	upgrading	In progress	March 2005	November 2005	9.5	N/A	National budget

⁵ Please attach any additional documents if available, such as pre-feasibility/feasibility studies, etc.

⁶ Please specify if project is for upgrading; rehabilitation; new construction, or others (please describe).

⁷ Planning stage, design study phase, under construction.

E. Bulgaria (country report)

ANNEX 8:

ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

No.	Name and Location	Transport mode	Type of project	Project status	Expected starting date	Expected completion date	Project cost (million Euro)	IRR Value	Expected funding sources (and % if more than one)
	Plovdiv-Svilengrad railway line electrification and upgrading (E070)	railway	upgrading	tendering	02.2005	05.2010	340	3%	45 % EIB loan 44 % ISPA grant 11 % State budget
	Electrification of Dragoman-Kalotina BS railway line (E070)	railway	upgrading	under construction	05.2004	05.2005	7	3%	100% State budget
	Motorway "Trakia" Lot 1	Motorway	New construction	Under construction	2003	2005	65		EIB, national budget
	Motorway "Trakia" Lot 5	Motorway	New construction	Under construction	2003	2005	55		EIB, national budget
	Corridor 9 Stara Zagora - Kazanlak	Express road	rehabilitation	Under construction	2004	2005	14.5		ISPA, national budget
	Corridor 4 Sofia - Botevgrad	Motorway	rehabilitation	Under construction	2004	2005	4.5		ISPA, national budget
	Corridor 8 Sliven - Burgas	Ordinary road	rehabilitation	Under construction	2004	2005	7.5		ISPA, national budget
	Corridor 4 Vidin - Montana	Ordinary road	rehabilitation	Under construction	2004	2005	12		ISPA, national budget
	Rehabilitation, reconstruction and Modernisation of the port of Lom	ports	reconstruction	Design study phase	2004	2007	29,7		17 m euro loan EIB 4,5 m euro HiPERB grant state budget
	Port of Bourgas expansion project	ports	New construction	Under construction	Under construction	June 2005 new terminal June 2006 new breakwater	145 million USD		-130 m USD loan by JBIC -15 million state budget

Bulgaria (cont)**ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES⁸**

No.	Name and Location	Transport mode	Type of project ⁹	Duration of project (months)	Expected start date	Estimated cost (million Euro)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1	Modernization and electrification of Radomir-Gueshevo railway line (T855)	railway	upgrading and new construction	36	05.2007	150	3%	75%EU funds 25% State budget
B. MEDIUM-TERM PROJECTS (UP TO 2015)								
2	Modernization of Vidin-Sofia-Kulata railway line (T056+E855)	railway	upgrading and new construction	80	01.2008	2 400	4.5%	75% EU Cohesion fund 25% State budget
3	Modernization of Sofia-Dragoman railway line	railway	upgrading and new construction	36	01.2010	55	4.5%	75%EU funds 25% State budget
C. PROJECTS BEYOND 2015								
4	Modernization of Sofia-Plovdiv-Burgas/Varna railway line (E070+E720+E951)	railway	upgrading and new construction	80	01.2009	937	4.5%	75% EU Cohesion fund 25% State budget
5	Modernization of Sofia-Karlovo-Zimnitsa railway line	railway	upgrading and new construction	70	01.2012	900	4.5%	75%EU funds 25% State budget

⁸ Please attach any additional documents if available, such as pre-feasibility/feasibility studies, etc. Please specify if project is for upgrading; rehabilitation; new construction; or others (please describe).

Bulgaria (cont.)

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

No.	Name and Location	Transport mode	Type of project	Duration of project (months)	Expected start date	Estimated cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1.	Corridor 4 Vladaia - Daskalovo	Express road	rehabilitation	18	2005	10		ISPA, EIB, national budget
2.	Corridor 9 Veliko Tarnovo - Gurkovo	Ordinary road	rehabilitation	18	2005	11		ISPA, EIB, national budget
3.	Corridor 10 Kalotina - Sofia	Express road	rehabilitation	18	2005	13.5		ISPA, EIB, national budget
4.	Corridor 8 Varna - Burgas	Ordinary road	rehabilitation	18	2005	3.5		ISPA, EIB, national budget
5.	Corridor 8 Kjustendil - Sofia	Ordinary road	rehabilitation	18	2005	6.5		ISPA, EIB, national budget
6.	Corridor 4 Motorway "Ljulin"	Motorway	New construction	30	2005	174		ISPA, national budget
B. MEDIUM-TERM PROJECTS (UP TO 2015)								
1	Motorway "Trakia" Lot 2, 3, 4	Motorway	New construction	30		288		
2	Motorway "Marica"	Motorway	New construction	30		300		
C. PROJECTS BEYOND 2015								
1.	Motorway "Cernomore"	Motorway	New construction	30		600		

China

No information on investment activities was received from the country.

Information from the Asian Highway Database: China has approximately 26,700 kilometres of Asian Highway routes.

Table 1: Condition of Asian Highway routes in China

AH route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH1	Dandong – <u>Shenyang</u> – <u>Beijing</u> – Shijiazhuang – Zhengzhou – Xinyang – Wuhan – Changsha – <u>Guangzhou</u> (– Shenzhen) – <u>Nanning</u> – Youyiguan	2,075	74	2,378	0	0	4,527
AH3	Erlanhot – Beijing – Tanggu	811	489	3,191	0	81	4,572
AH5	<u>Shanghai</u> – Hangzhou – Nanchang – Changsha – Guiyang – Kunming – Jinghong (– Daluo) – Mohan	99	0	1,764	0	0	1,863
AH5	Urumqi – Kashi – Honqiraf	1,548	0	3,267	0	0	4,815
AH6	<u>Shanghai</u> – Nanjing – Xinyang – Xi'an – Lanzhou – Urumqi – Kuitun – Jinghe – Horgos	590	0	933	0	0	1,523
AH14	Suifenhe – <u>Harbin</u> – <u>Qiqihar</u> – <u>Manzhouli</u>	434	0	709	168	0	1,311
AH31	Hekou – Kunming – Ruili	665	0	806	0	0	1,471
AH32	<u>Heihe</u> – Harbin – Changchun – <u>Shenyang</u> – Dalian	84	0	888	325	10	1,307
AH33	Quanhe – Hunchun – <u>Changchun</u> – Arshan	324	0	251	0	0	575
AH34	<u>Harbin</u> – Tongjiang	283	0	750	0	0	1,033
AH42	<u>Lianyungang</u> – Zhengzhou – Xi'an	0	0	2,199	0	694	2,893
AH61	<u>Lanzhou</u> – Xining – <u>Golmud</u> – <u>Lhasa</u> – Zhangmu	0	0	0	150	0	150
AH65	Kashi – Turgat	0	0	0	175	0	175
AH67	Kashi – Yi'erkeshitan	0	0	110	280	0	390
AH68	Kuitun – Baketu	0	0	0	94	0	94
	Total	6,913	563	17,246	1,192	785	26,699
	<i>Percentage</i>	<i>25.9%</i>	<i>2.1%</i>	<i>64.6%</i>	<i>4.5%</i>	<i>2.9%</i>	<i>100.0%</i>

F. Georgia (country report)

ANNEX 8:

ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

No	Name and Location	Transport mode	Type of project ⁱ	Project status ⁱⁱ	Expected starting date	Expected completion date	Project cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
Batumi Port		Maritime							
1.	Completion of the containerized terminal	Maritime	construction		2004	2006	17,1		
2.	Rehabilitation and purchase of port tap	Maritime	construction		2004	2009	30,5		
3.	Rehabilitation and purchase of the port fleet	Maritime	construction		2005	2009	13,4		
4.	Rehabilitation of fluid and dry quay	Maritime	reconstruction		2004	2005	2,1		
5.	Construction of storage facilities	Maritime	construction		2005	2006	1,8		
6.	Construction of complex transformer of electro sub-station	Maritime	construction		2005	2006	0,5		
7.	Rehabilitation of passenger terminal	Maritime	reconstruction		2005	2006	14,3		
8.	Construction of new dry cargo berths	Maritime	construction		2008	2012	79,7		
9.	Creation of communication and information centre	Maritime	reconstruction		2005	2005	3,0		
	Total						162,4		
Poti Port		Maritime							
1.	New containerized terminal in the zone of extensive development	Maritime (Containerized Transfers)	New construction	Projecting and construction	2005	2010	155,0		
2.	Rehabilitation of the south breakwater	Maritime	Reconstruction	Construction	2004	2006	26,0		

3.	Building of oil pier (berth No16)	Maritime	New construction	Projecting and construction	2005	2006	7,4		
4.	Building of drain terminal (berth No14)	Maritime	New construction	Projecting and construction	2004	2005	11,5		
5.	Terminal for trans-shipment of liquid gas (No17)	Maritime	New construction	Projecting and construction	2006	2006	3,5		
6.	Trans-shipment complex of liquid oil-products	Maritime	New construction (Second phase)	Projecting and construction	2003	2004	20,0		
7.	Setting the deep-water manoeuvre zone at the entrance channel and in the aquatory	Maritime	Reconstruction	Projecting and construction	2006	2007	2,5		
Road Transport									
1.	World Bank Credit No3357GE	Road Transport	Rehabilitation	Under Construction	2000	2004	55,0		World Bank:73% Govt. of Georgia – 17%
2.	Kuwaiti Fund Credit No589	Road Transport	Rehabilitation	Under Construction	2000	2004	24,2		Kuwaiti Fund:68% Govt. of Georgia – 32%
3.	KfW – Road Component	Road Transport	Rehabilitation	Planning	2004	2005	3,0		KfW :83% Govt. of Georgia – 17%
4.	World Bank Credit	Road Transport	Rehabilitation	Planning	2005	2009	26,0		World Bank: 7% Govt. of Georgia – 23%

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

No.	Name and Location	Transport mode	Type of project ⁱⁱⁱ	Duration of project (months)	Expected start date	Estimated cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1	1-st stage realization of Tbilisi-Karsi Railway project	Railway	Reinforcement (of the existing), new construction	60	2006	200		Investments
2	Construction of 2-nd rail on the Dzirula-Kharagauli crossing of Zestafoni-Khashuri area	Railway	Reinforcement	48	2005	28		Investments
3	Construction of overpass in the Gardabani-Samtredia-Poti-Batumi area	Railway	New construction	60	2004	30		Investments
4	Reinforcement of Gardabani-Samtredia-Poti-Batumi area	Railway	Rehabilitation	84	2004	182,4		Investments
5	Equipment of rail management with modern machinery	Railway	Re-equipment	48	2005	48		Investments
6	Construction of "Ponichala HPP" on the Mtkvari river	Railway	New construction	36	2006	22,8		Investments
7	Construction of HPP cascades on the Bakhvistkala river	Railway	New construction	48	2005	16		Investments
8	Reinforcement of the energy provision management	Railway	Improvement	60	2005	10,3		Investments
9	Reinforcement of passenger management	Railway	Improvement	48	2005	17,0		
10	Reinforcement of traffic safety management	Railway	Improvement	36	2005	7,4		
11	Wagon management reinforcement	Railway	Improvement	48	2005	11,5		
12	Reinforcement of commercial management	Railway	Improvement	24	2005	2,0		
13	Traffic Management Construction of wagon stop parks, rehabilitation of marshalling yard, stations' development, development of Poti and Batumi railway links, construction of control center	Railway	Reinforcement	72	2004	81,8		
14	Re-equipment of locomotive management and its provision with modern mechanisms	Railway	Reinforcement	48		10,5		
15	Improvement of signalization and communication management: - construction of fiber-optic lines and implementation of digital communication	Railway	Improvement	60	2005			

	systems; - Construction of digital automatic telephone station; - Implementation of train radio-communication system; - Arrangement of automatic block system in Gardabani-Samtredia-Poti-Batumi area.					12,0 2,5 0,7 10,3 Total: 25,5		
Batumi Port								
16	Completion of the containerized terminal	Maritime	Construction	24	2004	17,1		
17	Rehabilitation and purchase of port tap	Maritime	Construction	60	2004	30,5		
18	Rehabilitation and purchase of the port fleet	Maritime	Construction	48	2005	13,4		
19	Rehabilitation of fluid and dry quay	Maritime	Reconstruction	12	2004	2,1		
20	Construction of storage facilities	Maritime	Construction	12	2005	1,8		
21	Construction of complex transformer of electro sub-station	Maritime	Construction	12	2005	0,5		
22	Rehabilitation of passenger terminal	Maritime	Reconstruction	12	2005	14,3		
23	Creation of communication and information centre	Maritime	Reconstruction	12	2005	3,0		
Poti Port								
24	New containerized terminal in the zone of extensive development	Maritime (Containerized Transfers)	New construction	60	2005	155,0		
25	Rehabilitation of the south breakwater	Maritime	Reconstruction	24	2004	26,0		
26	Building of oil pier (berth No16)	Maritime	New construction	12	2005	7,4		
27	Building of drain terminal (berth No14)	Maritime	New construction	12	2004	11,5		
28	Terminal for trans-shipment of liquid gas (No17)	Maritime	New construction	12	2006	3,5		
29	Trans-shipment complex of liquid oil-products	Maritime	New construction (Second phase)	12	2003	20,0		
30	Setting the deep-water manoeuvre zone at the entrance channel and in the aquatory	Maritime	Reconstruction	12	2006	2,5		
B. MEDIUM-TERM PROJECTS (UP TO 2015)								
1	Construction of united border crossing point in Gardabani and ASadakhlo stations	Railway	New construction	48	2011	20,5		
2	Construction of the 2-nd rail in Samtredia-Senaki-Poti area	Railway	Reinforcement	84	2008	65,0		
3	Poti-Supsa single rail line	Railway	Reinforcement	60	2010	32,5		Investments
Batumi Port								
4	Construction of new dry cargo berths	Maritime	Construction	48	2008	79,7		
Poti Port								

5	Terminal for oil products	Maritime	New Construction			250,0		
6	Terminal for liquid gas	Maritime	New Construction			50,0		
7	Free economic zone	Maritime	New Construction			30,0		
8	Terminal for Ro-Ro and general cargo	Maritime	New Construction			100,0		
9	Breakwater	Maritime	New Construction			70,0		
10	Bottom deepening works in the aquatory	Maritime	New Construction			75,0		
11	Motorcar ways and r/w lines for general use	Maritime	New Construction			50,0		
12	Engineering communications	Maritime	New Construction			50,0		
C. PROJECTS BEYOND 2015								
1	Realization of Tbilisi-Karsi Railway (2-nd phase)	Railway	New construction	84	2015	600		Investments
2	Construction of 2-nd rail in Batumi-Samtredia area	Railway	Reinforcement	60	2015	99,3		Investments
3	Major reconstruction of Zestafoni-Khashuri trans-shipment area	Railway	New construction	84	2015	630		Investments

G. Islamic Republic of Iran

List of priority investment projects (from country report):

1. Qazvin – Saveh Highway (AH1)
2. Khorramabad – Ahvaz Highway (AH8)
3. Sirjan – Bandar Abbas Highway (AH70)
4. Bazargan – Tabriz Highway (AH1)
5. Nourdouz – Jolfa – Eyvoghli Highway (AH81 and AH 82)
6. Mashhad – Dogharoun Highway (AH1) – under construction
7. Astara (and Anzali Port) – Rasht – Qazvin Railway
8. Fahraj – Chabahar Railway
9. Fahraj – Zahedan – Mirjaveh Railway – under construction
10. Rajae port development in Bandar Abbas Port
11. Beheshti port development in Chabahar.

Information from the Asian HighwayDatabase: Table 1 outlines the Asian Highway routes in the Islamic Republic of Iran and their current condition. All the Asian Highway routes in the Islamic Republic of Iran meet the minimum standards.

Table 1: Condition of Asian Highway Routes in the Islamic Republic of Iran

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH1	Dogharun – Mashhad – Sabzevar – Damghan – Semnan – Tehran – Qazvin – Tabriz – Iveoqlu – Bazargan	381	212	1,510	0	0	2,103
AH2	Mirjaveh –Zahedan – Kerman – Anar – Yazd – Tehran – Saveh – Hamadan – Khosravi	221	161	1,887	0	0	2,269
AH8	Astara – Rasht – Qazvin – Tehran – Saveh – Ahwaz – Bandar Emam	0	226	916	0	0	1,142
AH70	Inche Boroun – Gorgan – Sari – Semnan – Damghan – Yazd – Anar – Bandar Abbas	0	22	1,368	0	0	1,390
AH71	Milak – Zabol – Dashtak	0	0	162	0	0	162
AH72	Tehran – Qom – Esfahan – Shiraz – Bushehr	150	446	560	0	0	1,156
AH75	Sarakhs – Mashhad – Birjand – Nehbandan – Dashtak – Zahedan – Chabahar	0	0	1,751	0	0	1,751
AH78	Bajgiram – Quchan – Sabzevar – Kerman	0	0	1,033	0	0	1,033
AH81	Border of Azerbaijan – Jolfa	0	0	1	0	0	1
AH82	Nour Douz – Jolfa – Eyvoghli	0	0	146	0	0	146
Total		752	1,067	9,334	0	0	11,153
Percentage		6.7%	9.6%	83.7%	0.0%	0.0%	100.0%

Table 2: Investment in Asian Highways in the Islamic Republic of Iran

AH route	Section of Highway	Length, km	(US\$, m)	Funding Source	Work Type
AH1	Dagharun-Torbat_e_Jam-Fariman-Baghcheh	214.0	2.6	Govt.	Upgrade
AH1	Baghcheh-Sabzewar	177.0	22.3	Govt.	Upgrade
AH1	Sabzewar-Semnan	136.0	14.2	Govt.	Upgrade
AH1	Zanjan-Tabriz	285.0	177.2	Govt.	Upgrade
AH1	Tabriz-Bazargan	160.0	8.9	Govt.	Upgrade
AH2	Kerman-Baad (near Ardestan)	500.0	50.9	Govt.	Upgrade
AH2	Saveh-Hamedan	176.0	17.7	Govt.	Upgrade
AH2	Hamedan-Khosravi	184.0	32.7	Govt.	Upgrade
AH70	Damghan-Yazd	455.0	38.5	Govt.	Upgrade
AH70	Anar-Sirjan-Bandar_e_Abbas	535.0	19.7	Govt.	n.p.
AH72	Esfahan-Shiraz-Bushehr	503.0	60.5	Govt.	new construction
AH75	Sarakhs-Mashhad	145.0	6.2	Govt.	rehabilitation
AH75	Baghcheh-Torbat_e_Heydarieh	127.0	5.9	Govt.	n.p.
AH75	Zahedan-Iranshahr	335.0	20.3	Govt.	rehabilitation
AH75	Iranshahr-Bandar Chabahar port	355.0	51.5	Govt.	new construction
AH78	Bajgiran (Border with Turkmenistan)-Quchan	77.0	11.5	Govt.	new construction
AH78	Bardeskan-Bajestan	80.0	8.7	Govt.	new construction
AH78	Ferdows-Deihook-Nayband	210.0	3.2	Govt.	Upgrade
AH8	Astara-Rasht	182.0	23.2	Govt.	Upgrade
AH8	Rasht-Qazvin	150.0	51.5	Govt.	Upgrade
AH8	Arak ring road	50.0	6.8	Govt.	new construction
AH8	Mohajeran-Tureh	20.0	3.3	Govt.	Upgrade
AH8	Khomam Abad to Pol-e-zal	104.0	9.5	Govt.	Upgrade
AH8	Ahvaz ring road	30.0	9.5	Govt.	new construction
AH8	Ahvaz to Bendar-e-Ern timer	92.0	18.1	Govt.	Upgrade
AH82	Jolfa (Border with Azerbaijan)-Eyvoghli	92.0	2.1	Govt.	new construction
TOTAL		5,374.0	676.6		

H. Kazakhstan (country report)

TABLE 8: ONGOING AND PLANNED INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

№	Name and location	Transport mode	Type of project	Project status	Duration of project (months)	Expected completion date	Project cost (US\$)	IRR value	Expected funding sources (and % if more than one)
1	Khromtau-Altynsarin	Railway	New construction	Ongoing project	2001	2005 год	244,7	IRR – 8,3%	JSC «NC «KTZ»; republican budget
2	Yeralievo - Kuryk	Railway	New construction	Planning stage	2004	2005 год	4,7	IRR – 10%	JSC «NC «KTZ»
3	Rehabilitation of the motorway Almaty – Gulshad on the sections Almaty – Gulshad, Akchatau – Karagandy	Road	Rehabilitation	Period of responsibility	55	2005	135,7		RK -30%, IBRD - 70%
4	Reconstruction of the passage through Karagandy	Road	Reconstruction	Reconstruction stage	24	2004	12,5		RK - 100%
5	Rehabilitation of the motorway Karagandy-Astana	Road	Reconstruction	Period of responsibility	39	2004	64,08		1.Astana-Vishnyevka IBD – 100%, RK – VAT. 2. Vishnyevka-Osakarovka Saud Fund of Development – 100%, RK – VAT 3. Osakarovka-Karagandy Development Fund of Abu-Dabi – 71.26%, RK – 28,8% 100%, РК-НДС.
6	Reconstruction of the highway network in Western Kazakhstan	Road	Reconstruction	Rehabilitation stage	48	2006	280,7		ЯМБС- 41%, РК-59%.
7	Project on developing of the highway system (Almaty-Bishkek)	Road	Reconstruction	Rehabilitation period	38	2006	105,8		1.Almaty-Uzunagash EBRD – 85%, RK – 15%+VAT 2.Uzunagash-Georgiyevka ABD – 69%, RK – 31%.
8	Reconstruction of the motorway Aktau - Atyrau	Road	Reconstruction	Reconstruction period	48	2008	42,4		EBRD-85%, RK-15%+VAT.

9	Reconstruction of the motorway Astana-Kostanai-Chelyabinsk	Road	Reconstruction	Reconstruction period	84	2008	239,7		RK - 100%
10	Reconstruction of the motorway Omsk-Pavlodar-Maikapchagai	Road	Reconstruction	Preparatory works	84	2008	349,2		RK - 100%
11	Reconstruction of the motorway Borovoye-Kokshetau-Petropavlovsk-border of RF	Road	Reconstruction	Preparatory works	72	2008	123,9		RK - 100%
12	Reconstruction of the motorway border of the RF – Uralsk – Aktobe	Road	Reconstruction	Reconstruction stage	72	2007	142,0		RK - 100%
13	Reconstruction of the motorway Karabutak – Irghiz – border of Kyzylordinskaya oblast	Road	Reconstruction	Reconstruction stage	72	2007	68,6		RK - 100%
14	Reconstruction of the motorway Kyzylorda – Zhezkazgan – Pavlodar – Uspenka –border of the RF	Road	Reconstruction	Preparatory works	84	2008	103,1		RK - 100%
15	Reconstruction of the motorway Usharal - Dostyk	Road	Reconstruction	Preparatory works	60	2006	30,9		RK - 100%
16	Reconstruction of the motorway border of Uzbekistan – (towards Tashkent) – Shymkent – Taraz – Almaty - Khorgos	Road	Reconstruction	Preparatory works	60	2008	162,5		RK - 100%
17	Reconstruction of the motorway samara – Shymkent – on the section of the border of Aktyubinskaya oblast – Kyzylorda – Shymkent	Road	Reconstruction	Preparatory works	60	2008	193,8		RK - 100%
18	Reconstruction of the motorway Beineu – Akzhighit – border of Uzbekistan	Road	Reconstruction	Reconstruction stage	72	2007	26,9		RK - 100%
19	Reconstruction of the motorway Almaty – Ust-Kamenogorsk	Road	Reconstruction	Preparatory works	60	2008	363,2		RK - 100%

TABLE 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

№	Name and location	Transport mode	Type of project	Duration of project (months)	Expected start date	Estimated cost (million US\$)	IRR value	Expected funding sources (and % if more than one)
A. Short-term projects (up to 2010 года)								
1.	Construction and reconstruction of Astana – Borovoye highway	Road	New construction and reconstruction	48	2005	222,5		Republican budget
2.	Project research works	Road	Для последующей реконструкции	48	2005	12,8		Republican budget
Medium-term projects (up to 2015)								
3.	Construction of TransKazakhstan railway	Railway	New construction	60	2006 год	3 500	IRR – 13,07%	Loan means – 82% Own means – 18%

I. Kyrgyzstan

No information on investment activities was received from the country.

Information from the Asian Highway Database:

Table 1: Condition of Asian Highway Routes in Kyrgyzstan

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH5	Georgievka – Bishkek – Kara Balta – Chaldovar	0	0	92	34	0	126
AH7	Chaldovor – Kara Balta – Osh – Border of Uzbekistan	0	0	68	367	191	626
AH61	Torougart – Naryn – Bishkek – Georgievka	0	0	120	110	309	539
AH65	Irkeshtam – Sary Tash (– Osh) – Karamyk	0	0	184	0	220	404
	Total	0	0	464	511	720	1,695
	Percentage	0.0%	0.0%	27.4%	30.1%	42.5%	100.0%

Investment in the Asian Highway :

Table 2. Investment in Asian Highways in Kyrgyzstan

AH route	Section of Highway	Length, km	\$m (USD)	Funding Source	Work Type	Phase	Completion
AH7	Bishkek-Osh rehabilitation	72.0	-	np	rehabilitation		
AH7	Uzgen – Osh	52.0	40.0	ADB	rehabilitation		
AH7	Jalalabad-Uzgen and Madaniyat bypass	52.4	10.1	IDB, Govt of Kyrgyzstan	rehabilitation		
AH7	Taraz-Talas-Suusamyr road	190.0	50.7	IDB	rehabilitation	planned	n.p.
AH5	Bishkek-Georgievka road to border of Kaz, Bishkek bybass	28.0	5.0	ADB	rehabilitation		
	Bishkek-Torugart	n.p.	189.0	n.p.	rehabilitation	planned	n.p.
	Kalakol-Balykchi-Tuyup-Kegen	n.p.	63.0	n.p.	rehabilitation	planned	n.p.

J. Moldova

No information on investment activities was received from the country. This table is under preparation.

K. Romania (country report)

ANNEX 8: ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN LINKAGES

No.	Name and Location	Transport mode	Type of project	Project status	Expected starting date	Expected completion date	Project cost (milUS\$)	IRR Value	Expected funding sources (and % if more than one)	
									Ro. Gov.	IFI
1	Lugoj-Timisoara km 500+400 - km 552+600	road	rehabilitation	ongoing	2003	Iulie 2005	33,835	21,4	6,66	93,34 JBIC
2	Timisoara By-pass DN 6-km 546+076 - DN 69-km 6+430	road	rehabilitation	ongoing	2003	Iulie 2005	20,820	17	6,66	93,34 JBIC
3	Drobeta Turnu Severin - Lugoj (km 332+150 - km 495+800)	road	rehabilitation	ongoing	2004	Sept 2007	184,016	14,75	25	75 ISPA
4	Ciochiuta-Tn. Severin (km 298+000-km 332+150)	road	rehabilitation	ongoing	2003	Sept 2005	22,149	15,5	25	75 ISPA
5	Filiasi-Ciochiuta (km268+390-km 298+000)	road	rehabilitation	ongoing	2003	Aprilie 2005	21,484	15,5	25	75 ISPA
6	Craiova-Filiasi (km 233+200-km 268+390)	road	rehabilitation	ongoing	2003	Iulie 2005	40,471	15,5	25	ISPA
7	Craiova By-pass DN 65-km 6+000 - DN 6-km 234+400	road	rehabilitation	ongoing	2003	Februarie 2006	17,501	16,13	7,20	92,80 JBIC
8	Widening to 6 lanes of the existing overpass Otopeni including ramps, NR1 km 12+384	road	rehabilitation	ongoing	2004	Aprilie 2005	4,930	27,5	40	60 BIRD
9	Widening to 6 lanes, NR 1km 12+845-km 16+087	road	rehabilitation	ongoing	2004	Iunie 2005	7,704	27,5	40	60 BIRD
10	New overpass at Otopeni Airport NR1-km 16+087 la km 17+165	road	rehabilitation	ongoing	2004	Iunie 2005	7,848	27,5	40	60 BIRD
11	Traffic improvement on NR 24 ;By-pass Tecuci	road	rehabilitation	ongoing	2003	Iunie 2004	3,220	17	25	75 PHARE 2001 SIF
12	Widening to 4 lanes NR5 Adunatii Copaceni-Giurgiu (km 23+200-km	road	rehabilitation	ongoing	2001	Iunie 2005	33,785	17.8	34	66 ISPA 4R14

	59+100)									
13	By-pass Adunatii Copaceni and rehabilitation of the existing road in Adunatii Copaceni	road	rehabilitation	ongoing	2001	Iunie 2005	4,807	14,8	34	66 ISPA BPO 1

MOTORWAYS

No.	Name and Location	Transport mode	Type of project	Project status	Expected starting date	Expected completion date	Project cost (milUS\$)	IRR Value	Expected funding sources (and % if more than one)	
									Ro. Gov.	IFI
1	Bucharest – Fundulea	road	Motorway construction	Under exploitation	2001	June2004	73,81	15	20	80 BEI
2	Fundulea – Lehliu	road	Motorway construction	Under exploitation	2001	June2004	97,39	15	20	80 BEI
3	Lehliu – Drajna	road	Motorway construction	ongoing	2001	Nov 2004	107,95	15	20	80 BEI
4	Drajna – Fetesti	road	Motorway construction	ongoing	2003	Dec.2006	64,43	11,44%	25	75 ISPA
5	Fetesti – Cernavoda	road	Motorway construction	ongoing	2004	June2005	31,74	11,44%	25	75 ISPA
6	By-pass Pitesti	road	Motorway construction	ongoing	2004	June2007	113,83	9,34	35	65 BER D
7	By-pass Sibiu	road	Motorway construction	ongoing	2003	Oct.,2006	97,20	20,25%	20,16	CEI/ SPA

Romania (cont.)

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

SHORT-TERM PROJECTS(Up To 2010)

No	Name and Location	Transport mode	Type of project	Duration of project(month)	Expected start date	Estimated start (milUS\$)	IRR Value	Expected funding sources (and% if more than one)
1	Craiova-Calafat (km 0+000 - km 84+020)	road	rehabilitation	36	2005	95,000	16,5	*
2	Alexandria-Craiova (km 89+750 - 227+810)	road	Rehabilitation	36	2005	95,000	***	**
3	Lugoj-Ilia-DN68A	road	Rehabilitation	36	2005	80,277	***	**
1	Nadlac-Arad	road	Construction of new motorway	36	2007	147,40	18,00	45-GUV. 55-Cohesion Funds
2	Arad-Timisoara	road	Construction of new motorway	36	2004	200,00	18,00	45-Ro Gov 55-BEI
3	Timisoara –Lugoj	road	Construction of new motorway	36	2005	124,00	18,00	45- Ro Gov 55-BEI
4	Lugoj-Deva	road	Construction of new motorway	36	2004	342,00	18,00	50-Deutsche Bank 50- Cohesion Funds
5	Deva-Sibiu	road	Construction of new motorway	36	2005	669,00	17,40	PPP- 45-BEI; 55-BERD
6	By-pass Deva	road	Construction of new motorway	36	2005	108,00	16,10	25- Ro Gov 75-ISPA
7	By-pass Orastie	road	Construction of new motorway	18	2005	44,70	19,04	25- Ro Gov 75-ISPA
8	By-pass Sebes	road	Construction of new motorway	18	2005	38,80	12,45	PPP- 45-BEI; 55-BERD
9	Cernavoda-Constanta	road	Construction of new motorway	36	2005	142,00	16,00	45- Ro Gov 55-CREDITE
10	By-pass Conatanta	road	Construction of new motorway	36	2005	100,00	16,00	45- Ro Gov 55-Loan

* after the loan contracts with EIB will be signed in June 2005

** actually, the financing is not provided. EIB Mission is expected in June 2005. At that time the conditions of new Loan Agreement will be negotiated – EIB IV

*** FS- under elaboration

1.1.1 PROJECTS UNDER PUBLIC-PRIVATE PARTNERSHIP

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES

No.	Name and Location	Transport mode	Type of project	Duration of project (months)	Expected start date	Estimated cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1	Bucharest-Ploiesti Motorway *	Road	Construction of new motorway	52	The second trimester of 2005	390.788		PPP
2	Comarnic-Predeal Motorway *	Road	Construction of new motorway	36	The second trimester of 2005	398.025		PPP
3	Predeal-Brasov Motorway *	Road	Construction of new motorway	36	The second trimester of 2005	218.311		PPP
4	Sibiu-Deva Motorway **	Road	Construction of new motorway	36	The first trimester of 2006 (forecast)	807.565		PPP
C. PROJECTS BEYOND 2015								
5	Ploiesti-Sculeni Motorway ***	Road	Construction of new motorway	192	The first trimester of 2006 (forecast)	2,955.031		PPP

Observations: * proposal for the northern branch of the European Corridor IV

** part of the European Corridor IV

*** only the sector Ploiesti-Marasesti of the Ploiesti-Sculeni Motorway it's part of the European Corridor IX

J. Russian Federation

Please see country report for detailed chapter on investment activities on the Transsiberian and North-South Corridors (pp 10 – 17).

K. Tajikistan

No information on investment activities was received from the country.

Information from the Asian Highway Database: Table 1 outlines the Asian Highway routes in Tajikistan.

Table 1: Condition of Asian Highway Routes in Tajikistan

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH7	Border of Uzbekistan – Chavast – Dushanbe – Nizhniy Panj			126	0	370	496
AH65	Border of Kyrgyzstan – Vakhdat – Dushanbe – Tursunzade			163	178	92	433
AH66	Kulma Pass – Khorugh – Kulob – Vakhdat			0	425	570	995
AH7	Border of Uzbekistan – Chavast – Dushanbe – Nizhniy Panj			126	0	370	496
	Total	0	0	289	603	1,032	1,924
	Percentage	0.0%	0.0%	15.0%	31.3%	53.6%	100.0%

Investment in the Asian Highway: This table is still being developed.

L. Turkey (country report)

Annex 8 Ongoing and Planned Transport Infrastructure Projects on Euro -Asian Links

No	Name and Location		Transport Mode	Type of Project	Project Status	Starting date	Expected completion date	Estimated cost (US\$)	IRR Value	Funding Sources (and % if more than one)
1	Sarp Border Gate	Hopa	Road	Upgrading	Under construction	1977	2009	2190523691	na	Loan+National Budget
	Hopa	Ardeşen	Road							
	Ardeşen	Rize	Road							
	Rize City Passage		Road							
	Rize	Of	Road							
	Of	Trabzon	Road							
	Trabzon	Akçaabat	Road							
	Akçaabat	Giresun	Road							
	Giresun	Piraziz	Road							
2	Piraziz	Ünye	Road	Upgrading	Under construction	1992	2006	456172070	na	Loan
	Ünye	Çarşamba	Road	Upgrading	Under construction	1992	2007	114403840	na	Loan
4	Samsun	Kavak	Road	Upgrading	Under construction	1997	2006	110972569	na	National Budget
5	Kavak	Merzifon	Road	Upgrading	Under construction	2001	2007	192311671	na	Loan
6	Koyulhisar	Niksar Junct	Road	Upgrading	Under construction	1992	2006	34912718	na	National Budget
7	Niksar Junct.	Amasya	Road	Upgrading	Under construction	1992	2006	27369077	na	National Budget

1 US \$ = 1 604 000 TL

**ANNEX 8:
ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES**

No	Name and Location	Transport mode	Type of project	Project status	Expected starting date	Expected completion date	Project cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
1	Ankara-Istanbul Rehabilitation of the Existing Line	Rail	Rehabilitation	Under construction	June 8, 2003	End of 2005	First phase of the project, Ankara-Eskisehir (Esenkent-Inonu), 206 km in length and with a cost of 437 Million EURO under construction in conformity with an operational speed of 250 kph. Second phase of the project, Eskisehir-Gebze (Inonu-Kosekoy), 157 km in length and with a cost of 701 Million EURO, is on the way to being tendered as final drawings have been completed.		37% Spanish Government loan 37 % Spanish export credit 26 % Commercial credit
2	Bosphorus Rail Tunnel Crossing & Rehabilitation of Gebze-Halkalı Railway Line	Rail	New construction and rehabilitation	Under construction	May 09, 2004	2008	823 million US \$ for tube tunnel 700 million US \$ for rehabilitation of rail lines 1 billion US \$ for rail vehicles		JBIC EIB Joint venture between AffiliateCorporations of TCDD and foreign companies
3	Ankara-Istanbul High-Speed Railway	Rail	New construction		-	-	2.4 billion \$		

	Construction								
4	<u>Ankara- Sivas</u> New Railway Construction	Rail	New construction	Feasibility and design study will be completed in 2005	-	-			
5	<u>Kars-Tblisi</u> New Railway Construction	Rail	New construction 124 km (92 km in Turkish, 32 km in Georgian territory)		-	-	US \$ 463 m		
6	<u>Lake Van Northern Crossing</u>	Rail	New construction	Design study completed			795 million US \$		
7	<u>Ankara-Polatli- Afyon-İzmir</u> Project	Rail	New construction	Feasibility and design study will be completed in 2005					
8	Samsun-İskenderun	Rail	New construction and rehabilitation				US \$ 7.3 billion (including vehicles)		
9	Rehabilitation of the Port of Derince	Port	Rehabilitation	Reconstruct ion of the collapsed sheds and rehabilitatio n of the back area which were heavily damaged during the August 17, 1999			Euro 34 million		EIB

10	Modernization of facilities at İzmir port and dredging in İzmir Bay	Port	Dredging and Rehabilitation	Rebidding process is going on	2005-		US \$ 200 million		BOT
11	Construction of second container terminal at Mersin Port	Port	Construction of container terminal	Preparation of feasibility and environmental assessment report will be completed in 2005	2005-				
12	Construction of container terminal at İskenderun Port	Port	Construction of container terminal	Preparation of feasibility and environmental assessment report will be completed in 2005			US \$ 250 million		BOT

M. Turkmenistan

1. Information from county

No information was received from the country.

2. Information from other sources

Asian Highway

1. The Asian Highway in Turkmenistan: Table 1 outlines the Asian Highway routes in Turkmenistan.

Table 1: Condition of Asian Highway Routes in Turkmenistan

AH Route	Itinerary	Class					Total
		P	I	II	III	Below III	
AH5	Farap – Turkenabat – Mary – Tejen – Ashgabat – Serdar – Turkemenbashi				1,227	0	1,227
AH70	Bekdash – Turkmenbashi – Serdar – Guduroolun				475	24	499
AH75	Tejen – Sarahs				120	0	120
AH77	Tourghondi – Serkhetabat – Mary				315	0	315
AH78	Ashgabat – Chovdan Pass				43	0	43
	Total	0	0	0	2,180	24	2,204
	<i>Percentage</i>	<i>0.0%</i>	<i>0.0%</i>	<i>0.0%</i>	<i>98.9%</i>	<i>1.1%</i>	<i>100.0%</i>

Investment in the Asian Highway: This table is still being developed.

N. Ukraine (country report)

Annex 8: Ongoing and planned transport infrastructure projects on Euro-Asian transport linkage

№	Name and location	Technical characteristics					Project cost (millions US)	IRR Value	Expected funding sources (and % if more than one)
		Transport mode	Type of project	Project status	Expected starting date	Expected completion date			
1	"Development of Ukrainian rails"	rail	Purchase of modern track technique for modernization and maintenance of track at section Lvov - Schmerinka-Kiev	Credit	2001-2004	2004	92,57 (EBDR – 51,88, Ukrzaliznitsya - 39,26, Tacis – 1,43)	Loan is given in US \$ with standard interest rate, maturity of loan - 15 years	EBDR – 60%, Ukrzaliznitsya – 40%
2	"High-speed passenger traffic at Ukrainian rails"	rail	Building of Beskidskiy tunnel (Pan-European transport corridor №5); passenger's coaches purchase; track technique purchase.	Initialization	2004-2008	2008	200 (EBPP - 120, Y3 - 80)	Loan will be given in US \$ with standard interest rate, maturity of loan - 15 years. Grace period - 3 years for A tranche, 4 years for B tranche.	EBDR – 60%, Ukrzaliznitsya – 40%

1.	Pan-European transport corridor № 3 "Dnipro-Visla -Oder" (including Dnipro deep-way (Dnipro mouth -Pripiyat mouth) -1000 km, Pripiyat- Dnipro-Bygskiy channel - Western Byg untill the Western Byg flows into the Visla - 1026 km; Visla waterway - Budgoschuskiy channel -Odra - 554 km.	inland water transport	Inclusion inland Ukrainian waterways at united inland water system of EU.	Project exploration	–	–	–	–	–
2.	Pan-European transport corridor № 9, "North - South" "Western Dvina (Dyagava) -Dnipro"	inland water transport	Development of Ukrainian water connections with Byelorussia, Baltic countries, Russian north-west regions and north European countries. It's alternative to existed route between countries of Baltic region and Black sea region, West Asia and the Middle East, and to developed route through Russia	Project exploration	–	–	751 (Ukrainain territory)	–	Attraction investments of EBDR, European countries and domestic investors.
3.	Pan-European transport corridor № 7	inland water transport	Creation of independent well-provided navigable channel from Black sea to Dynai. It's alternative to Sylinskiy channel.	Projection stage	–	–	156.25	–	1. Budget financing (for the first stage); 2. Following self-financing (at the expense of earned money)
	Rein-Main-Dynai "Dynai - Black Sea"								

4	Deep-water navigable Dynai and Black sea connection (Dynai mouth reach at the territory of Ukraine, Odesskiy region).	inland water transport	Creation of reliable deep-water Dynai and Black sea connection.	-	3 years	1 stage (one-way shipping, navigable pass depth - 5,5 m.) - 2004, 2 stage очередь (one-way shipping, project profiles) -2007	24,9 millions US \$	-	State budget - 6,9 millions US \$ (28%) EBDR credit - 18 millions US \$ (72%)
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Annex 9: New proposed transport infrastructure projects on Euro-Asian transport linkages.

№	Name and Location	Технические характеристики				Estimated cost (million US \$)	Величина внутренней нормы возврата	Expected funding sources (and % if more than one)
		Transport mode	Duration of project (month)	Duration of project (month)	Expected start date			
	Trade port Illichevsk, multimodal terminal	sea transport, motor transport, rail transport	reconstruction of access road to Illichevsk port multimodal terminal and construction of platform for multi-row two-way road traffic in front of entry/exit to/from border point.		2006	1,5	0	Intergovernmental programme Tacis-TRACECA UN
			building of contiguity access road from multimodal terminal to motorway Illichevsk-Odessa with road junction without intersection of counter traffic					
			equipment of a Illichevsk port multimodal terminal control point with modern high-performance and highly productive communications and control facilities for registration of passengers, baggage, vehicles, coaches and goods.					
			setting of intruder alarm and telemetric control facilities for registration zones, parking places, warehouses at Illichevsk port multimodal terminal					
			PC working places equipping and creating of united network, including e-mail, which will unite all organisations who deal with checking in and registration of passengers, baggage, goods and traffic.					

O. Uzbekistan (country report)

ANNEX 8: ONGOING AND PLANNED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES²⁵

No.	Name and Location	Transport mode	Type of project ²⁶	Project status ²⁷	Expected starting date	Expected completion date	Project cost (million US\$)	IRR Value	Exp (an
1	Railroad Modernization (Samarkand-Hodjadavlet)	railroad	Reconstruction of 341 km of railroad, and laying of fiber line	Under construction	2001	2005	155	reduction of maintenance costs	ADB loan - 45 OPEC loan - 3 Funds of Natio
2	Construction of new railroad Tasgguzar-Boysun-Kumkurgan	railroad	Construction of 232 km of railroad, and 68 km of railroad reconstruction	Under construction	1995	2010	447	economy and attraction of additional funds	JICA loan - 35 National budg Funds of Natio
3	Electrification of Tukimachi-Angren railway section	railroad	Electrification of 114 km of railroad line	Under construction	2003	2007	80.626	reduction of maintenance costs	KfW and Kuw Development Funds of Natio
4	Rehabilitation of Marokand-Karshi railroad	railroad	Reconstruction of 139 km of railroad line	Perspective planning	2007	2010	30	reduction of maintenance costs	ADB loan - 67 Funds of Natio
5	Reconstruction of railroad station Termez-Galaba, including bridge through the river Amudarya	railroad	Reconstruction of station and bridge, laying telecommunicational links	Grant Perspective planning	2004	2008	17.8	reduction of maintenance costs	European Uni Islamic Develo Funds of natio
6	Rehabilitation and reconstruction of Samarkand-Termez road (section of Transafghan international transport corridor)	road	Rehabilitation of 152 km of road	Under construction	2002	2005	58.8	Reduction of transportation time; direct access to the Iranian and Pakistan sea ports	JICA grant - 2 Natioanal bud

7	Joint construction and reconstruction of "Ukraine border-Volgograd-Astrahan-Atirau-Beineu-Tashkent" highway (main section of international transport corridor E-40)	road	construction and reconstruction works of the road sections	Under construction	2004	2007	n/a	Development of road infrastructure and application of European standards	National budg
8	Reconstruction and rehabilitation "Kungrad-Jaslik-Beineu" road	road	Feasibility study and reconstruction and rehabilitation works of 500 kms of road	Under construction	2004	2007	n/a	Increase of traffic volume; at the present time existing volume of traffic is about 200 thousand tonnes	European Uni grant; National budg National budg
9	Construction and rehabilitation of Tashkent-Andijan-Osh-Saritash-Irkeshtam-Kashgar road 940 km	road	Rehabilitation works of the road on Kirgizstan territory	Under construction	2004	n/a	n/a	development of road infrastructure of the region and reduction of transportation time	ADB loans China grants National budg National budg
10	Construction of Angren-Pap mountain road	road	Rehabilitation of 125 km of road	Under construction	2004	n/a	n/a	development of road infrastructure and connection of other provinces with central cities of the country	National budg

ANNEX 9: NEW PROPOSED TRANSPORT INFRASTRUCTURE PROJECTS ON EURO-ASIAN TRANSPORT LINKAGES ²⁸

No.	Name and Location	Transport mode	Type of project ²⁶	Project status ²⁷	Expected starting date	Project cost (million US\$)	IRR Value	Expected funding sources (and % if more than one)
A. SHORT-TERM PROJECTS (UP TO 2010)								
1.	Rehabilitation of Marokand-Karshi railroad lines	railroad	Reconstruction of 139 km of railroad lines	n/a	2007	30	reduction of maintenance costs	ADB loan - 67%; Funds of National railroad company - 33%
2.	Reconstruction of railroad station Termez-Galaba, including bridge through the river Amudarya	railroad	Reconstruction of station and bridge, laying telecommunicational links	n/a	2007	17.8	reduction of maintenance costs	European Union Commission grant - 13%; Islamic Development Bank loan - 34%; Funds of national railroad company - 53%
3.	Construction of Uchkuduk (Uzbekistan) - Kizil Orda (Kazakhstan) road	road	construction of road	n/a	2005-2007	n/a		National budget of relevant countries
4.	Construction of customs control complex "Karakalpaliya", which will control rail and road transportation	customs point	to transfer existing "Daut-Ata" customs point to the Uzbek-Kazakh border and to supply with a modern relevant equipment	2004	2006	n/a	harmonization of customs control services	National budget of Uzbekistan
B. MEDIUM-TERM PROJECTS (UP TO 2015)								
1.	Construction of new railroad Angren-Pap	railroad	Construction and electrification of 118 km new railroad line with mountain tunnel	80	n/a	n/a	reduction of maintenance costs	n/a
2.	Reconstruction of Djalalabad-Karasu-Andijan railroad section	railroad	Reconstruction of 79 km of railroad line	n/a	n/a	n/a	reduction of maintenance costs	n/a

3.	Reconstruction of Aktau-Beineu-Kungrad railroad section	railroad	Reconstruction of 700 km railroad section	n/a	n/a	n/a	reduction of maintenance costs	n/a
4.	Modernization of the country customs control complexes and main customs points	customs points	Modernization and supply with a modern equipment	n/a	n/a	n/a	harmonization of customs control services	n/a
