



## CERTIFICAT DE ÎNREGISTRARE

În conformitate cu prevederile Ordonanței de urgență a Guvernului nr. 195/2005 privind protecția mediului, aprobată cu modificări și completări prin Legea 265/2006, cu modificările și completările ulterioare și ale Ordinului ministrului mediului nr. 1026/2009 privind condițiile de elaborare a rapoartelor de mediu, rapoartelor privind impactul asupra mediului, bilanșurilor de mediu, rapoartelor de amplasament, rapoartelor de securitate și studiilor de evaluare adecvată.

În urma analizei solicitării depuse și informațiilor furnizate și susținute în procedura de înregistrare de:

### S.C AECOM INGINIERIA S.R.L

cu sediul în: București, Str. Polonă nr. 68-72, sector 1

Telefon 021 316 11 63, Fax 021 316 11 68

CUI nr. RO 15046898 înregistrată în Registrul Comerțului la J 40/12194/2002

persoana juridică este înscrisă în *Registrul Național al elaboratorilor de studii pentru protecția mediului la poziția nr. 567* pentru

RM	<input checked="" type="checkbox"/>
RIM	<input checked="" type="checkbox"/>
BM	<input checked="" type="checkbox"/>
RA	<input type="checkbox"/>
RS	<input type="checkbox"/>
EA	<input checked="" type="checkbox"/>

Emis la data de : 15.05.2013

Valabil până la data de : 15.05.2018

**PREȘEDINTELE COMISIEI DE ÎNREGISTRARE**

**Elena DUMITRU**  
**SECRETAR DE STAT**





UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



## **ANNEX 1 - Methodology for the Strategic Environmental Assessment of the General Transport Master Plan (GTMP)**

The strategic environmental assessment of the GTMP was achieved according to Directive 2001/42 / EC of the European Parliament and of Council, transposed into Romanian legislation by GD 1076/2004 establishing the procedure for environmental assessment for plans and programs (published in the Official Gazette, part I, no. 707 dated 5 August 2004).

The methodology for the strategic environmental assessment took into account besides the above mentioned regulatory acts also the recommendations of the following documents:

- "Manual on the application procedure of environmental assessment for plans and programs" prepared by EMCC and NEPA, approved by Order no. 117/2006;
- "SEA Guide for plans and programs in transport domain" developed within PHARE project 2004 / 016-772.03.03 / 02.01 - Strengthen institutional capacity for implementation and enforcement of the SEA Directive and Reporting Directive
- "Guidelines on the Environmental assessment for plans and programs" prepared under the PHARE project 2004/016 - 772.03.03 - Strengthening the institutional capacity for implementation and enforcement of the SEA Directive and Reporting Directive.

Stages of the Strategic Environmental Assessment process:

- The plan holder shall notify the Competent Authority for Environmental Protection and inform the public about the initiation of the development process of the plan and create the first version;
- Framing stage - after which it was decided that GTMP is subject to the environmental assessment procedure;
- Scoping Stage - The level of detail of the information contained in the Environmental Report for the General Transport Master Plan and the significant effects analysis of GTMP were performed under the special formed working group (the working group members are shown in table 1).
- The stage of elaboration of the Environmental Report – the Environmental Report summarizes all the results and conclusions of the environmental assessment. The Environmental Report also integrates the appropriate assessment conclusions.
- Consultation with interested public authorities on GTMP and the interested public – the Environmental Report must take into account the results of consultations.
- The analysis phase of the Environmental Report quality - Environmental Report Quality Analysis is performed by the Environmental Protection Competent Authority together with members of the Working Group special constituted for the strategic environmental assessment procedure.
- Taking the decision for approval of GTMP – the decision factor, respectively the authority that adopts the GTMP must take into account the assessment results and the conclusions outlined in the public consultation.
- Monitoring – the monitoring program proposed by ER will be an integral part of GTMP. The environmental effects generated by GTMP must be monitored and recorded. If adverse effects are identified appropriate measures will be proposed to eliminate/reduce them.

The Environmental Report follows the framework content set out in Annex 2, GD 1076/2004 and includes the following information:

- general information on SEA, the plan subject to the Strategic Environmental Assessment procedure and Environmental Report elaborator;



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CC: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



- general information on the GTMP content, main specific and environmental objectives of the GTMP;
- the analysis of the relationship with other relevant plans and programs;
- relevant aspects of the current state of the environment and its likely evolution in case of GTMP is not implemented;
- environmental characteristics of the area likely to be significantly affected;
- existing environmental problems relevant to the transport sector;
- environmental protection objectives, established at national, community or international level, that are relevant to GTMP;
- potential significant environmental effects;
- potential significant environmental effects, including on health, in a transboundary context;
- proposed measures to prevent, reduce and offset as completely as possible any adverse effect on the environment of implementing the plan or program;
- statement of the reasons which led to selecting the chosen alternatives and a description of how the evaluation was carried out, difficulties in processing the information requested;
- description of the measures considered for monitoring the significant effects of implementing the plan or program;
- general conclusions drawn from the Strategic Environmental Assessment
- a non-technical summary of the information provided.

The environmental report and the opinions expressed by the concerned authorities and the public should be taken into account during the elaboration of the Master Plan before its adoption or submission into the legislative procedure.

The environmental report integrates the conclusions of the Appropriate Assessment Study including recommendations on the proposed measures to prevent / reduce / offset impact on Natura 2000 sites and proposed indicators for monitoring the effects likely to be generated by the projects proposed by GTMP.

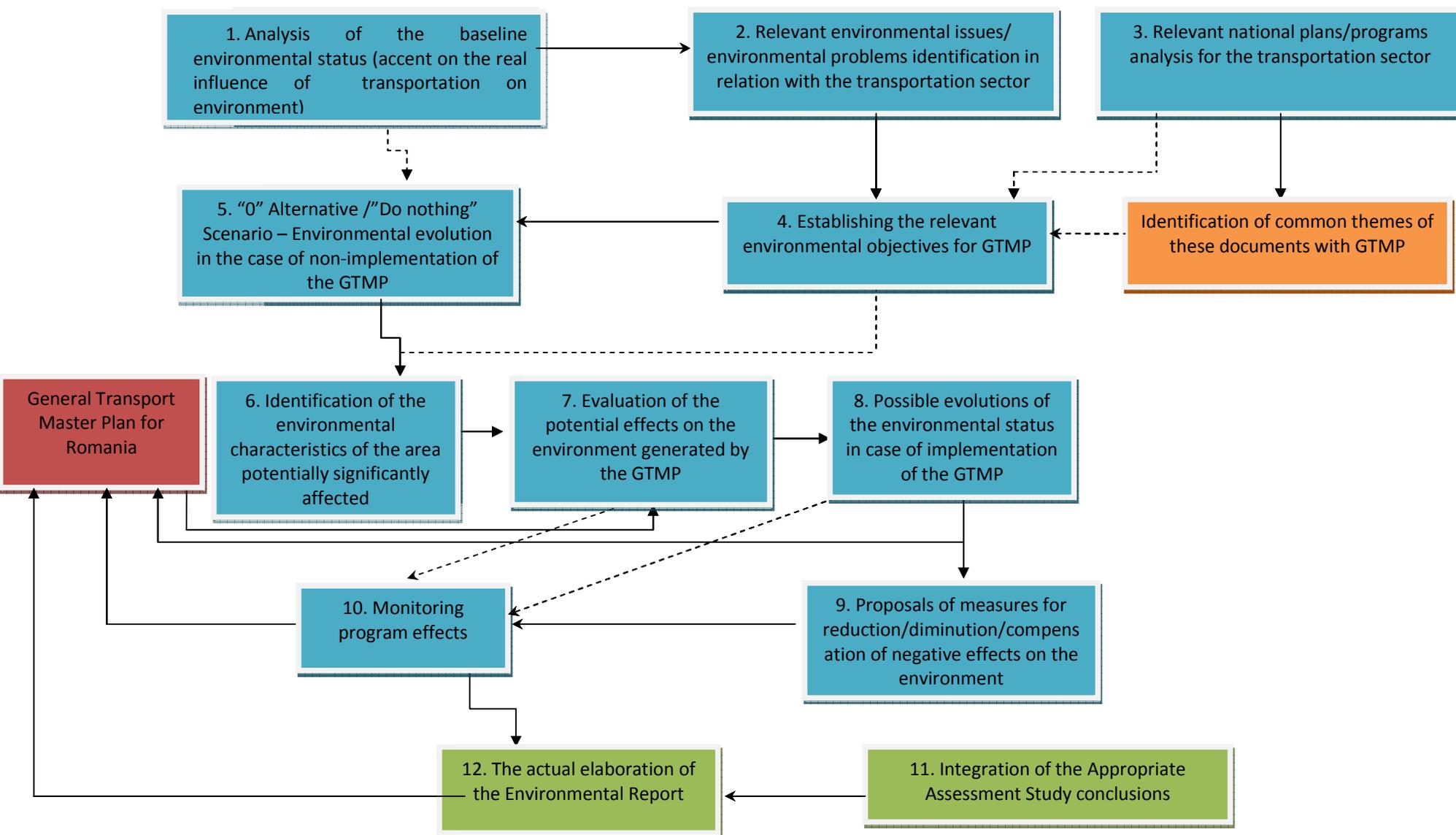
The steps for elaborating the Environmental Report for GTMP are shown schematically in the figure below.



Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



**Fig.1. Steps followed for achievement of the Environmental Report**





UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERAȚIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**Table no. 1 - Membership of the Working Group Strategic Environmental Assessment procedure**

No. Crt.	Institution	No/ Date of request letter for assignee	Ne/ Date of response letter	Assignee name	Contact data
1.	Ministry of Transport (project holder)			Bogdan Oneată Simona Bolboaca Camelia Lungoci Roxana Proca	bogdan.oneata@mt.ro simona.bolboaca@mt.ro mediu4@mt.ro roxana.proca@mt.ro
2.	AECOM Ingineria SRL (consultant)			Iulia Dinu Gabriela Mușat Gheorghe Stoian Martin Bright	iulia_dinu2005@yahoo.com gabriela.musat@aecom.com gheorghe.stoian@aecom.com martin.bright@aecom.com
3.	Ministry of Environment and Climate Change (MECC) - Impact Assessment and Pollution Control Department	40/DPAT/OB/14898/ 01.04.2013	21.372/ 09.04.2013	Aureliu Dumitrescu  Mihaela Macelaru	tel: 0214089592; 0754231211 fax: 0213160421; aureliu.dumitrescu@mmediu.ro mihaela.macelaru@mmediu.ro
4.	MECC - Department of Management and Control of Water Resources and Fisheries	40/DPAT/OB/14898/ 01.04.2013	As above	Mihail Costache	tel: 0214089555; fax: 0213160282; e-mail: mihail.costache@mmediu.ro
5.	MECC - Department for Sustainable Development and Nature Protection	40/DPAT/OB/14898/ 01.04.2013	As above	Anca Craciunas	tel: 0214089545; 0754231513; anca.craciunas@mmediu.ro
6.	MECC - Hazardous Substances and Waste Management Department	40/DPAT/OB/14898/ 01.04.2013	As above	Marian Metesica	tel: 0214089580; marian.matesica@mmediu.ro
7.	MECC - Department of Climate Change	40/DPAT/OB/14898/ 01.04.2013	As above	Gabriela Popescu	tel: 0214089541; fax: 0214089635; gabriela.popescu@mmediu.ro
8.	MECC - Department for Forests and Forestry Development	40/DPAT/OB/14898/ 01.04.2013	As above	Iulia Ivășchescu	tel: 0213187007; fax: 02131887007; fax: 0213187011; e-mail: iulia.ivaschescu@mmediu.ro
9.	Ministry of Health	40/DPAT/OB/14930/ 01.04.2013	22941/ 09.04.2013	Mihaela Fulga	Advisor - Department of Public Health and Control in Public Health, tel: 021.307.25.56; fax: 021.307.25.60; mihaela.fulga@insp.gov.ro
10.	Ministry of Economy	40/DPAT/OB/14917/	181961/	Nicolae Voineag	tel: 021.4079922; e-mail:



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



No. Crt.	Institution	No/ Date of request letter for assignee	Ne/ Date of response letter	Assignee name	Contact data
		01.04.2013	30.05.2013		nicolae_voineag@minind.ro
11.	Ministry of Regional Development and Public Administration	40/DPAT/OB/14925/ 01.04.2013	26757/ 09.04.2013	Lucian Constantin Lambru	Evaluation Review Advisor - General Directorate for Infrastructure; tel: 0372114509; e-mail: lucian.lambru@mdrap.ro
12.	Ministry of Internal Affairs	40/DPAT/OB/14929/ 01.04.2013	2939899/S2/ 10.04.2013 16858/ 10.04. 2013	Măndescu Marian-Cristian  Aurelian Mihalache	Police commissioner; tel: 0742/ 092.622; e-mail: marian.mandescu@politiaromana.ro  Police Chief Commissioner; tel: 0723.327.322
13.	Ministry of Agriculture and Rural Development	40/DPAT/OB/14928/ 01.04.2013	265501/ 08.04.2013	Emil Săndulescu	tel: 0736600878; e-mail: emil.sandulescu@madr.ro
14.	Ministry of Culture	40/DPAT/OB/14926/ 01.04.2013	16822/ 10.04.2013	Mircea Angelescu	Director of Cultural Heritage Department



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**ANNEX 2****List of projects included in the „Do minimum” reference scenario**

No.crt	Index	Project Title
<b>Air Sector</b>		
1	019	Modernization of movement areas and beakoning system, control tower and land development for locating the ILS navigation system in Suceava Airport
2	021	Rehabilitation of the apron and parkings in Constanta (M. Kogalniceanu) Airport
<b>Sectorul porturi</b>		
3	060	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels
4	065	Extension of the breakwater in the Constanta Port
5	066	Extension to the south of the gauge berth in the Port of Constanta
6	084	Rehabilitation and modernization of the infrastructure in Oltenita Port
7	090	Infrastructure works in the Port of Braila - berths 23 and 25
8	097	Building an administrative complex in Port of Giurgiu
9	098	Newada Duo Project
10	099	CO-WANDA: Convention for waste management for inland navigation on the Danube
11	102	Master Plan for the Constanta Port
12	103	DAHAR - Strategic Development Plan for the Danube interior Ports
13	104	GIFT- Green Intermodal Freight Transport Corridors in South East Europe
14	109	Modernizing port infrastructure by providing increasing depths of channels and basins and safety of navigation in Constanta Port
<b>Rail Sector</b>		
15	120	Developing the rail infrastructure capacity in the Constanta Port (the fluvial-maritime sector)
16	127	Developing the rail infrastructure system in the Constanta Port (the fluvial-maritime sector)
17	128	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Craiova
18	129	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Cluj



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No.crt	Index	Project Title
19	130	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Brasov
20	131	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Bucuresti
21	132	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Iasi
22	133	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Timisoara
23	134	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta
24	137	Modernisation of the railway level crossings - 112 crossings - Stage I
25	142	Current repairs for the public railway infrastructure for 2013-2020
26	144	RK(capital repairing) at the public rail infrastructure for the 2013-2016 period
27	147	Rehabilitation of the Bucharest-Constanta line
28	150	Modernisation of the Coșlariu - Sighișoara line, component of the IV Pan – European Corridor, at maximum speed of 160 km/h for passenger trains
29	151	Modernisation of the Simeria - Coșlariu line, component of the IV Pan – European Corridor, at maximum speed of 160 km/h for passenger trains Coslariu – Simeria section
30	153	Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614
31	170	Electrification of the Doaga-Tecuci-Barbosi line
32	200	Developing the strategic noise maps and action plans for the major railways having more than 30,000 train movements per year - Stage I
33	209	Modernisation of the railway stations in Romania: Slatina, Râmnicu Vâlcea, Reșița Sud
34	210	Modernisation of the railway stations in Romania: Bistrita, Zalau
35	211	Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud
36	212	Modernisation of the railway stations in Romania: Sfântu Gheorghe, Târgu Mureș
37	213	Modernisation of the railway stations in Romania: Pitesti
38	214	Modernisation of the railway stations in Romania: Piatra Neamț, Botoșani, Vaslui, Brăila
39	217	Modernisation of the Focsani station
40	236	Detection system for overheated axles and closed brakes (21 locations)
41	237	Operational pilot project for a ECTS/ERTMS Level 2 application on the line section Buciumeni - Semnal Junction - Brazi entrance



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No.crt	Index	Project Title
42	238	Upgrading the electromechanical interlocking systems for 11 stations Bucuresti- Craiova Stage II
43	239	Upgrading the electromechanical interlocking systems for 16 stations Brasov, Cluj, Craiova, Timisoara Stage II
44	240	Modernization of Videle interlocking station
<b>Road Sector</b>		
45	252	Bridge on DN2E km 57+400, at Clit
46	253	Bridge over Arges river, DN61 km 74+015 at Ionesti
47	254	Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele
48	255	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna
49	256	Rail overpass on the Arad Bypass (DN7 km 540 +248)
50	257	Rail overpass on the Arad Bypass (Brad-Curtici rail section and DJ709B)
51	264	Modernization DN 72 Gaiesti - Ploiesti km 0 +000 - km 76 +180
52	265	Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)
53	268	Bridge over the Danube-Black Sea Channel at km 0+540 and the access infrastructure in the Constanta Port; Phase 1 - construction of the bridge
54	269	Connection link with DN39 - Bridge over the Danube-Black Sea Channel at km 0+540 and the access infrastructure in the Constanta Port; Phase 1 - construction of the bridge
55	272	Alesd South and Alesd North Bypass
56	273	Alexandria Bypass
57	274	Bacau Bypass
58	280	Brasov Bypass
59	286	Caracal Bypass
60	287	Carei Bypass
61	288	Cluj-Napoca East Bypass
62	290	Craiova South Bypass
63	292	Deva - Orastie Motorway
64	304	Iasi South Bypass: Phase 4 Light Traffic ( Sector km 0+000 - km 8+175 ) and Penetration



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No.crt	Index	Project Title
65	305	Lugoj - Deva Motorway
66	308	Mihailesti
67	309	Nadlac-Arad Motorway
68	311	Oradea Bypass – Phase II
69	312	Orastie - Sibiu Motorway
70	319	Sacuieni Bypass
71	320	Satu Mare Bypass
72	321	Sebes - Turda Motorway
73	325	Stei Bypass
74	327	Suceava Bypass
75	330	Targu Jiu Bypass
76	331	Targu Mures Bypass
77	333	Tecuci Bypass
78	338	Access Road to Agigea Lock and sea-port Agigea, CDMN, left bank, between km 61 +800 and 63 +500, L = 1.700 m
79	342	Consolidation works DN29D, km 18 +500 - km 20+816
80	343	Ease of traffic on DN1 km. 8+100 - km. 17+100 and the rail ring North of Bucharest - Phase 7, construction of the bypass ring section DN7-DN1A
81	344	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000
82	345	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390
83	349	Modernisation DN2N km 52+860 - km 60+000 Jitia - Biscoa and new bridge over Ramnicu Sarat river la km 53+300
84	350	Modernisation DN5, section Bucuresti - Adunatii Copaceni
85	354	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893
86	355	Building the A3 motorway section in Bucharest Municipality
		Rehabilitation DN24 (county limit Galati/Vaslui - Crasna) and DN24B Crasna-Albita Lot 1: km 51+000 (from Galați and Vaslui County boundary–DN 24 km 90+000) Lot 2: DN 24 km 90+000 – DN 24 km 105+070 (Crasna locality) and DN 24B km 22+000
87	356	



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No.crt	Index	Project Title
		Lot 3: DN 24B km 22+000 – DN 24B km 47+881 (Albita border)
88	357	b
89	358	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000
90	359	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047
91	360	Rehabilitation DN1H Zalau - Alesd, km 0+000 - km 69+334
92	361	Traffic calming measures on 4 lanes national roads
93	362	Safety measures on DN1 in linear villages and black spots
<b>Waterways</b>		
94	371	Iris Europe 3
95	373	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels
96	376	The modernization of the water management system on the navigable channels by installing automatic monitoring stations for water quality
97	377	Upgrading the locks, equipments and installations
98	378	System for gathering and processing of the ships waste and for pollution intervention on the Danube sector administrated by CN APDF SA Giurgiu
99	381	Monitoring the environmental impact of the works to improve navigation conditions on the Danube between Calarasi and Braila, km 375-km 175-Phase II
100	384	Protection for banks at Sulina Channel - Stage I
101	403	Improving the navigation conditions on the lower Danube (Calarasi-Braila)
102	404	Pier berth 31 in Port Docks Outdoor Galati
103	405	Creating a support system works on the Danube river in order to ensure minimum depth for navigation
104	406	Giurgiu bridge over the Danube at km 64+884 DN5
105	407	Road Bridge over Olt in Slatina on DN6, km 48 +570
106	408	Oituz road bridge over the Poiana Sarata on DN 11 km 90 +450
107	409	Road Bridge over Jiu in Arginesti on DN6, km 268+371
108	410	New bridge at Cosmesti , over Siret river on DN24 km 7+620

**Projects that repeat**



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**ANNEXA 3 – Candidate projects to GTMP list****Road Sector**

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
1	1.	Road	Motorway	Sibiu - Pitesti Motorway	CNADNR	Yes
2	2.	Road	Motorway	Ploiesti - Comarnic Motorway	CNADNR	Yes
3	3.	Road	Motorway	Comarnic-Brasov Motorway	CNADNR	Yes
4	4.	Road	Motorway	Sibiu - Brasov Motorway	CNADNR	Yes
5	5.	Road	Motorway	Gilău-Nădășelu-Suplacu de Barcău-Borș Motorway	CNADNR	Yes
6	6.	Road	Motorway	Arad-Oradea Motorway	CNADNR	Yes
7	7.	Road	Motorway	București North Ringroad Motorway, km 0 +000 - km 52 770	CNADNR	Yes
8	8.	Road	Motorway	de Centura București South Ringroad Motorway km 52+770 - km 100+765	CNADNR	Yes
9	9.	Road	Motorway	Craiova - Pitesti Motorway	CNADNR	Yes
10	10.	Road	Motorway	București - Alexandria - Craiova Motorway	CNADNR	Yes
11	11.	Road	Motorway	Craiova – Calafat Motorway	CNADNR	Yes
12	12.	Road	Motorway	Ploiesti - Buzau -Focșani - Bacău - Pascani- Siret Motorway	CNADNR	Yes
13	13.	Road	Motorway	Brasov - Bacau Motorway	CNADNR	Yes
14	14.	Road	Motorway	Tg Mures -Targu Neamt - Iasi - Ungheni Motorway	CNADNR	Yes
15	15.	Road	Motorway	Buzau - Braila - Galati Motorway	CNADNR	Yes
16	16.	Road	Motorway	Timisoara - Moravita Motorway	CNADNR	Yes
17	17.	Road	Motorway	Lugoj - Craiova Motorway	CNADNR	Yes
18	18.	Road	Motorway	Drobeta - Calafat Motorway	CNADNR	Yes
19	19.	Road	Motorway	Turda - Halmeu Motorway	CNADNR	Yes
20	20.	Road	Motorway	Targu Mures - Dej Motorway	CNADNR	Yes
21	21.	Road	Motorway	Brasov - Targu Mures Motorway	CNADNR	Yes
22	22.	Road	Motorway	Brasov - Pitesti Motorway	CNADNR	Yes
23	23.	Road	Motorway	Ploiesti - Pitesti Motorway	CNADNR	Yes
24	24.	Road	Motorway	Focsani - Albita Motorway	CNADNR	Yes
25	25.	Road	Motorway	Constanta - Braila (including Braila Bridge) Motorway	CNADNR	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
26	26.	Road	Motorway	Targu Mures - Campia Turzii Motorway	CNADNR	Yes
27	27.	Road	Motorway	Suplacu de Barcau - Satu Mare Motorway	CNADNR	Yes
28	28.	Road	Motorway	Bucuresti – Giurgiu Motorway	CNADNR	Yes
30	29.	Road	National Road	Modernisation DN29 Suceava - Botosani, section km 0+000 - km 39+071	CNADNR	No
31	30.	Road	National Road	Modernisation DN71 Baldana - Targoviste - Sinaia, sections km 0+000 - km 44+130 and km 51+041 - km 109+905	CNADNR	No
32	31.	Road	National Road	Modernisation DN 73 Pitesti - Campulung - Brasov, km 13+800 - km 42+850; km 54+050 - km 128+250	CNADNR	No
33	32.	Road	National Road	Modernisation DN 67B Scoarta - Pitesti km 0 +000 - km 188 +200	CNADNR	No
35	33.	Road	National Road	Extension to 4 lanes between A2 Bucuresti South Ringroad (km 23 +600) și A1 (km 55 +520)	CNADNR	No
36	34.	Road	National Road	Widening to 4 traffic lanes DN7 Baldana Titu km 30 +950- km 52 +350	CNADNR	No
38	35.	Road	National Road	Modernisation DN 67 C, Bengesti - Sebes, km 0+000 - km 148+414	CNADNR	No
39	36.	Road	National Road	Modernisation DN 7A, Brezoi-Petrosani, km 0+000- km 86+600 (km 0+000 - km 62+000)	CNADNR	No
41	37.	Road	National Road	Modernisation DN 11, Brasov-Onesti-Bacau km 4+900- km 56+137; km 60+100 - km 125+100; km 132+500 - km 175+460	CNADNR	No
42	38.	Road	National Road	Modernisation DN 26, Galati-Murgeni, km 0+000 - km 94+576 (sector km 4+910 - 94+576)	CNADNR	No
43	39.	Road	National Road	Modernisation DN 14B, Teius-Copsa Mica, km 0+000-km 22+498; km 26+330 - km 56+241	CNADNR	No
44	40.	Road	National Road	Modernisation DN 24C, Manoleasa – Radauti Prut, km 106+650 – km 142+250	CNADNR	No
45	41.	Road	National Road	Modernisation DN 51, Alexandria - Zimnicea, km 2+600 - km 43+783	CNADNR	No
46	42.	Road	National Road	Modernisation DN 52, Alexandria - Turnu Magurele km 1+350 - km 44+600; km 49+194 - 52+649	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
47	43.	Road	National Road	Modernisation DN 65A, Cerbu - Turnu Magurele, km 0+000-km 130+005	CNADNR	No
48	44.	Road	National Road	Modernisation DN 54, Caracal - Turnu Magurele, km 1+550- km 65+950	CNADNR	No
49	45.	Road	National Road	Connection road between DN 7 and A1 Motorway	CNADNR	No
50	46.	Road	National Road	Modernisation DN 54A, Caracal - Bechet, km 0+000 - km 44+174	CNADNR	No
51	47.	Road	National Road	Modernisation DN65D Albota - Bascov, km 0+000 - km 10+184	CNADNR	No
52	48.	Road	National Road	Modernisation DN1A Buftea- Ploiesti West Ringroad, km 12+260 - km 64+400	CNADNR	No
53	49.	Road	National Road	Modernisation DN22, km 35+750 - km 62+500	CNADNR	No
54	50.	Road	National Road	Modernisation DN23, Braila - Focsani, km 52+000 - km 83+860	CNADNR	No
55	51.	Road	National Road	Modernisation DN22D, km 52+798 - km 81+287	CNADNR	No
56	52.	Road	National Road	DN – connection section between Transilvania Motorway - sector 2B km 0+000 and Cluj East bypass	CNADNR	No
57	53.	Road	National Road	Modernisation DN 7C, Pitesti - Curtea de Arges – Bilea Lac, km 0+000 - km 116+808	CNADNR	No
58	54.	Road	National Road	Modernisation DN 7C, Bilea Lac – Cartisoara, km 116+808 – km 151+955	CNADNR	No
59	55.	Road	National Road	Modernisation DN 19E, Biharia – Chiribis, km 0+000 – km 38+910	CNADNR	No
60	56.	Road	National Road	Modernisation DN 73C, Schitu Golesti – Blidari, km 33+820 - km 68+134	CNADNR	No
61	57.	Road	National Road	DN 15, Piatra Neamt-Bacau, km 313+000 - km 373+931	CNADNR	No
62	58.	Road	National Road	Modernisation DN 64, Caracal – Olanesti, km 2+200 – km 59+310; km 66+605 – km 114+880	CNADNR	No
63	59.	Road	National Road	Modernisation DN 7D, Caineni – Perisani, km 0+000 – km 31+360	CNADNR	No
64	60.	Road	National Road	Modernisation DN 5A, Hotarele – Adunatii Copaceni, km 10+600 – Km 39+880	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
65	61.	Road	National Road	Modernisation DN 15, Bicz – Piatra Neamt km 286+250 - km 308+860	CNADNR	No
66	62.	Road	National Road	Modernisation DN 61, Ghimpati- Gaesti, km 0+000 - km 78+529	CNADNR	No
67	63.	Road	National Road	Modernisation DN 72A, Targoviste – Campulung, km 5+370 – km 64+110	CNADNR	No
68	64.	Road	National Road	Modernisation DN 65E, Rosiorii de Vede – Piatra, km 0+000 – km 39+998	CNADNR	No
69	65.	Road	National Road	Modernisation DN 73D, Ciumesti – Suslanesti, km 0+000 – km 49+125	CNADNR	No
70	66.	Road	National Road	Modernisation DN 2B, Buzau-Braila, km 0+000-km 3+800; km 8+800-km 103+150	CNADNR	No
71	67.	Road	National Road	DN 5B, Giurgiu-Ghimpati, km 3+200-km 39+600	CNADNR	No
72	68.	Road	National Road	DN 16, Reghin-Apahida, km 0+000-km 88+500	CNADNR	No
73	69.	Road	National Road	DN 19B, Sacuieni-Marghita, km 0+000-km 18+000	CNADNR	No
74	70.	Road	National Road	DN 67D, Targu Jiu - Baile Herculane, km 0+000-km 108+390	CNADNR	No
75	71.	Road	National Road	DN 15D, Piatra Neamt-Roman, km 1+000-km 46+091	CNADNR	No
76	72.	Road	National Road	DN 14A, Medias-IerNot, km 2+850-km 20+400	CNADNR	No
77	73.	Road	National Road	DN 29A, Suceava-Radauti-Prut, km 3+000-km 37+700 km 42+250- km 99+722	CNADNR	No
78	74.	Road	National Road	Valenii de Munte Bypass	CNADNR	No
79	75.	Road	National Road	Modernisation DN 18B, Baia Mare–Tg Lapus km 0+000 – km 80+062	CNADNR	No
80	76.	Road	National Road	Modernisation DN 1R, Huedin – Albac, km 0+000 – km 79+900	CNADNR	No
81	77.	Road	National Road	Modernisation DN 1P, Uliacu de Cris – SpiNos, km 0+000 – km 22+543	CNADNR	No
82	78.	Road	National Road	Modernisation DN 1, Bors – Oradea, km 630+028 – km 643 +271	CNADNR	No
83	79.	Road	National Road	Modernisation DN 28, Iasi – Albita, km 73+000 – km 141+410	CNADNR	No
84	80.	Road	National Road	Modernisation DN 28A, Targu Frumos – Motca, km 0+000 – km 37+661	CNADNR	No
85	81.	Road	National Road	DN 79A, Varfurile-Chisinau Cris, km 0+000-km 127+642	CNADNR	No
86	82.	Road	National Road	DN 17B, Vatra Dornei-Poiana Largului, km3+750-km 86+689	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
87	83.	Road	National Road	DN 3, Ostrov-Basarabi, km 130+800-km 256+000	CNADNR	No
88	84.	Road	National Road	DN 67, Dr.Turnu Severin - Ramnicu Valcea, km 1+450-km 81+600,km 83+970-km 193+027,km 194+657-km 198+764	CNADNR	No
89	85.	Road	National Road	DN 74A, Abrud-Campeni, km 0+000-km 11+329	CNADNR	No
90	86.	Road	National Road	DN 13A, Balauseri-Miercurea Ciuc, km 0+000-km 77+296 km 83+675-km 127+500	CNADNR	No
91	87.	Road	National Road	DN 29, Botosani-Manoleasa Prut, km 44+100-km 99+850	CNADNR	No
92	88.	Road	National Road	DN 5C, Giurgiu-Zimnicea, km 3+750- km 60+426	CNADNR	No
93	89.	Road	National Road	DN 22, Ramnicu Sarat - Braila, km 2+800-km 78+174	CNADNR	No
94	90.	Road	National Road	DN 22D, Macin-Ceamurlia, km 0+000-km 52+798, km 56+155-km 81+325	CNADNR	No
95	91.	Road	National Road	DN 2G, Bacau-Comanesti, km 4+000-km 55+219	CNADNR	No
96	92.	Road	National Road	DN 12A, Miercurea Ciuc-Onesti, km 0+200-km 114+600	CNADNR	No
97	93.	Road	National Road	DN 58, Caransebes-Anina, km 0+500-km 37+300	CNADNR	No
98	94.	Road	National Road	DN 58B, Resita-Voiteg, km 2+515-km 66+908	CNADNR	No
99	95.	Road	National Road	DN 57B, Oravita-Iablanita, km 0+000-km 97+668	CNADNR	No
100	96.	Road	National Road	DN 29B, Botosani-Dorohoi, km 3+000-km 31+500	CNADNR	No
103	97.	Road	National Road	Modernisation DN 74, Brad - Alba Iulia, km 4+460 - km 99+870	CNADNR	No
104	98.	Road	National Road	Modernisation DN 75, Stei - Turda, km 0+000 - km 160+870	CNADNR	No
106	99.	Road	National Road	Modernisation DN 17C , Bistrita-Nasaud, km 0+000 – 20+092 si Salva - Moisei, km 26+093 - 81+293	CNADNR	No
107	100.	Road	National Road	Modernisation DN17D - Beclean - Carlibaba, km 0+000- km 103+637	CNADNR	No
108	101.	Road	National Road	Reconstruction of the road system DN22 Tulcea - Ovidiu, km 178+000 - km 227+000	CNADNR	No
109	102.	Road	National Road	Consolidation DN 57, Oravita - Moravita, km 152+990 - km 200+745	CNADNR	No
110	103.	Road	National Road	Consolidation DN 57 km 137+500 - km 152+990	CNADNR	No
111	104.	Road	National Road	Consolidation DN 67D km 103+000 - km 103+927	CNADNR	No
112	105.	Road	National Road	Consolidation DN 57 km 53+700 - 53+900 si km 59+415 - km 60+000	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
113	106.	Road	National Road	Rehabilitation SR pe DN 28B, Tg. Frumos - Botosani, km 0+000 - 71+100	CNADNR	No
114	107.	Road	National Road	Repairings DN 13E km 0+000 - km 23+362 si km 30+332 - 89+118	CNADNR	No
115	108.	Road	Bypass	Adjud	CNADNR	No
116	109.	Road	Bypass	Bals	CNADNR	No
117	110.	Road	Bypass	Barlad	CNADNR	No
118	111.	Road	Bypass	Bistrita	CNADNR	No
119	112.	Road	Bypass	Budesti	CNADNR	No
120	113.	Road	Bypass	Buftea	CNADNR	No
121	114.	Road	Bypass	Campulung Moldovenesc	CNADNR	No
122	115.	Road	Bypass	Dej	CNADNR	No
123	116.	Road	Bypass	Dragasani East	CNADNR	No
124	117.	Road	Bypass	Fagaras	CNADNR	No
125	118.	Road	Bypass	Falticeni	CNADNR	No
126	119.	Road	Bypass	Filiasi	CNADNR	No
127	120.	Road	Bypass	Focsani	CNADNR	No
128	121.	Road	Bypass	Galati	CNADNR	No
129	122.	Road	Bypass	Gheorgheni	CNADNR	No
130	123.	Road	Bypass	Huedin	CNADNR	No
131	124.	Road	Bypass	Husi	CNADNR	No
132	125.	Road	Bypass	Iasi Sud: Obiect 3	CNADNR	No
134	126.	Road	Bypass	Mangalia	CNADNR	No
135	127.	Road	Bypass	Miercurea Ciuc	CNADNR	No
136	128.	Road	Bypass	Pascani	CNADNR	No
137	129.	Road	Bypass	Pucioasa	CNADNR	No
138	130.	Road	Bypass	Radauti	CNADNR	No
139	131.	Road	Bypass	Roman	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
140	132.	Road	Bypass	Rosiorii de Vede	CNADNR	No
141	133.	Road	Bypass	Sacele	CNADNR	No
142	134.	Road	Bypass	Sighisoara	CNADNR	No
143	135.	Road	Bypass	Slatina	CNADNR	No
144	136.	Road	Bypass	Strehaia	CNADNR	No
145	137.	Road	Bypass	Targoviste	CNADNR	No
146	138.	Road	Bypass	Targu Frumos	CNADNR	No
147	139.	Road	Bypass	Targu Neamt	CNADNR	No
148	140.	Road	Bypass	Timisoara Sud	CNADNR	No
149	141.	Road	Bypass	Titu	CNADNR	No
150	142.	Road	Bypass	Tusnad	CNADNR	No
151	143.	Road	Bypass	Vatra Dornei	CNADNR	No
152	144.	Road	Bypass	Craiova South West DN 56-DN55 - DN6	CNADNR	No
153	145.	Road	Bypass	Medias pe DN14	CNADNR	No
154	146.	Road	Bypass	Zarnesti	CNADNR	No
155	147.	Road	Bypass	Haghig	CNADNR	No
156	148.	Road	Bypass	Sighetul Marmatiei	CNADNR	No
158	149.	Road	Bypass	Gaesti	CNADNR	No
159	150.	Road	Bypass	Recas pe DN6	CNADNR	No
160	151.	Road	Bypass	Fiser	CNADNR	No
161	152.	Road	Bypass	Varsand	CNADNR	No
162	153.	Road	Bypass	Pecica	CNADNR	No
163	154.	Road	Bypass	Resita	CNADNR	No
165	155.	Road	Bypass	Zimnicea, between DN5C (km 58+500) - DN51 (km 38+600)	CNADNR	No
166	156.	Road	Bypass	Turnu Magurele, between DN65A(km 130+005) - DN54 (km79+780) si intre DN52(km 41+500) - DN51A (km 52+000)	CNADNR	No
167	157.	Road	Bypass	Lipova	CNADNR	No
168	158.	Road	Bypass	Savarsin on DN7	CNADNR	No
169	159.	Road	Bypass	Timisoara DN69-DN6-DN59A - Strada Polona (DJ591)	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
170	160.	Road	Bypass	Calarasi	CNADNR	No
171	161.	Road	Bypass	Odorheiul Secuiesc	CNADNR	No
172	162.	Road	Bypass	Cristuru Secuiesc	CNADNR	No
181	163.	Road	Bypass	Brasov, Lot 1: Tronson I, DN1 - DN11	CNADNR	No
182	164.	Road	Bypass	Brasov, Lot 3: Tronson II, DN11 - DN13	CNADNR	No
184	165.	Road	Bypass	Toplita	CNADNR	No
186	166.	Road	Bypass	Ramnicu Valcea	CNADNR	No
187	167.	Road	Bypass	Arad Est	CNADNR	No
188	168.	Road	Bypass	Turda	CNADNR	No
189	169.	Road	Bypass	Aiud	CNADNR	No
190	170.	Road	Bypass	Teius	CNADNR	No
191	171.	Road	Bypass	Vaslui	CNADNR	No
192	172.	Road	Bypass	Zalau	CNADNR	No
193	173.	Road	Bypass	Reghin	CNADNR	No
194	174.	Road	Bypass	Botosani	CNADNR	No
195	175.	Road	Bypass	Piatra Neamt	CNADNR	No
196	176.	Road	Bypass	Slobozia	CNADNR	No
197	177.	Road	Bypass	Baia Mare	CNADNR	No
199	178.	Road	Bridges and overpasses	Braila - Pod Dunăre	CNADNR	No
202	179.	Road	Bridges and overpasses	Repairing viaduct on left side Tehereu on DN 10, km 85+534(86+948) at Siriu	CNADNR	No
203	180.	Road	Bridges and overpasses	Threshold bottom and shore defenses at A1 bridge km 35+266 over Arges at Podoreni	CNADNR	No
204	181.	Road	Bridges and overpasses	Bridge rehabilitation on A2 km 157+600 at Cernavoda	CNADNR	No
205	182.	Road	Bridges and overpasses	Passage rehabilitation over the railway on DN 2B km 47+975 at Gaiseanca	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
206	183.	Road	Bridges and overpasses	Bridge rehabilitation on A2 km 149+680 at Borcea	CNADNR	No
207	184.	Road	Bridges and overpasses	Bridge rehabilitation on DN 22C km 38+002 at Poarta Alba, Constanta County	CNADNR	No
208	185.	Road	Bridges and overpasses	Bridge rehabilitation on DN 2A km 196+739 at Ovidiu, Constanta County	CNADNR	No
209	186.	Road	Bridges and overpasses	Bridge rehabilitation on DN 3 km 242+286 at Basarabi, Constanta County	CNADNR	No
210	187.	Road	Bridges and overpasses	Bridge rehabilitation on DN 39 km 49+157 at Mangalia	CNADNR	No
212	188.	Road	Bridges and overpasses	Bridge on DN2E km 57+999 at Clit	CNADNR	No
213	189.	Road	Bridges and overpasses	Passage over railway on DN6 km 564+718 at Timisoara	CNADNR	No
214	190.	Road	Bridges and overpasses	Passage over railway on DN58B km 37+500 at Maureni	CNADNR	No
215	191.	Road	Bridges and overpasses	Passage over railway on Becicherecu Mic at DN6 km 566+950	CNADNR	No
216	192.	Road	Bridges and overpasses	Bridge consolidation on DN24B km 49+092 over Prut , Albita - Leuseni	CNADNR	No
217	193.	Road	Bridges and overpasses	Bridge consolidation on DN24B km 49+092 over Prut , Albita - Leuseni	CNADNR	No
218	194.	Road	Bridges and overpasses	Bridge consolidation on DN24B km 49+092 over Prut , Albita - Leuseni	CNADNR	No
219	195.	Road	Bridges and overpasses	Bridge consolidation on DN24B km 49+092 over Prut , Albita - Leuseni	CNADNR	No
220	196.	Road	Bridges and overpasses	Bridge rehabilitation on DN15 km 287+062 at Bicaz	CNADNR	No
221	197.	Road	Bridges and overpasses	Consolidation and repairings bridge on DN11 km 115+406 at Oituz	CNADNR	No
222	198.	Road	Bridges and overpasses	Overpass over the ringroad of Oradea City in the area of Ciheiului street	CNADNR	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
223	199.	Road	Bridges and overpasses	Overpass over the ringroad of Oradea City in the area of Nujoridului street	CNADNR	No
224	200.	Road	Bridges and overpasses	Bridge over Tisa in Teplita area from Sighetul Maramtiei	CNADNR	No
225	201.	Road	Bridges and overpasses	Bridge over Prut at Ungheni	CNADNR	No
226	202.	Road	Bridges and overpasses	Bridge over Prut at Bumbata	CNADNR	No
227	203.	Road	Bridges and overpasses	Rehabilitation of 93 bridges that need urgent interventions	CNADNR	No



It is the same project.



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**Rail Sector**

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
228	1.	Rail	Construction/rehabilitation railway infrastructure	Construction Bucuresti North - Aeroportul Internațional Henri Coanda I rail line	CFR Infrastructure	No
229	2.	Rail	Construction/rehabilitation railway infrastructure	Construction new line Valcele - Ramnicu Valcea	CFR Infrastructure	Yes
230	3.	Rail	Construction/rehabilitation railway infrastructure	Construction of rail infrastructure for access at Calafat-Vidin bridge	CFR Infrastructure	Yes
231	4.	Rail	Construction/rehabilitation railway infrastructure	Reopening of bridge over Argeș, București-Giurgiu line between Vidra and Gradiste.	CFR Infrastructure	Yes
232	5.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of bridges, culverts and tunnels - Galați area	CFR Infrastructure	No
240	6.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation works – bridge over Danube at km 152+149 and at km 165+817, București- Constanta - Regional Constanta line	CFR Infrastructure	No
241	7.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation works for bridges, culverts and tunnels - Stage II	CFR Infrastructure	No
242	8.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation works for bridges, culverts and tunnels - Stage III	CFR Infrastructure	No
244	9.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of level crossing with railway - Stage II (154 passes)	CFR Infrastructure	No
245	10.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of level crossing with railway - Stage III (786 passes)	CFR Infrastructure	No
247	11.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Predeal-Brasov line at maximum speed of 160 km/h for passenger trains	CFR Infrastructure	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
248	12.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Brasov-Simeria line, Brasov-Sighisoara section at maximum speed of 160 km/h for passenger trains	CFR Infrastructure	Yes
251	13.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of km 614-Gurasada line and Gurasada-Simeria at maximum speed of 160 km/h for passenger trains	CFR Infrastructure	Yes
253	14.	Rail	Construction/rehabilitation railway infrastructure	Modernisation Caransebes-Timisoara-Arad line for reaching enhanced speeds	CFR Infrastructure	Yes
254	15.	Rail	Construction/rehabilitation railway infrastructure	Modernisation Caransebes-Drobeta Turnu Severin-Craiova line for reaching enhanced speeds	CFR Infrastructure	Yes
256	16.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Timișoara – Stamora Moravița – Border Line	CFR Infrastructure	Yes
257	17.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Bacau-Pascani line for reaching enhanced speeds	CFR Infrastructure	Yes
258	18.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Focsani- Bacau line for reaching enhanced speeds	CFR Infrastructure	Yes
259	19.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Ploiesti-Focsani line for reaching enhanced speeds	CFR Infrastructure	Yes
260	20.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Bucuresti Nord-Jilava-Giurgiu line for reaching enhanced speeds	CFR Infrastructure	Yes
261	21.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Giurgiu-Videle-Bucuresti line for reaching enhanced speeds	CFR Infrastructure	Yes
262	22.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Craiova – Roșiori - Videle line for reaching enhanced speeds	CFR Infrastructure	Yes
263	23.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of border line - Vicșani – Suceava – Pașcani line for reaching enhanced speeds	CFR Infrastructure	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
264	24.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Coslariu -Apahida - Dej – Beclean on Someș River – Salva – Vatra Dornei Suceava– Pascani - Iasi - Border line for reaching enhanced speeds	CFR Infrastructure	Yes
265	25.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of lines close to București area for development of the existing passenger transport network in the metropolitan area	CFR Infrastructure	No
266	26.	Rail	Construction/rehabilitation railway infrastructure	Modernisation of Rail Complex București	CFR Infrastructure	No
268	27.	Rail	Construction/rehabilitation railway infrastructure	Electrification and double the line on the Cluj-Oradea section	CFR Infrastructure	Yes
269	28.	Rail	Construction/rehabilitation railway infrastructure	High speed line HU-RO Border-București -Constanta	CFR Infrastructure	Yes
270	29.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Brasov-Simeria railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h, Brasov-Sighisoara section-Alternative 1	CFR Infrastructure	Yes
271	30.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Brasov-Simeria railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h, Brasov-Sighisoara section-Alternative 2A	CFR Infrastructure	Yes
272	31.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Brasov-Simeria railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h, Brasov-Sighisoara section-Alternative 2B	CFR Infrastructure	Yes
273	32.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Brasov-Simeria railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h, Brasov-Sighisoara section-Alternative 3	CFR Infrastructure	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
274	33.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Craiova-Calafat railway, component of Pan -European IV Corridor southern branch, for train circulation with maximum speed of 160 km/h - Alternative 1	CFR Infrastructure	Yes
275	34.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Craiova-Calafat railway, component of Pan -European IV Corridor southern branch, for train circulation with maximum speed of 160 km/h - Alternative 2	CFR Infrastructure	Yes
276	35.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Craiova-Calafat railway, component of Pan -European IV Corridor southern branch, for train circulation with maximum speed of 160 km/h - Alternative 3	CFR Infrastructure	Yes
277	36.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Craiova-Calafat railway, component of Pan -European IV Corridor southern branch, for train circulation with maximum speed of 160 km/h - Alternative 4	CFR Infrastructure	Yes
278	37.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Predeal-Brasov railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h - Alternative 1	CFR Infrastructura	Yes
279	38.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Predeal-Brasov railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h - Alternative 2	CFR Infrastructure	Yes
280	39.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Predeal-Brasov railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h - Alternative 3	CFR Infrastructure	Yes
281	40.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Predeal-Brasov railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h - Alternative 4A	CFR Infrastructure	Yes
282	41.	Rail	Construction/rehabilitation railway infrastructure	Rehabilitation of Predeal-Brasov railway, component of Pan -European IV Corridor, for train circulation with maximum speed of 160 km/h - Alternative 4B	CFR Infrastructure	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
283	42.	Rail	Construction/rehabilitation railway infrastructure	Railway rehabilitation and electrification Constanta-Mangalia	CFR Infrastructure	Yes
284	43.	Rail	Improvement of rail passenger transport services	Warehouse landscaping for maintenance and rail yard for electrical trainset - Cluj Depot	CFR Passenger	No
285	44.	Rail	Improvement of rail passenger transport services	Warehouse landscaping for maintenance and rail yard for electrical trainset - Craiova Depot	CFR Passenger	No
286	45.	Rail	Improvement of rail passenger transport services	Warehouse landscaping for maintenance and rail yard for electrical trainset - Galati Depot	CFR Passenger	No
287	46.	Rail	Improvement of rail passenger transport services	Purchase of underground lathe for turning tyres/monobloc wheels to locomotives, railcars, EMUs and coaches, respectively and the corresponding repairing warehouse - Timisoara Depot	CFR Passenger	No
288	47.	Rail	Improvement of rail passenger transport services	Purchase equipment change trainset/axel - Brasov Depot	CFR Passenger	No
289	48.	Rail	Improvement of rail passenger transport services	Train timetable at regular intervals (cadenced timetable)	CFR Passenger	Yes
290	49.	Rail	Improvement of rail passenger transport services	New rolling stock ensuring diesel units for medium and long ride	CFR Passenger	Yes
291	50.	Rail	Improvement of rail passenger transport services	Fuel and lubricants depots repairing and modernisation	CFR Passenger	No
292	51.	Rail	Improvement of rail passenger transport services	Modernisation of vehicle and maintenance facilities park 2014-2020	CFR Passenger	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
293	52.	Rail	Improvement of rail passenger transport services	Modernisation of passenger railway coaches equipped with push – pull brake M	CFR Passenger	No
294	53.	Rail	Improvement of rail passenger transport services	New passenger railway coaches for day and night trains and railway coaches for vehicles transport N	CFR Passenger	No
295	54.	Rail	Improvement of rail passenger transport services	Passenger railway coaches and similar railway coaches newly built for trains marshal PCFR Passengers on București- Budapesta – Vienna route	CFR Passenger	No
296	55.	Rail	Improvement of rail passenger transport services	Passenger railway coaches renovated and modernized for trains with medium and long ride, including double-deck coaches	CFR Passenger	No
297	56.	Rail	Improvement of rail passenger transport services	Rehabilitation passenger railway coaches type 4 TH double-deck trains, with electro-magnetic brake system and push-pull system	CFR Passenger	No
298	57.	Rail	Improvement of rail passenger transport services	Modernisation of 100 Faccs coaches	CFR Passenger	No
299	58.	Rail	Improvement of rail passenger transport services	Purchase of 50 Habbins coaches	CFR Passenger	No
300	59.	Rail	Improvement of rail passenger transport services	New rolling stock (diesel trainset) and diesel trainset depot	CFR Passenger	Yes
301	60.	Rail	Improvement of rail passenger transport services	New rolling stock (electrical trainset) and diesel trainset depot	CFR Passenger	Yes
302	61.	Rail	Improvement of rail passenger transport services	Modernization of 12 LDE locos	CFR Passenger	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
303	62.	Rail	Improvement of rail passenger transport services	Modernization of 12 LDH locos	CFR Passenger	No
304	63.	Rail	Improvement of rail passenger transport services	Modernization of 12 LE locos	CFR Passenger	No
305	64.	Rail	Improvement of rail passenger transport services	Purchase of 10 new locos LDE (diesel)	CFR Passenger	No
306	65.	Rail	Improvement of rail passenger transport services	Purchase of 10 new locos LE (electric)	CFR Passenger	No
307	66.	Rail	Improvement of rail passenger transport services	Equipment of electric locos with continuous control system ETCS/ERTMS , Level 2	CFR Passenger	No
308	67.	Rail	Improvement of rail passenger transport services	Implementing telematic application for the dynamic information of passengers according to provisions of the EC Regulation no. 454/2011 and Regulation no. 1371/2007	CFR Passenger	No
309	68.	Rail	Improvement of rail passenger transport services	Rythmic timetable of trains between București and the nigest cities especially the ones located at 2 - 3 hours away from the capital	CFR Passenger	Yes
310	69.	Rail	Improvement of rail passenger transport services	Introducing a new park of inclined trains	CFR Passenger	Yes
311	70.	Rail	Improvement of rail passenger transport services	Restructuring the current train timetable for eliminating traffic gaps	CFR Passenger	Yes
312	71.	Rail	Improvement of rail passenger transport services	Analyzing the possibility to use more intense rolling stock	CFR Passenger	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
313	72.	Rail	Improvement of rail passenger transport services	Develop a strategy to improve waiting facilities in stations	CFR Passenger	No
314	73.	Rail	Improvement of rail passenger transport services	Analysis of opportunities to offer alternative tariff structures that could provide cheap tickets to people that reserve them in advance	CFR Passenger	No
315	74.	Rail	Improvement of rail passenger transport services	The revision of the current structure of public service contracts, including payment mechanisms and duration of contracts to facilitate increased performance	CFR Passenger	No
316	75.	Rail	Improvement of rail passenger transport services	Making the stand for testing and fatigue testing of axix frameworks from rail vehicles	CFR Passenger	No
317	76.	Rail	Improvement of rail passenger transport services	Making the hydraulic stand for testing and tension testing on the resistance structure of the rail vehicles	CFR Passenger	No
318	77.	Rail	Modernisation of railway stations	Modernisation of the Brasov marshalling yard/terminal	CFR Infrastructure	No
319	78.	Rail	Modernisation of railway stations	Modernisation of the Bucurestii North marshalling yard/terminal	CFR Infrastructure	No
320	79.	Rail	Modernisation of railway stations	Modernisation of the Buzau South marshalling yard/terminal	CFR Infrastructure	No
321	80.	Rail	Modernisation of railway stations	Modernisation of the Cluj East marshalling yard/terminal	CFR Infrastructure	No
322	81.	Rail	Modernisation of railway stations	Modernisation of the Craiova marshalling yard/terminal	CFR Infrastructure	No
323	82.	Rail	Modernisation of railway stations	Modernisation of the Semenic marshalling yard/terminal	CFR Infrastructure	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
324	83.	Rail	Modernisation of railway stations	Modernisation of the Suceava marshalling yard/terminal	CFR Infrastructure	No
331	84.	Rail	Modernisation of railway stations	Modernisation of railway stations from România: Stage V	CFR Infrastructure	Yes
332	85.	Rail	Modernisation of railway stations	Modernisation of railway stations from România: Stage VI	CFR Infrastructure	Yes
334	86.	Rail	Modernisation of railway stations	Modernisation of stations Baia Mare, Satu Mare, Miercurea Ciuc, Târgoviște and Târgu Jiu	CFR Infrastructure	Yes
335	87.	Rail	Signaling systems, electrification and rail safety	Modernisation of the electrical rail network	CFR Infrastructure	No
336	88.	Rail	Signaling systems, electrification and rail safety	Electrification centre at Câmpulung Moldovenesc, Dej, Cluj and Miercurea Ciuc	CFR Infrastructure	No
337	89.	Rail	Signaling systems, electrification and rail safety	Electrification centre at Buzau and Adjud and implementing the SCADA operating system	CFR Infrastructure	No
338	90.	Rail	Signaling systems, electrification and rail safety	Modernisation electrification centre from Craiova - Videle - Bucuresti and Târgu Jiu – Petroșani - Simeria	CFR Infrastructure	No
339	91.	Rail	Signaling systems, electrification and rail safety	Electrification centre Roman, Iași, Galați	CFR Infrastructure	No
340	92.	Rail	Signaling systems, electrification and rail safety	Construction and electrification on line 2 on Marasesti-Tecuci-Barlad-Iasi section	CFR Infrastructure	No
341	93.	Rail	Signaling systems, electrification and rail safety	Implementation of telematics applications for real-time monitoring of train traffic on existing GIS platform.	CFR Infrastructure	No
344	94.	Rail	Signaling systems, electrification and rail safety	Update electromechanical interlocking systems for 11 stations	CFR Infrastructure	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
345	95.	Rail	Signaling systems, electrification and rail safety	Update electromechanical interlocking systems for 16stations	CFR Infrastructure	No
347	96.	Rail	Signaling systems, electrification and rail safety	Modernisation electronic interlocking station Braila	CFR Infrastructure	No
348	97.	Rail	Signaling systems, electrification and rail safety	Development of a GIS Rail System	CFR Infrastructure	No
349	98.	Rail	Signaling systems, electrification and rail safety	Implementation of a telemetry system in traction substations - SCADA	CFR Infrastructure	No
350	99.	Rail	Signaling systems, electrification and rail safety	National Traffic Management Centre - Phase II	CFR Infrastructure	No
351	100.	Rail	Signaling systems, electrification and rail safety	The introduction of GSM-R system for the entire CFR network	CFR Infrastructure	No
352	101.	Rail	Signaling systems, electrification and rail safety	National Traffic Management Centre - Phase I	CFR Infrastructure	No
353	102.	Rail	Signaling systems, electrification and rail safety	LED signaling systems	CFR Infrastructure	No
354	103.	Rail	Signaling systems, electrification and rail safety	Lighting Systems of rail stations	CFR Infrastructure	No
355	104.	Rail	Maintenance and operation of railway infrastructure	Solution extension OCC / CMT on the section Predeal - Constanta	CFR Infrastructure	No
356	105.	Rail	Maintenance and operation of railway infrastructure	Maintenance and actual repairings at public rail infrastructure - 2014-2020 period	CFR Infrastructure	Yes
357	106.	Rail	Maintenance and operation of railway infrastructure	Maintenance and actual repairings at public rail infrastructure 2021-2030 period	CFR Infrastructure	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt.	Mode	Category	Project Title	Beneficiary	Modellable Yes/No
358	107.	Rail	Maintenance and operation of railway infrastructure	Capital repairings for 2021-2030 period	CFR Infrastructure	Yes
359	108.	Rail	Maintenance and operation of railway infrastructure	Capital repairings (RK) at public rail infrastructure –2017-2020 period	CFR Infrastructure	Yes
360	109.	Rail	Maintenance and operation of railway infrastructure	Capital repairings (RK) at public rail infrastructure –2014-2016 period	CFR Infrastructure	Yes
361	110.	Rail	Maintenance and operation of railway infrastructure	Review of current maintenance practices to improve access to the network during the day and increasing the availability of services	CFR Infrastructure	No
363	111.	Rail	Port rail infrastructure	Rail infrastructure near Gate 10 in Constanta Port	CFR Infrastructure	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**Water Sector**

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
364	1.	Naval	Improved navigation on the fairway	Dredging and other measures to improve navigation on the Danube	AFDJ Galati	Yes
365	2.	Naval	Improved navigation on the fairway	Improvement of navigation on the Danube Portile de Fier II – Calarasi sector	AFDJ Galati	Yes
367	3.	Naval	Improved navigation on the fairway	Increased maintenance budgets to ensure uniformity across borders	AFDJ Galati	No
368	4.	Naval	Improved navigation on the fairway	Protection and enforcing high banks of the Danube-Black Sea Canal	ACN Constanta	Yes
369	5.	Naval	Improved navigation on the fairway	Protection and enforcing high banks of Poarta Alba-Midia Navodari Canal	ACN Constanta	Yes
370	6.	Naval	Improved navigation on the fairway	Rehabilitation of collection system of surface waters and erosion protection, and protection against isolated stones falling at Cernavoda	ACN Constanta	No
372	7.	Naval	Improved navigation on the fairway	Landscaping the ships passing between Bief II CPAMN and Lake Siutghiol (shuttle leisure ships Mamaia Sat area)	ACN Constanta	No
373	8.	Naval	Port infrastructure on Danube River	Rationalize and efficient use of available space (Drobeta	APDF Giurgiu	No
374	9.	Naval	Port infrastructure on Danube River	New trimodal terminal in the port of Drobeta Turnu Severin	APDF Giurgiu	Yes
375	10.	Naval	Port infrastructure on Danube River	New trimodal terminal in the port Giurgiu / Oltenița	APDF Giurgiu	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
376	11.	Naval	Port infrastructure on Danube River	Infrastructure development in Drobeta-Turnu Severin port DANUBE - Danube network access - Unlocking circulation in Europe through the development in Romania of TEN-T high quality port infrastructure in optimal economic conditions - Drobeta Turnu Severin Port	APDF Giurgiu	Yes
377	12.	Naval	Port infrastructure on Danube River	Infrastructure development in Giurgiu port CEF Multimodal platform development in Giurgiu port and hinterland connections	APDF Giurgiu	Yes
378	13.	Naval	Port infrastructure on Danube River	Calafat port infrastructure development, including railway Calafat port infrastructure expansion (km 795) and systematization of the port rail device (ISPA)	APDF Giurgiu	Yes
379	14.	Naval	Port infrastructure on Danube River	D.A.N.U.B.E. - Danube network access - Unlocking movement in Europe through the development of high quality TEN-T ports infrastructure in Romania in optimal conditions - Port Calafat	APDF Giurgiu	Yes
380	15.	Naval	Port infrastructure on Danube River	Port infrastructure development in Cernavoda D.A.N.U.B.E. - Danube network access - Unlocking movement in Europe through the development of high quality TEN-T ports infrastructure in Romania in optimal conditions - Port Cernavoda	APDF Giurgiu	Yes
381	16.	Naval	Port infrastructure on Danube River	Port infrastructure development in Moldova Veche D.A.N.U.B.E. - Danube network access - Unlocking movement in Europe through the development of high quality TEN-T ports infrastructure in Romania in optimal conditions - Port Moldova Veche	APDF Giurgiu	Yes
382	17.	Naval	Port infrastructure on Danube River	Port infrastructure development Oltenița Rehabilitation and modernisation of port infrastructure in Oltenița port - stage II	APDF Giurgiu	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
383	18.	Naval	Port infrastructure on Danube River	Modernisation of Corabia port Rehabilitation and modernisation of water transport infrastructure in ports outside the TEN-T network- Corabia Port	APDF Giurgiu	Yes
384	19.	Naval	Port infrastructure on Danube River	Modernisation of Orșova port Rehabilitation and modernisation of water transport infrastructure in ports outside the TEN-T network - Orsova Port	APDF Giurgiu	Yes
385	20.	Naval	Port infrastructure on Danube River	Rehabilitation and modernisation of water transport infrastructure in ports outside the TEN-T network - Bazias Port	APDF Giurgiu	Yes
386	21.	Naval	Port infrastructure on Danube River	Rehabilitation and modernisation of water transport infrastructure in ports outside the TEN-T network - Cetate Port	APDF Giurgiu	Yes
387	22.	Naval	Port infrastructure on Danube River	D.A.N.U.B.E. - Danube network access - unlocking movement in Europe through the development of high quality TEN-T port infrastructure in Romania in optimal economic conditions - 2007-EN-92301-S Giurgiu Port	APDF Giurgiu	Yes
388	23.	Naval	Port infrastructure on Danube River	D.A.N.U.B.E. - Danube network access - unlocking movement in Europe through the development of high quality TEN-T port infrastructure in Romania in optimal economic conditions - 2007-RO-92301-S- Calarasi Port	APDF Giurgiu	Yes
389	24.	Naval	Port infrastructure on Danube River	Rehabilitation and modernisation of water transport infrastructure in ports outside the TEN-T network - Bechet Port	APDF Giurgiu	Yes
390	25.	Naval	Port infrastructure on the maritime Danube	SPECIALIZED FACILITIES FOR GRAIN TRAFFIC IN DOCKS TERMINAL, GALATI PORT - CAPACITY OF OPERATION DEVELOPMENT	APDM Galati	Yes
391	26.	Naval	Port infrastructure on the maritime Danube	INTERMODAL TERMINAL IN GALATI PORT AND INTERIOUR CONECTIONS - CEF	APDM Galati	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
392	27.	Naval	Port infrastructure on the maritime Danube	SPECIALISED BERTHS FOR CARGO IN BULK IN GALATI PORT	APDM Galati	Yes
393	28.	Naval	Port infrastructure on the maritime Danube	SPECIALISED BERTHS FOR GRAINS - GALATI MULTIPOINT PLATFORM, TULCEA COMMERCIAL TERMINAL	APDM Galati	Yes
394	29.	Naval	Port infrastructure on the maritime Danube	Mahmudia Port Development	APDM Galati	Yes
395	30.	Naval	Port infrastructure on the maritime Danube	Macin Port Development	APDM Galati	Yes
396	31.	Naval	Port infrastructure on the maritime Danube	Sulina Port Development	APDM Galati	Yes
397	32.	Naval	Port infrastructure on the maritime Danube	Isaccea Port Development	APDM Galati	Yes
398	33.	Naval	Port infrastructure on the maritime Danube	Tulcea Port Development	APDM Galati	Yes
399	34.	Naval	Port infrastructure on the maritime Danube	Multiport Galati Platform - Improving accessibility in port areas	APDM Galati	Yes
400	35.	Naval	Port infrastructure on the maritime Danube	Multiport Galati Platform - Romania-Ukraine border linkages Improvement	APDM Galati	Yes
401	36.	Naval	Port infrastructure on the maritime Danube	MULTIPOINT GALATI PLATFORM - SPECIALIZED FACILITIES FOR GRAIN TRAFFIC IN BRAILA TERMINAL	APDM Galati	Yes
402	37.	Naval	Port infrastructure on the maritime Danube	MULTIPOINT GALATI PLATFORM - INTERMODAL FACILITIES IN BRAILA TERMINAL	APDM Galati	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
403	38.	Naval	Port infrastructure on the maritime Danube	STRATEGIC DEVELOPMENT PROGRAM OF GALATI PORT	APDM Galati	Yes
404	39.	Naval	Port infrastructure on the maritime Danube	Integrated development of port infrastructure managed by APDM Galati to revitalize passenger ship traffic on the Danube	APDM Galati	Yes
405	40.	Naval	Port infrastructure on the maritime Danube	Traffic management in integrated platform in Maritime Danube Ports managed by APDM Galati	APDM Galati	Yes
406	41.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Modernisation of port infrastructure in Basarabi Port	ACN Constanta	Yes
407	42.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Modernisation of port infrastructure in Medgidia Port	ACN Constanta	Yes
408	43.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Completion of operation berth 320m (Danele 16,17,18) in Medgidia Port	ACN Constanta	Yes
409	44.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Operation capacity extension in Liminita Port - stage 1	ACN Constanta	Yes
410	45.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Operation capacity extension in Ovidiu Port - stage 1, right bank CPAMN	ACN Constanta	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
411	46.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Operation capacity extension in Ovidiu Port - stage 2, left bank CPAMN	ACN Constanta	Yes
412	47.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Rehabilitation of waiting front DucD'Albi type downstream Medgidia Port	ACN Constanta	No
413	48.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Rehabilitation of waiting front DucD'Albi type upstream Medgidia Port	ACN Constanta	No
414	49.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Rehabilitation of waiting front DucD'Albi type upstream Basarabi Port	ACN Constanta	No
415	50.	Naval	Port infrastructure on Danube-Black Sea Canal and Poarta Alba - Midia Navodari Canal	Rehabilitation of access routes in navigable canals' ports (Medgidia, Basarabi, Ovidiu and Luminita)	ACN Constanta	No
417	51.	Naval	Port infrastructure in Constanta Port	New container terminals in Constanța South Port (moles III and IV south)	APM Constanta	Yes
418	52.	Naval	Port infrastructure in Constanta Port	5.a2. Barge terminal - stage 2	APM Constanta	No
419	53.	Naval	Port infrastructure in Constanta Port	5.a3. Development of island area from Constanta Port	APM Constanta	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
420	54.	Naval	Port infrastructure in Constanta Port	5.a4.Quay at the access of Danube-Black Sea Canal	APM Constanta	No
421	55.	Naval	Port infrastructure in Constanta Port	5b1. Modernisation of electricity distribution infrastructure and production and distribution of thermal energy	APM Constanta	No
422	56.	Naval	Port infrastructure in Constanta Port	5b2. Expansion and modernisation of water and sewerage infrastructure in seaports Constanta	APM Constanta	No
423	57.	Naval	Port infrastructure in Constanta Port	5c1. Consolidation, stabilization and landscaping of adjacent areas to the Constanta seaport, under the administration C.N. "A.P.M." S.A Constanta	APM Constanta	No
424	58.	Naval	Port infrastructure in Constanta Port	5c2. South dam of Tomis Touristical Port for landscaping the access mouth	APM Constanta	No
425	59.	Naval	Port infrastructure in Constanta Port	5c3. Providing specialized vessels	APM Constanta	No
426	60.	Naval	New waterways	Landscaping Arges and Dambovita rivers for navigation and other uses (Danube-Bucharest Canal)	ACN Constanta	Yes
427	61.	Naval	Associated projects	Improving road / rail connections in the following key ports: Galati, Calafat, Giurgiu, Drobeta, Braila	APDF Giurgiu	No
428	62.	Naval	Associated projects	Improving road and rail access towards intermodal terminals from Constanța port	APM Constanta	No
429	63.	Naval	Associated projects	1.1. Road bridge over the connecting canal in the river-sea area and road network connections with interior and exterior of Constanta Port	APM Constanta	No
430	64.	Naval	Associated projects	1.2.Extension to four lanes of the road between Gate 7 and objective junction of "Road bridge at km 0 + 540 of the Danube-Black Sea Canal" with the road that makes the connection between Gate 9 and Gate 8 to the north area of Constanta port	APM Constanta	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
431	65.	Naval	Associated projects	1.3. Extension to four lanes of the existing road between Gate 10bis and Gate 10 and systematizing the area behind the gate 10 - Constanta port	APM Constanta	No
432	66.	Naval	Associated projects	1.4. Industrial railway lines device in the Gate 10 area - Constanta Port	APM Constanta	No
433	67.	Naval	Safety, environmental and technical assistance projects	Purchase of two multifunctional ships (depollution, fire fighting, hydrographic measurements)	ACN Constanta	No
434	68.	Naval	Safety, environmental and technical assistance projects	Investing in the acquisition of facilities for ice breaking including repairment of Perseus ship	AFDJ Galati	No
435	69.	Naval	Safety, environmental and technical assistance projects	A package of measures such as improving maintenance, dredging, navigation, etc. to increase the sustainability of the river and port network	Transportation Ministry	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

**Air Sector**

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
436	1.	Air	Development of airport infrastructure	Strategic airport infrastructure development program of Bucharest Henri Coanda Airport - New connections with the terrestrial transport system - Bucharest Henri Coanda Airport (road, railway, subway)	CN Bucuresti Airports	No
437	2.	Air	Development of airport infrastructure	Strategic airport infrastructure development program of Bucharest Henri Coanda Airport - Development of a new passenger terminal and the related infrastructure to the Bucharest Henri Coanda Airport Coanda and storey car parks	CN Bucuresti Airports	No
438	3.	Air	Development of airport infrastructure	Strategic airport infrastructure development programe of Bucharest Henri Coanda Airport - Development of a multimodal cargo platforme to process the freight traffic and post through the development of the necessary infrastructure.	CN Bucuresti Airports	No
439	4.	Air	Development of airport infrastructure	Rehabilitation and modernisation of PDA1 track related to the Bucharest Henri Coanda Airport	CN Bucuresti Airports	No
440	5.	Air	Development of airport infrastructure	Rehabilitation of the rolling tracks Bravo, Alfa, November and Whiskey at Bucharest Henri Coanda Airport	CN Bucuresti Airports	No
441	6.	Air	Development of airport infrastructure	Rehabilitation of the stationary platform 1 at Bucharest Henri Coanda International Airport	CN Bucuresti Airports	No
442	7.	Air	Development of airport infrastructure	Rehabilitation of the stationary platform 2 at Bucharest Henri Coanda International Airport	CN Bucuresti Airports	No
443	8.	Air	Development of airport infrastructure	Rehabilitation CR PAPA and over-widening of intersections of rolling tracks related to Bucharest Henri Coanda Airport	CN Bucuresti Airports	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
444	9.	Air	Development of airport infrastructure	Rehabilitation of Golf and Oscar rolling tracks, including the platform for aircraft turning, at PDA 2 level at Bucharest Henri Coanda International Airport	CN Bucuresti Airports	No
445	10.	Air	Development of airport infrastructure	Development programme of the airport infrastructure related to Bucharest Henri Coanda International Airport - Extension of taxi system and development of 56 new platforms for aircrafts with D and E code.	CN Bucuresti Airports	No
446	11.	Air	Development of airport infrastructure	Construction of the Intermodal Terminal at Timișoara Airport (passenger terminal).	CN Traian Vuia Timisoara Airport	No
447	12.	Air	Development of airport infrastructure	Cargo terminal related to Timișoara Airport	CN Traian Vuia Timisoara Airport	No
448	13.	Air	Development of airport infrastructure	Terminal modernisation related to Cluj - Napoca Airport	Cluj-Napoca Airport	No
449	14.	Air	Development of airport infrastructure	Construction of a freight terminal at Cluj-Napoca Airport	Cluj-Napoca Airport	No
450	15.	Air	Development of airport infrastructure	Construction of movement areas - Cluj Napoca Airport	Cluj-Napoca Airport	No
451	16.	Air	Development of airport infrastructure	Construction of a stationary freight platform Cluj-Napoca Airport	Cluj-Napoca Airport	No
452	17.	Air	Development of airport infrastructure	Construction of new running belts and new stationary platforms for the aircrafts C/D/E type at Cluj-Napoca Airport	Cluj-Napoca Airport	No
453	18.	Air	Development of airport infrastructure	Development and modernisation of the Iași International Airport - Module 1 (illuminating system)	Iasi Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
454	19.	Air	Development of airport infrastructure	Development and modernisation of the Iași International Airport - Module 2 – Passengers Terminal	Iasi Airport	No
455	20.	Air	Development of airport infrastructure	Development and modernisation of the Iași International Airport - Module 3 (Freight Terminal) Air-Road	Iasi Airport	No
456	21.	Air	Development of airport infrastructure	Development and modernisation of the Iași International Airport - Module 1 (platforms)	Iasi Airport	No
457	22.	Air	Development of airport infrastructure	Development and modernisation of the Iași International Airport - Module - 4 (parking hangar and aircraft maintenance)	Iasi Airport	No
458	23.	Air	Development of airport infrastructure	Extension of passenger terminal at Craiova Airport	Craiova Airport	No
459	24.	Air	Development of airport infrastructure	Modernisation of takeoff – landing runway - Craiova Airport	Craiova Airport	No
460	25.	Air	Development of airport infrastructure	Extension of passenger terminal at Bacau Airport	Bacau Airport	No
461	26.	Air	Development of airport infrastructure	Modernisation and air transport infrastructure development, increase the bearing capacity of the takeoff – landing runway and of the movement areas at "G. Enescu" International Airport Bacau	Bacau Airport	No
462	27.	Air	Development of airport infrastructure	Illumination system and buoyage for motion areas Constanta Airport	CN Mihail Kogalniceanu Airport Constanta	No
463	28.	Air	Development of airport infrastructure	Extension of the freight terminal to include higher value products in Constanta Airport	CN Mihail Kogalniceanu Airport Constanta	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
464	29.	Air	Development of airport infrastructure	Aircraft turning facilities at 18 Verge International Constanța Airport	CN Mihail Kogalnicean u Airport Constanta	No
465	30.	Air	Development of airport infrastructure	Construction of passenger terminal and additional facilities (offices, business and passenger spaces) International Airport Constanta	CN Mihail Kogalnicean u Airport Constanta	No
466	31.	Air	Development of airport infrastructure	Development and modernisation of Constanta International Airport: Module I - Cargo Terminal and facilities (access road from DN2A)	CN Mihail Kogalnicean u Airport Constanta	No
467	32.	Air	Development of airport infrastructure	Development and modernisation of Constanta CN Mihail Kogalniceanu International Airport: Module 2 – Airport equipment hall	CN Mihail Kogalnicean u Airport Constanta	No
468	33.	Air	Development of airport infrastructure	Development and modernisation of Constanta CN Mihail Kogalniceanu International Airport: Module 3 - Extension and modernisation of passenger terminal and rehabilitation of road surfaces and the related pedestrian ones	CN Mihail Kogalnicean u Airport Constanta	No
469	34.	Air	Development of airport infrastructure	Modernisation and rehabilitation of power system International Constanta Airport	CN Mihail Kogalnicean u Airport Constanta	No
470	35.	Air	Development of airport infrastructure	Modernisation of buoyage and signalling systems at Târgu Mureș Airport	Targu Mures Airport	No
471	36.	Air	Development of airport infrastructure	Extension of passenger terminal at Targu Mures Airport	Targu Mures Airport	No
472	37.	Air	Development of airport infrastructure	Extension of platform - Targu Mureș Airport	Targu Mures Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
473	38.	Air	Development of airport infrastructure	Freight terminal and additional facilities - Târgu Mureș Airport	Targu Mures Airport	No
474	39.	Air	Development of airport infrastructure	Extension of takeoff – landing runway and stationing platform and additional facilities Targu Mures Airport	Targu Mures Airport	No
475	40.	Air	Development of airport infrastructure	Extension platform -Targu Mures Airport	Targu Mures Airport	No
476	41.	Air	Development of airport infrastructure	Moving from Category I lighting system at Category II at threshold 09 Sibiu Airport	Sibiu Airport	No
477	42.	Air	Development of airport infrastructure	Moving from Category I lighting system at Category II at threshold 27 Sibiu Airport	Sibiu Airport	No
478	43.	Air	Development of airport infrastructure	Extension of Sibiu Airport passenger terminal	Sibiu Airport	No
479	44.	Air	Development of airport infrastructure	Runway construction for freight terminal Sibiu Airport	Sibiu Airport	No
480	45.	Air	Development of airport infrastructure	Widening the rolling track November - Sibiu Airport	Sibiu Airport	No
481	46.	Air	Development of airport infrastructure	Widening the rolling track Whiskey - Sibiu Airport	Sibiu Airport	No
482	47.	Air	Development of airport infrastructure	Extension of the rolling track November - Sibiu Airport	Sibiu Airport	No
483	48.	Air	Development of airport infrastructure	Extension of old platform - Sibiu Airport	Sibiu Airport	No
484	49.	Air	Development of airport infrastructure	Installing the buoyage system at the rolling track November - Sibiu Airport	Sibiu Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
485	50.	Air	Development of airport infrastructure	Enhancement PDA LRSB Pocket at Sibiu Airport	Sibiu Airport	No
486	51.	Air	Development of airport infrastructure	Construction of passenger and freight terminal at Oradea Airport	Oradea Airport	No
487	52.	Air	Development of airport infrastructure	Construction control tower at Oradea Airport	Oradea Airport	No
488	53.	Air	Development of airport infrastructure	Construction, extension and modernisation passenger terminals at Oradea Airport	Oradea Airport	No
489	54.	Air	Development of airport infrastructure	Modernisation of takeoff – landing runway and platform at Oradea Airport	Oradea Airport	No
490	55.	Air	Development of airport infrastructure	Modernisation of takeoff – landing runway at Suceava Airport	Suceava Airport	No
491	56.	Air	Development of airport infrastructure	Extension passenger terminal at Arad Airport	Arad Airport	No
492	57.	Air	Development of airport infrastructure	Development and modernisation of Arad Airport	Arad Airport	No
493	58.	Air	Development of airport infrastructure	Modernisation of the B, C, D rolling tracks at Arad Airport	Arad Airport	No
494	59.	Air	Development of airport infrastructure	Control firefighting tower and electric system at Arad Airport	Arad Airport	No
495	60.	Air	Development of airport infrastructure	Rehabilitation and modernisation of running areas at Satu Mare Airport	Satu Mare Airport	No
496	61.	Air	Development of airport infrastructure	Extension of Satu Mare Airport	Satu Mare Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
497	62.	Air	Development of airport infrastructure	Modernisation takeoff – landing runway at Baia Mare Airport	Baia Mare Airport	No
498	63.	Air	Development of airport infrastructure	Consolidation and extension of running areas at Baia Mare Airport	Baia Mare Airport	No
499	64.	Air	Development of airport infrastructure	Extension of passenger terminal at Baia Mare Airport	Baia Mare Airport	No
500	65.	Air	Development of airport infrastructure	Parking hangar and aircraft and helicopters maintenance and associated running areas - Baia Mare Airport	Baia Mare Airport	No
501	66.	Air	Development of airport infrastructure	Cargo terminal and intermodal facility at Baia Mare Airport	Baia Mare Airport	No
502	67.	Air	Development of airport infrastructure	Terminal cargo runway at Baia Mare Airport	Baia Mare Airport	No
503	68.	Air	Development of airport infrastructure	Strategic Development Program of airport infrastructure - Bucharest Băneasa (Aurel Vlaicu)	CN Bucuresti Airports	No
504	69.	Air	Development of airport infrastructure	Extension and modernisation TUZLA Airport	Tuzla Airport	No
505	70.	Air	Development of airport infrastructure	Modernisation of running areas, extending the runway and platform and boarding / unboarding platform at Tulcea Airport	Tulcea Airport	No
506	71.	Air	Development of airport infrastructure	TULCEA cargo and passengers terminal	Tulcea Airport	No
507	72.	Air	Development of airport infrastructure	Cluj Napoca public infrastructure	Cluj-Napoca Airport	No
508	73.	Air	Development of airport infrastructure	Cluj Napoca Intermodal Terminal	Cluj-Napoca Airport	No
509	74.	Air	Development of airport infrastructure	Takeoff – landing runway 07-25 stage 2 and running surfaces Cluj Napoca	Cluj-Napoca Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
510	75.	Air	Development of airport infrastructure	Modernisation and development of air transport infrastructure at G. Enescu International Airport Bacau	Bacau Airport	No
511	76.	Air	Development of airport infrastructure	Multimodal platform Transilvania Tg.Mures Airport	Tg. Mures Airport	No
512	77.	Air	Development of airport infrastructure	Cargo terminal and facilities, intermodal terminals, aviation-business / intergovernmental terminal, general aviation terminal Sibiu	Sibiu Airport	No
513	78.	Air	Air transport safety	Icing equipment purchases for Targu Mures Airport	Targu Mures Airport	No
514	79.	Air	Air transport safety	Purchasing icing equipment for Sibiu Airport	Sibiu Airport	No
515	80.	Air	Air transport safety	Purchasing icing equipment for Suceava Airport	Suceava Airport	No
516	81.	Air	Air transport safety	Improving aviation safety and security	MT	No
517	82.	Air	Air transport safety	Construction of smart fence and perimeter road at Oradea Airport	Oradea Airport	No
518	83.	Air	Air transport safety	Security perimeter system at Baia Mare Airport	Baia Mare Airport	No



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

## Intermodal Transport

No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
519	1	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Pitesti	CFR Infrastructure + Local and county authorities	Yes
520	2	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Timisoara	CFR Infrastructure + Local and county authorities	Yes
521	3	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Arad	CFR Infrastructure + Local and county authorities	Yes
522	4	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Brasov	CFR Infrastructure + Local and county authorities	Yes
523	5	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Constanta	CFR Infrastructure + Local and county authorities	Yes
524	6	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Sibiu	CFR Infrastructure + Local and county authorities	Yes
525	7	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Oradea	CFR Infrastructure + Local and county authorities	Yes
526	8	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Ploiesti	CFR Infrastructure + Local and county authorities	Yes
527	9	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Craiova	CFR Infrastructure + Local and county authorities	Yes
528	1	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Cluj-Napoca	CFR Infrastructure + Local and county authorities	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



No. allocated in the list	No. crt	Mode	Category	Project Title	Beneficiary	Modellable? Yes/No
529	1	Intermodal	Intermodal transport infrastructure	Construction of an additional intermodal terminal in București	CFR Infrastructure + Local and county authorities	Yes
530	1	Intermodal	Intermodal transport infrastructure	Development of an intermodal transport center with facilities for access to road, rail and air transport in Ilfov County	CFR Infrastructure + Local and county authorities	Yes



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**ANNEX 3A – List of selected projects to be included in the GTMP – development scenario –  
31.08.2014****Road Sector**

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost		
	H0	Safety Interventions	n/a	n/a	<b>18.5%</b>	150.0	150.0	2014-2020	
1	<b>Selected Level 1</b>	H7	Sibiu-Brasov Motorway	Comprehensive TEN-T link	57.6	<b>17.3%</b>	689.8	689.8	2014-2020
2		H8	Ploiesti-Comarnic Motorway	Comprehensive TEN-T link	39.4	<b>12.5%</b>	310.4	1,000.3	2014-2020
3		H1	Comarnic-Brasov Motorway	Comprehensive TEN-T link	15.5	<b>8.8%</b>	1,117.0	2,987.5	2014-2020
4		H6	Craiova-Pitesti Motorway	Comprehensive TEN-T link	34.4	<b>12.2%</b>	870.3	1,870.6	2014-2020
5		H12	Brasov-Bacau Motorway	Comprehensive TEN-T link	14.9	<b>7.1%</b>	2,067.6	5,055.2	2021-2030
1	<b>Level 2</b>	OR7A	Bacau- Suceava Expressway	Core TEN-T link	70.2	<b>12.6%</b>	645.4	5,876.3	2021-2030
2		OR13C	Buzau-Focsani Expressway	Core TEN-T link	60.8	<b>12.0%</b>	282.0	6,344.4	2021-2030
3		OR18B	Bucharest Southern Ring Road Upgrade	Core TEN-T link	71.0	<b>14.5%</b>	175.7	5,230.9	2014-2020
4		OR7B	Suceava-Siret Expressway	Core TEN-T link	65.1	<b>11.7%</b>	186.1	6,062.4	2021-2030
5		OR6B	Bacau-Focsani-Braila-Galati Expressway	Comprehensive TEN-T link	46.5	<b>11.2%</b>	1,024.2	7,368.6	2021-2030
6		OR10	Lugoj- Craiova Expressway	Core TEN-T link	40.1	<b>10.0%</b>	1,810.9	11,434.5	2021-2030
7		OR9B	Turda-Halmeu Expressway	Other links	44.0	<b>13.5%</b>	975.4	8,344.0	2021-2030
8		OR15	Sibiu-Pitesti Expressway	Core TEN-T link	36.4	<b>9.3%</b>	1,976.9	14,363.2	2021-2030
9		OR17	Gaesti-Ploiesti-Buzau-Braila Expressway	Comprehensive TEN-T link	43.4	<b>11.9%</b>	1,279.6	9,623.6	2021-2030
10		OR19	Bucuresti-Alexandria-Craiova Expressway	Core TEN-T link	37.3	<b>8.1%</b>	951.8	12,386.3	2021-2030
11		OR13a	Pascani-Iasi-Ungheni Expressway	Core TEN-T link	33.6	<b>7.4%</b>	550.0	16,446.8	2021-2030
12	OR12	Gilau-Bors Expressway	Comprehensive TEN-T link	36.1	<b>9.2%</b>	1,533.6	15,896.8	2021-2030	



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost		
13	OR13	Targu Mures-Pascani Expressway	Core TEN-T link	31.9	<b>8.4%</b>	3,550.0	20,342.6	After 2030	
14	OR8	Bacau-Piatra Neamt Expressway	Other links	19.4	<b>10.6%</b>	335.1	22,520.3	After 2030	
15	OR14	Brasov-Pitesti Expressway	Comprehensive TEN-T link	25.4	<b>9.1%</b>	1,842.6	22,185.2	After 2030	
16	OR7C	Suceava-Botosani Expressway	Secondary connectivity with TEN-T	32.3	<b>8.9%</b>	345.8	16,792.6	After 2030	
17	OR11	Constanta-Tulcea-Braila Expressway (including Braila Bridge)	Comprehensive TEN-T link	17.1	<b>5.4%</b>	1,369.3	23,889.7	After 2030	
1	Bypasses	BP12	Adjud	Core TEN-T link	56.6	<b>19.0%</b>	46.2	124.2	2014-2020
2		BP10	Targoviste	Comprehensive TEN-T link	57.0	<b>22.7%</b>	78.0	78.0	2014-2020
3		BP4	Roman	Core TEN-T link	47.9	<b>15.9%</b>	62.0	186.1	2021-2030
4		BP11	Filiasi	Core TEN-T link	46.9	<b>15.6%</b>	27.7	213.8	2021-2030
5		BP15	Falticeni	Core TEN-T link	40.1	<b>13.2%</b>	41.3	255.1	2021-2030
6		BP5	Focsani	Core TEN-T link	39.9	<b>13.1%</b>	76.1	331.2	2021-2030
7		BP3	Sighisoara	Comprehensive TEN-T link	37.6	<b>15.8%</b>	47.7	378.9	2021-2030
8		BP14	Ludus	Comprehensive TEN-T link	24.5	<b>11.2%</b>	102.5	481.3	2021-2030
9		BP7	Buzau	Core TEN-T link	23.9	<b>7.5%</b>	104.8	586.2	2021-2030
10		BP6	Ramnicu Sarat	Core TEN-T link	22.0	<b>6.8%</b>	37.0	623.2	2021-2030
11		BP9	Ramnicu Valcea	Core TEN-T link	20,5	<b>6,2%</b>	195,4	818,6	2021-2030
12		BP16	Caransebes	Core TEN-T link	18,9	<b>5,7%</b>	80,8	941,6	2021-2030
13		BP17	Beclean	Comprehensive TEN-T link	19,7	<b>8,4%</b>	42,2	860,8	2021-2030



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**Naval sector**

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost	Implementation period
1	P-GL-S	Galati Port	Core TEN-T link	74,0	<b>39,9%</b>	17,6	17,6	2014-2020
2	P-GR-S	Giurgiu Port	Core TEN-T link	51,7	<b>24,3%</b>	4,3	22,0	2014-2020
3	P-DB-S	Drobeta Turnu Severin Port	Core TEN-T link	49,4	<b>22,8%</b>	17,3	44,9	2014-2020
4	P-CV-S	Cernavoda Port	Core TEN-T link	48,9	<b>22,4%</b>	6,9	51,8	2014-2020
5	P-OT-S	Oltenita Port	Comprehensive TEN-T link	50,0	<b>30,1%</b>	5,6	27,5	2014-2020
6	W1	Dredging and other works on the commune sector Danube Ro-Bg	Core TEN-T link	30,9	<b>19,6%</b>	103,3	167,4	2014-2020
7	P-OV-S	Orsova Port	Comprehensive TEN-T link	42,4	<b>24,8%</b>	7,8	59,6	2014-2020
8	P-CB-S	Corabia Port	Other links	32,8	<b>25,1%</b>	4,5	64,1	2014-2020
9	P-CO-S	Constanta Port	Core TEN-T link	29,5	<b>8,9%</b>	351,1	518,5	2021-2030
10	W36	Navigation connection Bucuresti - Dunare	Core TEN-T link	10,0	4,7%	1.500,8	2.023,0	After 2030
11	P-MV-S	Moldova Veche Port	Comprehensive TEN-T link	17,2	<b>7,2%</b>	3,7	522,2	2021-2030

**Air Sector**

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost	Implementation period
1	A8	Oradea	Comprehensive TEN-T link	50,0	<b>48,0%</b>	1,2	1,2	2014-2020
2	A10	Sibiu	Comprehensive TEN-T link	34,8	<b>34,9%</b>	51,0	52,2	2014-2020
3	A11	Suceava	Comprehensive TEN-T link	31,2	<b>31,8%</b>	3,2	55,5	2014-2020
4	A3	Bucuresti	Core TEN-T link	18,1	<b>12,0%</b>	247,3	302,7	2021-2030
5	A13	Timisoara	Core TEN-T link	10,9	<b>5,7%</b>	78,3	438,4	2021-2030
6	A7	Iasi	Comprehensive TEN-T link	14,4	<b>17,4%</b>	10,8	313,5	2021-2030
7	A6	Craiova	Comprehensive TEN-T link	12,4	<b>15,7%</b>	46,6	360,1	2021-2030
8	A16	Tulcea	Comprehensive TEN-T link	10,3	<b>13,8%</b>	17,0	455,4	2021-2030
9	A1	Bacau	Comprehensive TEN-T link	6,8	<b>10,9%</b>	86,6	542,0	After 2030
10	A2	Baia Mare	Comprehensive TEN-T link	6,3	<b>10,4%</b>	2,3	544,3	After 2030
11	A5	Constanta	Comprehensive TEN-T link	5,8	<b>10,0%</b>	1,6	545,9	After 2030
12	A12	Targu Mures	Other links	1,1	<b>14,5%</b>	4,2	588,2	After 2030
13	A4	Cluj	Comprehensive TEN-T link	3,6	<b>8,1%</b>	38,1	584,0	After 2030



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

## Sector transport intermodal

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost	Implementation period
1	I-TM-S	Timisoara IMT	Core TEN-T link	80,0	<b>24,4%</b>	1,5	1,5	2014-2020
2	I-CJ-S	Cluj-Napoca IMT	Core TEN-T link	54,5	<b>14,5%</b>	5,3	6,8	2014-2020
3	I-BC-S	Bacau IMT	Core TEN-T link	54,2	<b>14,4%</b>	5,3	12,0	2014-2020
4	I-SU-S	Suceava IMT	Core TEN-T link	54,0	<b>14,3%</b>	5,3	17,3	2014-2020
5	I-BU-S	Bucuresti IMT	Core TEN-T link	52,7	<b>13,8%</b>	18,0	35,3	2014-2020
6	I-IS-S	Iasi IMT	Core TEN-T link	48,1	<b>12,0%</b>	4,0	39,3	2014-2020
7	I-OR-S	Oradea IMT	Comprehensive TEN-T link	34,5	<b>10,6%</b>	5,3	44,5	2014-2020
8	I-TU-S	Turda IMT	Core TEN-T link	34,1	<b>6,6%</b>	5,3	49,8	2014-2020
9	I-DB-S	Drobeta Turnu Severin IMT	Core TEN-T link	31,6	<b>5,6%</b>	8,0	75,8	2021-2030
10	I-GL-S	Galati IMT	Core TEN-T link	30,0	4,7%	23,0	98,8	2021-2030
11	I-CR-S	Craiova IMT	Core TEN-T link	34,1	<b>6,6%</b>	18,0	67,8	2021-2030

## Rail Sector

	Code	Project Description	TEN-T	Score	EIRR	Cost (2014 prices)	Cumulated Cost	Implementation period
1	DS02A	Bucharest to Constanta. Rehabilitation to design speed.	Core TEN-T link	41,1	<b>8,3%</b>	20,0	163,7	2014-2020
2	DS01A	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed.	Core TEN-T link	26,9	<b>5,6%</b>	1.692,8	1,856,5	2021-2030
3	DS10A	Bucharest to Giurgiu via Gradistea. Rehabilitation to design speed and electrification.	Core TEN-T link	80,0	<b>14,7%</b>	143,7	143,7	2014-2020
4	DS04A	Bucharest to Iasi via Bacau + Buzau to Galati + Pascani to Ukraine. Rehabilitation to design speed.	Core TEN-T link	30,8	<b>6,3%</b>	3.267,6	5,124,1	2014-2020
5	DS05B	Bucharest to Sibiu via Pitesti and Ramnicu Valcea. New link, rehabilitation to design speed and electrification.	Comprehensive TEN-T link	27,4	<b>8,4%</b>	1.207,2	6,514,8	2021-2030
6	DS03A	Bucharest to Arad via Craiova and Timisoara. Rehabilitation to design speed.	Core TEN-T link	26,3	<b>5,4%</b>	2.385,0	8,899,8	2021-2030
7	DS06A	Craiova to Calafat. Rehabilitation to design speed.	Core TEN-T link	30,0	4,5%	183,4	5,307,6	2021-2030
8	DS07C	Cluj-Napoca to Oradea, electrification and rehabilitation to design speed.	Core TEN-T link	15,0	4,8%	148,0	9,047,8	2021-2030
9	DS08A	Oradea to Timisoara, Rehabilitation to design speed	Comprehensive TEN-T link	14,0	3,3%	351,2	9,399,0	2021-2030



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI

Instrumente structurale  
2007-2013Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.**ANNEX 3B– List of selected projects to be included in the GTMP - „Core TEN-T” scenario - 31.08.2014****Road Sector**

No	Code	Project description	Length (km)	NPV mill EU	BCR	EIRR	MCA scor	Justification
1	OR18B	Bucharest Southern Ring Road Upgrade to 4 lanes	35	380	4.4	14.5%	100.0	TEN-T Core Network completion until 2030
2	H2	Sibiu-Pitesti Motorway	120	3,301	3.0	12.1%	74.7	TEN-T Core Network completion until 2030
3	H11a	Ploiesti-Bacau Motorway	200	2,124	2.6	11.0%	63.6	TEN-T Core Network completion until 2030
4	H11	Bacau-Suceava-Siret Motorway	225	2,093	2.6	11.0%	63.6	TEN-T Core Network completion until 2030
5	H13a	Campia Turzii - Targu Mures Motorway	60	825	2.2	9.5%	47.4	TEN-T Core Network completion until 2030
6	H15	Targu Mures-Iasi-Ungheni Motorway	285	3,065	1.8	8.7%	39.4	TEN-T Core Network completion until 2030
7	H28	Lugoj - Craiova Motorway	246	945	1.6	7.7%	28.5	TEN-T Core Network completion until 2030
8	H9	Bucharest-Alexandria-Craiova Motorway	195	329	1.4	7.2%	23.0	TEN-T Core Network completion until 2030
9	H10	Craiova-Calafat Motorway	70	11	1.0	5.2%	2.3	TEN-T Core Network completion until 2030
10	H29	Drobeta - Calafat Motorway (including H28)	77	-23	0.9	4.5%	0.0	TEN-T Core Network completion until 2030
11	H27	Timisoara - Moravita Motorway	77	-65	0.8	3.7%	0.0	TEN-T Core Network completion until 2030

**Note: For the other modes of transport (rail, intermodal, naval, air) project lists are similar to ES / EES development scenario**

**ANNEX 3C– List of selected projects for inclusion in the GTMP -  
"Do Something" Scenario and „Core *TEN-T*” scenario - 22.10.2014**

**List of projects "Do something" scenario – 21.10.2014**



MINISTRY OF TRANSPORT  
MANAGEMENT AUTHORITY FOR THE  
TRANSPORT SECTORAL OPERATIONAL PROGRAMME  
General Directorate Management of External Funds

Bucharest 22/10/2014  
No. 40/GF/44208

To: AECOM INGENIERIA S.R.L.  
Mr Director Martin Bright, Team Leader MP General Transport  
Department of Contracts Management  
To: Deputy General Manager Mrs Sorana Lazar Paraschivesou  
Ref: List of major projects for the Environmental Assessment

After the recommendations/ observations received by AM POS-T and the public debate that took place at the Ministry of Transportation in the period of 07-15 October 2014 for all transport sectors, please find attached the updated projects list according to the mentioned comments to be used for the completion of the Environmental Report, according to the procedure:

Also, we request that until 24/10/2014 to send us:

- the Environmental Report – draft that includes the conclusions of the Appropriate Assessment
- the presentation in PPT format of the Environmental Report

We mention that the Working Group meeting will be held on 03.10.2014

Best regards,

GENERAL DIRECTOR  
Marcel Bolos

**List of projects from the General Transportation Master Plan**

No.	Project Name	Length (km)
Road Sector - Motorways		
1.	Sibiu – Brasov Motorway + Fagaras Bypass	103
2.	Ploiesti - Comarnic Motorway	49
3.	Gilau – Bors Motorway + connection type expressway with Zalau and Oradea	191
4.	Craiova- Pitesti Motorway + Bals Bypass + Slatina Bypass	115
5.	Comarnic - Brasov Motorway + Sinaia Bypass, Busteni Bypass, Rasnov Bypass, Comarnic Bypass	54
6.	Brasov- Bacau Motorway + Targu Secuiesc Bypass + Onesti Bypass	158
7.	Sibiu – Pitesti phased motorway + Curtea de Arges Bypass	115
8.	Second ring road of Bucharest ( to be retested)	102
Subtotal Motorways		887

Road Sector - Expressway		Length (km)
1.	Modernisation of the existing south ring road of Bucharest at expressway level	35
2.	Bacau-Suceava expressway	129
3.	Bucharest -Alexandria-Graiova expressway + Mihailesti Bypass, Alexandria Bypass, Rosiori Bypass	195
4.	Suceava – Siret expressway (UA)	38
5.	Buzau-Focsani expressway + Buzau Bypass, Rm. Sarat Bypass + Focsani Bypass	80
6.	Bacau- Focsani -Braila-Galati expressway - Giurgiuilesti (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass, Galati Bypass	213
7.	Turda - Halmeu expressway (UA) and Livada – Petea connection (HU) + Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass, Apahida Bypass	211
8.	Gaesti – Ploiesti – Buzau- Braila expressway + Targoviste Bypass, Ianca Bypass, Mizil Bypass, Gaesti Bypass	245
9.	Lugoj- Craiova expressway + Caransebes Bypass Drobeta Tr. Severin Bypass, Strehaiia Bypass and Filiasi Bypass	246
10.	Suceava - Botasani expressway	30
11.	Pascani-Iasi-Ungheni expressway + Pascani Bypass, Targu Frumos Bypass and Iasi Bypass	75
12.	Targu Mures-Pascani expressway + Tg Neamt Bypass	280
13.	Brasov – Pitesti expressway + Campulung Bypass, Rucar Bypass and Bran Bypass	119
14.	Bacau – Piatra Neamt expressway + Buhusi Bypass, Roznov Bypass and Piatra Neamt Bypass	53
15.	Constanta – Tulcea – Braila (including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass	186
16.	Targu Mures- Sighisoara – Fagaras expressway (to be tested) + Sighisoara Bypass	97
17.	Expressway connection between Otopeni Airport – A3 Motorway	9
Subtotal Expressways		2241

Road Sector – Transregio Roads		Length (km)
1.	Braila - Slobozia - Drajna (A2) - Calarasi - Chiciu (BG)	142
2.	Brasov- Sighisoara - Tg Muras (DE 3)	161
3.	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)	147
4.	Iasi - Vaslui - Bacau	151
5.	Focsani - A5 - Tg. Secuiesc	119
6.	A3 (Oradea) - Carei - Satu Mare - DE 4	137
7.	Corabia - Caracal - Dragasani - Rm. Valcea - DE 2	199
8.	A1 - Arad - Salonta - Oradea	122
9.	Saratai – Reghin - Tg Mures	78
10.	Suceava - Vatra Dornei - Bistrita - Saratei -Dej	242
11.	Iacobeni - Borsa - S. Marmatiu - Nagreati Oas - DE 4	235
12.	Caransebes - Resita - Bacsa - Voiteg	104
13.	Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1	226
14.	A1 (Deva) - Brad - Stei - Oradea - A3	197
15.	Piatra Neamt -Tg. Naamt	44
16.	Dr. Tr. Severin -Tg Jiu — Rm. Valcea - Pitesti (to be tested)	246
17.	Zalau - Satu Mare (to be tested)	81
18.	Vaslui - Barlad - Tecuci - Galati (to be tested)	179
19.	Botosani - Tg. Frumos (to be tested)	73
20.	Constanta – Mangalia – Vama Veche (to be tested)	49
Subtotal Transregio Roads		2,932

Road Sector – Eurotrans Roads		Length (km)
1.	A1 - Timisoara - Moravita (SRB)	59
2.	Bucuresti - Giurgiu (BG)	55
3.	Craiova - Calafat (BB)	83
4.	Drobeta Tr. Severin - Calafat [BG]	96
Subtotal Eurotrans Roads		293

Road sector - Bypass		Length (km)
1.	Bistrita Bypass	15
2.	Zalau Bypass	9
3.	Sighisoara Bypass	13
4.	Miercurea Ciuc Bypass	19
5.	Sfantu Gheorghe Bypass	8
6.	Ramnicu Valcea Bypass	22
7.	Giurgiu Bypass	9
8.	Vaslui Bypass	9
9.	Barlad Bypass	11
10.	Slobozia Bypass	11
11.	Beclean Bypass	6
12.	Vatra Dornei Bypass	4
13.	Campulung Moldovenesc Bypass	18
14.	Mangalia Bypass	8
15.	Timisoara South (to be tested) Bypass	20
Subtotal Bypasses		182

Rail Sector		Length (km)
1.	Bucharest to Giurgiu via Gradistea. Rehabilitation to design	59

	speed and electrification.	
2.	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed.	375
3.	Bucharest to Iasi via Bacau + Buzau to Galati + Pascani to Ukraine. Rehabilitation to design speed.	695
4.	Craiova to Calafat. Rehabilitation to design speed.	108
5.	Bucharest to Sibiu via Pitesti and Ramnicu Valcea + Sibiu – Vantu de Jos (sector testing). New link, rehabilitation to design speed and electrification.	347
6.	Bucharest to Arad via Craiova and Timisoara. Rehabilitation to design speed.	590
7.	Oradea to Timisoara – Stamora Moravita. Rehabilitation to design speed. Retest Timisoara – Stamora Moravita	234
8.	Cluj-Napoca to Oradea, electrification	152
9.	Cluj-Napoca – Dej – Salva – Vatra Dornei – Suceava – Iasi	459
10.	Cluj-Napoca – Oradea via Baia Mare – Satu Mare	386
11.	Fetesti – Faurei (to be tested) – Grain Line	39
12.	Pitesti – Craiova (to be tested) – Auto industry line	142
13.	Filiasi – Simeria (to be tested) – Coal Line	209
14.	Faurei – Iasi (to be tested) – 6 artery of railway	262
15.	Lines with touristical potential: Oravita – Anina, Turda – Abrud, Ludus, Magherus, Caransebes – Subcetate, Tg. Mures – Baile Sovata, Sibiu - Agnita (to be tested)	429
Total general Rail Sector		4636

Intermodal Terminals		Length (km)
1.	Timisoara IMT (Semenic or Traian Vuia Airport)	6.5
2.	Cluj-Napoca East IMT	6.5
3.	Bacau IMT	6.5
4.	Suceava IMT	6.5
5.	Bucuresti IMT	18
6.	Iasi (Socola) IMT	5.6
7.	Oradea IMT	6.5
8.	Turda IMT	6.5
9.	Craiova IMT	18
10.	Drobeta Turnu Severin IMT	9.5
11.	Galati IMT	74.5
12.	Feldioara IMT (Brasov County) – to be tested	
Total general Intermodal Sector		165

Naval Sector – Waterways		Length (km)
1.	The common Romanian - Bulgarian Sector – enhancement of navigation conditions	585
2.	Bucharest – Danube Canal – enhancement of navigation conditions	104
3.	Sulina Canal (to reset) – banks defence	63
Subtotal Waterways		752

Naval Sector - Ports		Length (km)
1.	Galati Port - port infrastructure modernization	68

2.	Giurgiu Port - port infrastructure modernization	50
3.	Oltenita Port - port infrastructure modernization	6
4.	Drobeta Turnu Severin Port port infrastructure modernization -	17
5.	Constanta Port - port infrastructure modernization	7
6.	Orsova Port - port infrastructure modernization	8
7.	Corabia Port - port infrastructure modernization	4
8.	Constanta Port - port infrastructure modernization	351
9.	Moldova Veche Port - port infrastructure modernization	4
10.	Tulcea Port (to retest) - port infrastructure modernization	29
11.	Sulina Port ( to be tested) – port infrastructure modernization	
Subtotal Ports		544

Air Sector		Length (km)
1.	Oradea Airport – modernization and extension of airport infrastructure	5
2.	Sibiu Airport – modernization and extension of airport infrastructure	51
3.	Suceava Airport – modernization and extension of airport infrastructure	5
4.	Bucuresti Airport – modernization and extension of airport infrastructure	247
5.	Iasi Airport – modernization and extension of airport infrastructure	11
6.	Craiova Airport – modernization and extension of airport infrastructure	47
7.	Tulcea Airport – modernization and extension of airport infrastructure	5
8.	Timisoara Airport – modernization and extension of airport infrastructure	78
9.	Bacau Airport – modernization and extension of airport infrastructure	87
10.	Baia Mare Airport – modernization and extension of airport infrastructure	2
11.	Constanta Airport – modernization and extension of airport infrastructure	5
12.	Cluj-Napoca Airport – modernization and extension of airport infrastructure	38
13.	Targu Mures Airport – modernization and extension of airport infrastructure	4
14.	Baneasa Airport (to retest) - modernization and extension of airport infrastructure	
Total General Air Sector		585

Annex IV The greenhouse gases emission for the period 2014- 2020, 2021-2030 - General Transport Master Plan For Romania - Environmental Report

Change in total CO2 emissions between 2008 and 2030		Total CO2 Emissions, Tonnes (2011-2030)	Change over Do Nothing
Do Nothing	103.80%	334,055,199	
Refcase	107.15%	339,500,851	1.630%
EES	109.13%	342,558,033	2.545%
CTT	108.10%	342,492,790	2.526%
ES	107.27%	341,581,601	2.253%

TONNES PER YEAR		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0 kmmparcursi	DoN	75.9	81.9	87.8	93.8	99.8	105.7	111.7	117.6	123.6	129.5	135.5	141.4	147.4	153.4	159.5	165.5	171.5	177.5	183.6	189.6	195.6	201.7	207.7
	Ref	73.9	80.5	87.2	93.8	100.4	107.1	113.7	120.4	127.0	133.6	140.3	146.9	153.5	159.7	165.8	171.9	178.0	184.1	190.2	196.3	202.5	208.6	214.7
	ES	72.8	79.8	86.8	93.8	100.8	107.8	114.8	121.8	128.8	135.8	142.8	149.8	156.8	163.2	169.6	176.0	182.4	188.8	195.2	201.6	208.0	214.5	220.9
	EES	72.9	79.9	86.8	93.8	100.8	107.7	114.7	121.7	128.6	135.6	142.6	149.6	156.5	163.3	170.1	176.9	183.7	190.4	197.2	204.0	210.8	217.6	224.4
	CTT	72.6	79.7	86.7	93.8	100.9	107.9	115.0	122.1	129.1	136.2	143.3	150.3	157.4	163.8	170.1	176.5	182.9	189.3	195.6	202.0	208.4	214.8	221.1
<b>CO2: Total emissions</b>																								
Do nothing	DoN	10,248,317	10,844,431	11,398,146	12,006,287	12,592,537	13,156,894	13,699,360	14,219,934	14,718,616	15,195,407	15,650,305	16,083,312	16,494,427	16,995,800	17,483,344	17,957,060	18,416,948	18,863,008	19,295,240	19,713,644	20,118,220	20,508,967	20,885,887
Do minimum	Ref	10,094,207	10,743,031	11,348,116	12,006,287	12,640,531	13,250,848	13,837,238	14,399,701	14,938,236	15,452,845	15,943,527	16,410,281	16,853,109	17,354,350	17,841,463	18,314,449	18,773,306	19,218,035	19,648,637	20,065,111	20,467,457	20,855,674	21,229,764
Dezvoltare	EES	10,018,491	10,692,314	11,322,637	12,006,287	12,664,845	13,298,310	13,906,683	14,489,963	15,048,150	15,581,245	16,089,248	16,572,158	17,029,976	17,544,362	18,042,265	18,523,684	18,988,618	19,437,069	19,869,036	20,284,519	20,683,518	21,066,033	21,432,064
Core TEN-T	CTT	9,993,845	10,676,023	11,314,562	12,006,287	12,672,681	13,313,744	13,929,475	14,519,875	15,084,944	15,624,681	16,139,087	16,628,162	17,091,905	17,584,695	18,062,088	18,524,084	18,970,682	19,401,883	19,817,686	20,218,092	20,603,101	20,972,712	21,326,926
	Ref/DoN								1.01%	1.26%	1.49%	1.69%	1.87%	2.03%	2.2%	2.1%	2.0%	1.9%	1.9%	1.8%	1.8%	1.7%	1.7%	1.6%
	EES/Ref								0.50%	0.63%	0.74%	0.83%	0.91%	0.99%	1.0%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.0%	1.0%	1.0%
	CTT/Ref								0.67%	0.83%	0.98%	1.11%	1.23%	1.33%	1.4%	1.3%	1.2%	1.1%	1.1%	1.0%	0.9%	0.8%	0.7%	0.6%
<b>N2O: Total emissions</b>																								
Do nothing	DoN	541	591	640	688	734	779	822	864	905	945	983	1,020	1,056	1,093	1,130	1,166	1,202	1,237	1,271	1,305	1,337	1,370	1,401
Do minimum	Ref							827	870	912	953	992	1,030	1,066	1,104	1,140	1,177	1,212	1,247	1,281	1,314	1,346	1,378	1,410
Dezvoltare	EES							824	866	907	947	985	1,022	1,057	1,093	1,128	1,162	1,196	1,228	1,260	1,291	1,322	1,351	1,380
Core TEN-T	CTT							825	868	909	949	988	1,025	1,060	1,096	1,130	1,164	1,197	1,230	1,261	1,292	1,323	1,352	1,381
	Ref/DoN								0.54%	0.67%	0.77%	0.85%	0.91%	0.97%	1.0%	1.0%	0.9%	0.8%	0.8%	0.8%	0.7%	0.7%	0.6%	0.6%
	EES/Ref								-0.03%	-0.44%	-0.52%	-0.61%	-0.68%	-0.76%	-0.8%	-1.0%	-1.1%	-1.2%	-1.3%	-1.5%	-1.6%	-1.7%	-1.8%	-2.0%
	CTT/Ref								-0.20%	-0.26%	-0.32%	-0.37%	-0.43%	-0.5%	-0.7%	-0.9%	-1.0%	-1.2%	-1.4%	-1.5%	-1.6%	-1.8%	-1.9%	-2.0%
<b>CH4: Total emissions</b>																								
Do nothing	DoN	4,095	4,197	4,292	4,382	4,467	4,546	4,619	4,687	4,750	4,806	4,858	4,903	4,944	5,074	5,204	5,332	5,459	5,584	5,708	5,830	5,951	6,071	6,189
Do minimum	Ref							4,631	4,702	4,768	4,827	4,881	4,929	4,971	5,103	5,234	5,363	5,490	5,616	5,741	5,864	5,986	6,106	6,224
Dezvoltare	EES							4,709	4,806	4,897	4,982	5,060	5,133	5,199	5,358	5,515	5,669	5,822	5,973	6,121	6,268	6,412	6,555	6,696
Core TEN-T	CTT							4,716	4,815	4,908	4,995	5,076	5,151	5,219	5,385	5,549	5,711	5,872	6,030	6,187	6,342	6,495	6,646	6,795
	Ref/DoN								0.3%	0.3%	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%
	EES/Ref								1.7%	2.2%	2.7%	3.2%	3.7%	4.1%	4.6%	5.0%	5.4%	5.7%	6.0%	6.3%	6.6%	6.9%	7.1%	7.4%
	CTT/Ref								1.8%	2.4%	3.0%	3.5%	4.0%	4.5%	5.0%	5.5%	6.0%	6.5%	6.9%	7.4%	7.8%	8.1%	8.5%	8.8%
<b>NOx: Total emissions</b>																								
Do nothing	DoN	31,388	34,186	36,865	39,425	41,866	44,188	46,390	48,473	50,437	52,281	54,006	55,612	57,099	58,278	59,350	60,314	61,171	61,921	62,563	63,098	63,525	63,846	64,059
Do minimum	Ref							46,519	48,639	50,636	52,512	54,265	55,896	57,404	58,573	59,634	60,587	61,432	62,169	62,799	63,320	63,734	64,039	64,237
Dezvoltare	EES							46,301	48,351	50,281	52,090	53,778	55,346	56,793	57,743	58,587	59,326	59,960	60,489	60,913	61,231	61,443	61,551	61,553
Core TEN-T	CTT							46,326	48,384	50,321	52,137	53,831	55,404	56,856	57,803	58,645	59,384	60,020	60,552	60,980	61,306	61,527	61,645	61,660
	Ref/DoN								0.3%	0.3%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%
	EES/Ref								-0.5%	-0.6%	-0.7%	-0.8%	-0.8%	-1.0%	-1.1%	-1.4%	-1.7%	-2.1%	-2.4%	-2.7%	-3.0%	-3.3%	-3.6%	-4.2%
	CTT/Ref								-0.4%	-0.5%	-0.7%	-0.7%	-0.8%	-1.0%	-1.3%	-1.7%	-2.0%	-2.3%	-2.6%	-2.9%	-3.2%	-3.5%	-3.7%	-4.0%
<b>SO2: Total emissions</b>																								
Do nothing	DoN	11,785	12,516	13,196	13,982	14,739	15,469	16,172	16,846	17,493	18,113	18,704	19,268	19,805	20,425	21,029	21,615	22,185	22,737	23,272	23,790	24,291	24,774	25,241
Do minimum	Ref							16,366	17,100	17,804	18,477	19,120	19,733	20,315	20,934	21,535	22,119	22,685	23,234	23,765	24,278	24,775	25,254	25,715
Dezvoltare	EES							16,419	17,169	17,888	18,575	19,232	19,857	20,452	21,099	21,726	22,332	22,919	23,484	24,030	24,555	25,060	25,545	26,009
Core TEN-T	CTT							16,455	17,217	17,947	18,645	19,312	19,948	20,552	21,164	21,758	22,333	22,889	23,426	23,944	24,444	24,925	25,387	25,830
	Ref/DoN								1.2%	1.5%	1.8%	2.0%	2.2%	2.4%	2.5%	2.4%	2.3%	2.3%	2.2%	2.1%	2.1%	2.0%	1.9%	1.9%
	EES/Ref								0.3%	0.4%	0.5%	0.5%	0.6%	0.7%	0.8%	0.9%	1.0%	1.0%	1.1%	1.1%	1.1%	1.2%	1.2%	1.1%
	CTT/Ref								0.5%	0.7%	0.8%	0.9%	1.0%	1.1%	1.2%	1.1%	1.0%	0.9%	0.8%	0.8%	0.7%	0.6%	0.5%	0.4%
<b>VOC: Total emissions</b>																								
Do nothing	DoN	8,844	9,224	9,587	9,934	10,265	10,580	10,878	11,160	11,426	11,676	11,909	12,126	12,327	12,537	12,729	12,904	13,061	13,201	13,324	13,429	13,517	13,588	13,641
Do minimum	Ref							10,941	11,242	11,527	11,794	12,045	12,279	12,495	12,698	12,884	13,053	13,205	13,339	13,456	13,556	13,639	13,705	13,753
Dezvoltare	EES							10,927	11,224	11,505	11,769	12,016	12,247	12,460	12,648	12,819	12,973	13,110	13,230	13,333	13,419	13,487	13,539	13,574
Core TEN-T	CTT							10,973	11,285	11,579	11,856	12,115	12,358	12,582	12,760	12,920	13,064	13,190	13,300	13,394	13,470	13,529	13,572	13,598
	Ref/DoN								0.6%	0.7%	0.9%	1.0%	1.1%	1.3%	1.3%	1.2%	1.2%	1.1%	1.0%	0.9%	0.9%	0.9%	0.9%	0.8%
	EES/Ref								-0.1%	-0.2%	-0.2%	-0.2%	-0.3%	-0.3%	-0.4%	-0.5%	-0.6%	-0.7%	-0.8%	-0.9%	-1.0%	-1.1%	-1.2%	-1.3%
	CTT/Ref								0.3%	0.4%	0.4%	0.5%	0.6%	0.6%	0.5%	0.3%	0.1%	-0.1%	-0.3%	-0.5%	-0.6%	-0.8%	-1.0%	-1.1%

	2020	2030	2040	2020-2049
Road Vehicle km	0.56%	-1.44%	-0.57%	-0.58%
CO2: Total emissions	0.36%	-0.49%	0.04%	-0.02%
N2O: Total emissions	0.29%	0.06%	0.46%	0.37%



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



## ANNEX 5 B– List of included projects in the *Final revised draft of the Master Planul on short, medium and long term, that intersect Natura 2000 sites*

### List of projects included in the Do Minimum scenario that intersect the SCI sites

No. Crt.	Sector	Project Title	SCI Code
1	Road	Lugoj-Deva Motorway	ROSCI0064 ROSCI0355 ROSCI0373
2		Sebes-Turda Motorway	ROSCI0004 ROSCI0253
3		Bypass in Oradea - phase II	ROSCI0050 ROSCI0098 ROSCI0104 ROSCI0267
4		Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna	ROSCI0069 ROSCI0129 ROSCI0217
5		Modernization DN 72 Gaiesti - Ploiesti km 0 +000 - km 76 +180	ROSCI0344
6		Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)	ROSCI0308
7		Giurgiu bridge over the Danube on DN5 km 64+884	ROSCI0088
8		Bridge on DN 61 km 74+015, over Arges river, at Ionesti	ROSCI0106
9		Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele	ROSCI0044 ROSCI0376
10		New bridge at Cosmesti , over Siret river on DN24 km 7+620	ROSCI0162
11		Road Bridge over Jiu in Arginesti on DN6, km 268+371	ROSCI0045
12		Road Bridge over Olt in Slatina on DN6, km 48 +570	ROSCI0376
13		Rehabilitation DN1H Zalau - Alesd, km 0+000 - km 69+334	ROSCI0314
14		Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893	ROSCI0130 ROSCI0208 ROSCI0374 ROSCI0377
15		Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047	ROSCI0045 ROSCI0202



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4110



No. Crt.	Sector	Project Title	SCI Code
			ROSCI0299
16		Rehabilitation DN 6 Alexandria Craiova	ROSCI0376 ROSCI0386
17		Rehabilitation DN 76, Deva - Oradea, km 0+000 - km 184+390	ROSCI0008 ROSCI0200 ROSCI0240 ROSCI0291 ROSCI0324
18		Rehabilitation DN24 (county limit Galați/Vaslui - Crasna) and DN24B Crasna-Albita Lot 1: km 51+000 (from Galați and Vaslui County boundary–DN 24 km 90+000) Lot 2: DN 24 km 90+000 – DN 24 km 105+070 (Crasna locality) and DN 24B km 22+000 Lot 3: DN 24B km 22+000 – DN 24B km 47+881 (Albita border)	ROSCI0213 ROSCI0335 ROSCI0360
19		Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000	ROSCI0045 ROSCI0063
20		Alesd South and North Bypass	ROSCI0050 ROSCI0322
21		Alexandria Bypass	ROSCI0386
22		Sacuieni Bypass	ROSCI0021
23		Târgu Mureș Bypass	ROSCI0342
24		Electrification of Doaga-Tecuci-Barbosi railway line	ROSCI0162
25		Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta	ROSCI0022
26	Rail	Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614	ROSCI0064 ROSCI0370 ROSCI0373 ROSCI0407
27		Rehabilitation of the Bucharest-Constanta line	ROSCI0022 ROSCI0308
28		Rehabilitation of the railway line, component of the IV Pan – European Corridor, for passenger trains at maximum speed of 160 km/h, Sighisoara – Coslariu section	ROSCI0227 ROSCI0382
29	Water	Protection for banks at Sulina Channel - Stage I	ROSCI0065 ROSCI0066
30		Improving the navigation conditions on the lower Danube (Calarasi-Braila)	ROSCI0006 ROSCI0022
<b>Total no. Projects that intersect SCI sites</b>			30



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



### List of projects included in the Do Minimum scenario that intersect the SPA sites

No. Crt.	Sector	Project Title	SPA Code
1	Road	Modernisation DN 2N km 52+860 - km 60+000 Jitia – Biscoa and new bridge over Ramnicu Sarat river at km 53+300	ROSPA0141
2		Bridge over Olt at Slatina, on DN6, km 48+570	ROSPA0106
3		Bridge over Sai river at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele	ROSPA0024
4		Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)	ROSPA0122
5		Lugoj-Deva Motorway	ROSPA0029
6		Sebes-Turda Motorway	ROSPA0087
7		New bridge at Cosmesti , over Siret river on DN24 km 7+620	ROSPA0071
8		Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna	ROSPA0035
9		Alesd South and Alesd North Bypass	ROSPA0123
10		Bypass in Oradea - phase II	ROSPA0123
11		Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893	ROSPA0075 ROSPA0088
12		Rehabilitation DN6 Alexandria-Craiova	ROSPA0106 ROSPA0137
13		Rehabilitation DN 56, CRAIOVA - CALAFAT, KM 0+000 - KM 87+047	ROSPA0074
14		Rehabilitation DN 1H Zalau - Alesd, km 0+000 - km 69+334	ROSPA0114
15		Rail	Electrification of Doaga-Tecuci-Barbosi railway line
16	Rehabilitation of the railway line, component of the IV Pan – European Corridor, for passenger trains at maximum speed of 160 km/h, Sighisoara – Coslariu section		ROSPA0099
17	Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614		ROSPA0029
18	Rehabilitation of Bucuresti-Constanta CF line		ROSPA0122
19	Water	Protection for banks at Sulina Channel - Stage I	ROSPA0031
20		Improving the navigation conditions on the lower Danube (Calarasi-Braila)	ROSPA0002
			ROSPA0005
			ROSPA0012
			ROSPA0017
ROSPA0039			
<b>Total no. Projects that intersect SPA sites</b>			<b>20</b>



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/14/10



**List of projects included in the ES/EES development scenario that intersect the SCI sites**

No. Crt.	Sector	Project title	SCI Code
1	Road	A1 - Arad - Salonta - Oradea	ROSCI0025
			ROSCI0049
			ROSCI0231
2		A1 - Timișoara - Moravița (SRB)	ROSCI0109
			ROSCI0008
			ROSCI0200
3		A1 (Deva) - Brad - Stei - Oradea - A3	ROSCI0240
			ROSCI0291
			ROSCI0324
4	A3 (Oradea) - Carei - Satu Mare - DE 4	ROSCI0021	
5	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)	ROSCI0037	
		ROSCI0323	
		ROSCI0329	
6	Brasov-Bacau Motorway + Târgu Secuiesc Bypass and Onesti Bypass	ROSCI0059	
		ROSCI0130	
		ROSCI0170	
		ROSCI0329	
7	Comarnic-Brasov Motorway + Sinaia Bypass, Busteni Bypass, Rasnov Bypass and Comarnic Bypass	ROSCI0374	
		ROSCI0013	
8	Craiova-Pitesti Motorway + Bals Bypass and Slatina Bypass	ROSCI0168	
9	Phased Sibiu - Pitesti Motorway + Curtea de Arges Bypass	ROSCI0085	
		ROSCI0122	
		ROSCI0132	



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4110



No. Crt.	Sector	Project title	SCI Code
10		Sibiu-Brasov Motorway + Fagaras Bypass	ROSCI0122
			ROSCI0132
			ROSCI0304
			ROSCI0352
11		Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)	ROSCI0022
			ROSCI0290
			ROSCI0307
12		Brasov - Sighisoara - Tg Mures (DE 3)	ROSCI0137
			ROSCI0227
			ROSCI0303
			ROSCI0329
			ROSCI0384
13		Bucuresti - Giurgiu (BG)	ROSCI0043
14		Constanta - Mangalia - Vama Veche (to be tested)	ROSCI0114
15		Corabia - Caracal - Dragasani - Rm. Valcea - DE 2	ROSCI0266
16		Craiova - Calafat (BG)	ROSCI0045
			ROSCI0202
17		Dr.Tr.Severin l' Tg. Jiu l' Rm.Valcea l' Pitesti (to be tested)	ROSCI0354
			ROSCI0362
18		Drobeta Tr. Severin - Calafat (BG)	ROSCI0173
			ROSCI0403
19		Bacau-Focsani-Braila-Galati - Giurgiulesti Expressway (UA si MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass	ROSCI0105
			ROSCI0162
20		Bacau-Suceava Expressway	ROSCI0082



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



No. Crt.	Sector	Project title	SCI Code
			ROSCI0310
21		Brasov-Pitesti Expressway + Campulung Bypass, Rucar Bypass and Bran Bypass	ROSCI0194
22		Bucuresti-Alexandria-Craiova Expressway + Mihailesti Bypass, Alexandria Bypass, Rosiori Bypass, Caracal Bypass and Craiova Bypass	ROSCI0376 ROSCI0386
23		Buzau-Focsani Expressway + Buzau Bypass, Rm. Sarat Bypass and Focsani Bypass	ROSCI0103
24		Constanta-Tulcea-Braila Expressway (including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass	ROSCI0012 ROSCI0201
25		Gaesti-Ploiesti-Buzau-Braila Expressway + Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass	ROSCI0103
			ROSCI0106
			ROSCI0290
			ROSCI0305
			ROSCI0344
26		Lugoj- Craiova Expressway + Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass	ROSCI0045
			ROSCI0069
			ROSCI0109
			ROSCI0206
			ROSCI0366
27		Pascani-Iasi-Ungheni Expressway + Pascani Bypass, Târgu Frumos Bypass and Iasi Bypass	ROSCI0058
			ROSCI0221
			ROSCI0265
			ROSCI0378
28		Suceava-Botosani Expressway	ROSCI0076
			ROSCI0380
29		Târgu Mureș - Sighisoara - Fagaras Expressway (to be tested) + Sighisoara Bypass	ROSCI0227



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4170



No. Crt.	Sector	Project title	SCI Code
			ROSCI0384
30		Târgu Mures-Pascani Expressway + Tg Neamt Bypass	ROSCI0019
			ROSCI0270
			ROSCI0297
31		Turda-Halmeu Expressway (UA) and Livada - Petea link (HU)+ Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass	ROSCI0030
			ROSCI0214
32		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1	ROSCI0045
			ROSCI0063
			ROSCI0087
			ROSCI0236
33		Focsani - A5 - Tg. Secuiesc	ROSCI0130
			ROSCI0208
			ROSCI0374
			ROSCI0377
34		Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4	ROSCI0010
			ROSCI0124
			ROSCI0125
			ROSCI0251
			ROSCI0358
35		Iasi - Vaslui - Bacau	ROSCI0135
36		Saratel - Reghin - Tg Mures	ROSCI0400
37		Suceava - Vatra Dornei - Bistrita - Saratel -Dej	ROSCI0051
			ROSCI0321
			ROSCI0328



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI Code	
			ROSCI0393	
			ROSCI0400	
38	Rail	Vaslui - Barlad - Tecuci - Galati (to be tested)	ROSCI0162	
			ROSCI0360	
39		Barlad Bypass	ROSCI0360	
40		Mangalia Bypass		ROSCI0114
				ROSCI0157
				ROSCI0191
41		Miercurea Ciuc Bypass	ROSCI0323	
42		Sighisoara Bypass	ROSCI0227	
43		Slobozia Bypass	ROSCI0290	
44		Rail	Bucuresti - Arad via Craiova and Timișoara. Rehabilitation at designed speed level	ROSCI0045
	ROSCI0069			
	ROSCI0109			
	ROSCI0138			
	ROSCI0206			
	ROSCI0277			
	ROSCI0284			
	ROSCI0366			
	ROSCI0376			
	ROSCI0385			
	ROSCI0386			
	ROSCI0402			
45		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed level. Electrification	ROSCI0043	



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4110



No. Crt.	Sector	Project title	SCI Code
46		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed level.	ROSCI0103
			ROSCI0162
			ROSCI0224
			ROSCI0290
			ROSCI0305
			ROSCI0364
			ROSCI0379
47		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (sector testing). New link, rehabilitation at designed speed level and electrification.	ROSCI0046
			ROSCI0085
			ROSCI0122
			ROSCI0132
			ROSCI0304
48		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSCI0013
			ROSCI0064
			ROSCI0195
			ROSCI0207
			ROSCI0224
			ROSCI0227
			ROSCI0238
			ROSCI0290
			ROSCI0303
			ROSCI0329
			ROSCI0370
ROSCI0373			



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4170



No. Crt.	Sector	Project title	SCI Code
49		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iași	ROSCI0382
			ROSCI0407
			ROSCI0010
			ROSCI0101
			ROSCI0213
			ROSCI0232
			ROSCI0321
			ROSCI0328
			ROSCI0365
			ROSCI0393
50		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSCI0400
			ROSCI0020
			ROSCI0021
			ROSCI0192
51		Cluj-Napoca - Oradea. Electrification	ROSCI0275
			ROSCI0314
			ROSCI0050
52		Craiova - Calafat. Rehabilitation at designed speed level.	ROSCI0062
			ROSCI0039
53		Faurei - Iași (to be tested) – line 6 railway	ROSCI0045
			ROSCI0005
			ROSCI0103
			ROSCI0135
			ROSCI0158



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI Code
			ROSCI0162
			ROSCI0330
			ROSCI0360
54		Fetesti - Faurei (to be tested) – Grain line	ROSCI0259
55		Filiasi - Simeria (to be tested) – Coal line	ROSCI0290
			ROSCI0063
56		Lines with touristical potential: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mureș - Baile Sovata, Sibiu - Agnita (to be tested)	ROSCI0087
			ROSCI0236
			ROSCI0019
			ROSCI0132
			ROSCI0226
			ROSCI0236
			ROSCI0253
			ROSCI0292
			ROSCI0297
			ROSCI0367
57		Oradea - Timișoara - Stamura Moravița. Rehabilitation at designed speed level. To retest Timișoara - Stamura Moravița	ROSCI0368
			ROSCI0369
			ROSCI0025
			ROSCI0049
			ROSCI0109
			ROSCI0231
			ROSCI0277
			ROSCI0402



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI Code
58		Pitesti - Craiova (to be tested) – Auto industry line	ROSCI0266
			ROSCI0341
59		Canalul Sulina (to retest) – banks protection	ROSCI0065
			ROSCI0066
60	Water	Corabia Port – modernisation of port infrastructure	ROSCI0044
61		Oltenita Port - modernisation of port infrastructure	ROSCI0131
62		Orșova Port - modernisation of port infrastructure	ROSCI0206
63		Sulina Port (to be tested) - modernisation of port infrastructure	ROSCI0065
64		Romanian-Bulgarian common sector – improvement of navigation conditions	ROSCI0039
			ROSCI0044
	ROSCI0045		
	ROSCI0088		
	ROSCI0131		
		ROSCI0299	

### List of projects included in the development ES/EES scenario that intersect SPA sites

No. Crt.	Sector	Titlu proiect	SPA Code
1		A1 - Arad - Salonta - Oradea	ROSPA0015
			ROSPA0097
2	Road	A3 (Oradea) - Carei - Satu Mare - DE 4	ROSPA0016
			ROSPA0067
3		A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)	ROSPA0033
			ROSPA0034



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. Crt.	Sector	Titlu proiect	SPA Code
			ROSPA0082
4		Brasov-Bacau Motorway + Târgu Secuiesc Bypass and Onesti Bypass	ROSPA0082
5		Craiova-Pitesti Motorway + Bals Bypass and Slatina Bypass	ROSPA0106
6		Phased Sibiu - Pitesti Motorway+ Curtea de Arges Bypass	ROSPA0043
			ROSPA0062
7		Sibiu-Brasov Motorway + Fagaras Bypass	ROSPA0098
8		Braila - Slobozia - Dranina (A2) - Calarasi - Chiciu (BG)	ROSPA0039
9		Brasov - Sighisoara - Tg Mureș (DE 3)	ROSPA0028
			ROSPA0093
			ROSPA0099
10		Bucuresti - Giurgiu (BG)	ROSPA0022
11		Constanta - Mangalia - Vama Veche (to be tested)	ROSPA0066
12		Corabia - Caracal - Dragasani - Rm. Valcea - DE 2	ROSPA0106
13		Craiova - Calafat (BG)	ROSPA0074
14		Dr.Tr.Severin l Tg. Jiu l Rm.Valcea l Pitesti (to be tested)	ROSPA0106
15		Drobeta Tr. Severin - Calafat (BG)	ROSPA0011
16		Bacau-Focsani-Braila-Galati - GiurgiuIesti Expressway (UA si MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass	ROSPA0063
			ROSPA0071
			ROSPA0121
17		Bacau-Suceava Expressway	ROSPA0064
			ROSPA0072
18		Brasov-Pitesti Expressway + Campulung Bypass, Rucar Bypass and Bran Bypass	ROSPA0062
19		Bucuresti-Alexandria-Craiova Expressway + Mihailesti Bypass, Alexandria Bypass, Rosiori Bypass, Caracal Bypass and Craiova Bypass	ROSPA0106
			ROSPA0148



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



No. Crt.	Sector	Titlu proiect	SPA Code
20		Constanta-Tulcea-Braila Expressway (including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass	ROSPA0019
			ROSPA0031
			ROSPA0032
			ROSPA0040
			ROSPA0060
			ROSPA0073
			ROSPA0091
			ROSPA0100
21		Gaesti-Ploiesti-Buzau-Braila Expressway + Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass	ROSPA0048
22		Lugoj- Craiova Expressway + Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass	ROSPA0080
23		Suceava-Botosani Expressway	ROSPA0116
24		Suceava-Siret (UA) Expressway	ROSPA0110
25		Târgu Mureș - Sighisoara - Fagaras Expressway (to be tested) + Sighisoara Bypass	ROSPA0028
			ROSPA0099
26		Mures-Pascani Expressway + Tg Neamt Bypass	ROSPA0028
			ROSPA0033
			ROSPA0107
			ROSPA0129
27		Turda-Halmeu Expressway (UA) and Livada - Petea link (HU)+ Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass	ROSPA0068
28		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1	ROSPA0045
29		Focsani - A5 - Tg. Secuiesc	ROSPA0088
30		Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4	ROSPA0085
			ROSPA0131



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/41/0



No. Crt.	Sector	Titlu proiect	SPA Code
			ROSPA0143
31		Iași - Vaslui - Bacau	ROSPA0092
			ROSPA0096
32		Suceava - Vatra Dornei - Bistrita - Saratel -Dej	ROSPA0089
33		Vaslui - Barlad - Tecuci - Galati (to be tested)	ROSPA0071
34		Mangalia Bypass	ROSPA0066
35		Miercurea Ciuc Bypass	ROSPA0034
36		Bucuresti - Arad via Craiova and Timișoara. Rehabilitation at designed speed level	ROSPA0026
			ROSPA0047
			ROSPA0080
			ROSPA0106
37		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed level. Electrification	ROSPA0022
38		Bucuresti - Iași via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed level.	ROSPA0071
			ROSPA0140
39	Rail	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (sector testing). New link, rehabilitation at designed speed level and electrification.	ROSPA0025
			ROSPA0062
40		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSPA0027
			ROSPA0029
			ROSPA0037
			ROSPA0099
			ROSPA0113
			ROSPA0140
41		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iași	ROSPA0089
42		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSPA0016



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



No. Crt.	Sector	Titlu proiect	SPA Code
			ROSPA0067
			ROSPA0114
43		Cluj-Napoca - Oradea. Electrificare	ROSPA0115
44		Faurei - Iași (to be tested) – line 6 railway	ROSPA0004
			ROSPA0071
			ROSPA0119
45		Fetesti – Faurei (to be tested) – Grain line	ROSPA0006
			ROSPA0145
46		Filiasi - Simeria (to be tested) – Coal line	ROSPA0045
47		Lines with touristical potential: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mureș - Baile Sovata, Sibiu - Agnita (to be tested)	ROSPA0028
			ROSPA0030
			ROSPA0041
			ROSPA0086
			ROSPA0087
			ROSPA0099
48		Oradea - Timișoara - Stamura Moravița. Rehabilitation at designed speed level. To retest Timișoara - Stamura Moravița	ROSPA0015
			ROSPA0047
			ROSPA0097
			ROSPA0128
49		Pitesti - Craiova (to be tested) – Auto industry line	ROSPA0106
50	Water	Canalul Sulina (to retest) – banks protection	ROSPA0031
51		Oltenita Port - modernisation of port infrastructure	ROSPA0038
52		Orșova Port - modernisation of port infrastructure	ROSPA0026
			ROSPA0080



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST/2011/4110



No. Crt.	Sector	Titlu proiect	SPA Code
53		Moldova Veche Port - modernisation of port infrastructure	ROSPA0080
54		Romanian-Bulgarian common sector – improvement of navigation conditions	ROSPA0013
			ROSPA0021
			ROSPA0023
			ROSPA0024
			ROSPA0038
			ROSPA0074
			ROSPA0090
			ROSPA0102
			ROSPA0108
			ROSPA0135
			ROSPA0136

#### List of projects included in the Core TEN-T (CTT) scenario that intersect SCI sites

No. Crt.	Sector	Project title	SCI code
1	Road	Autostrada Bacau-Suceava-Siret	ROSCI0082
			ROSCI0310
2		Autostrada Bucuresti-Alexandria-Craiova	ROSCI0376
			ROSCI0386
3		Autostrada Craiova-Calafat	ROSCI0045
			ROSCI0202
4		Autostrada Drobeta - Calafat	ROSCI0403



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4170



No. Crt.	Sector	Project title	SCI code
5		Autostrada Lugoj - Craiova	ROSCI0045
			ROSCI0069
			ROSCI0109
			ROSCI0206
			ROSCI0366
6		Autostrada Ploiesti-Bacau	ROSCI0103
			ROSCI0162
			ROSCI0290
7		Autostrada Sibiu-Pitesti	ROSCI0085
			ROSCI0122
			ROSCI0132
8		Autostrada Targu Mures-Iasi-Ungheni	ROSCI0019
			ROSCI0058
			ROSCI0221
			ROSCI0265
			ROSCI0270
			ROSCI0297
			ROSCI0378
		Autostrada Timisoara - Moravita	ROSCI0109
9	Rail	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed level	ROSCI0045
			ROSCI0069
			ROSCI0109
			ROSCI0138



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI code
			ROSCI0206
			ROSCI0277
			ROSCI0284
			ROSCI0366
			ROSCI0376
			ROSCI0385
			ROSCI0386
			ROSCI0402
10		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed level. Electrification	ROSCI0043
11		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed level.	ROSCI0103
			ROSCI0162
			ROSCI0224
			ROSCI0290
			ROSCI0305
			ROSCI0364
12		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (sector testing). New link, rehabilitation at designed speed level and electrification.	ROSCI0379
			ROSCI0046
			ROSCI0085
			ROSCI0122
			ROSCI0132
13		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSCI0304
			ROSCI0013
			ROSCI0064
			ROSCI0195



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI code
			ROSCI0207
			ROSCI0224
			ROSCI0227
			ROSCI0238
			ROSCI0290
			ROSCI0303
			ROSCI0329
			ROSCI0370
			ROSCI0373
			ROSCI0382
			ROSCI0407
14		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi	ROSCI0010
			ROSCI0101
			ROSCI0213
			ROSCI0232
			ROSCI0321
			ROSCI0328
			ROSCI0365
			ROSCI0393
			ROSCI0400
15		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSCI0020
			ROSCI0021
			ROSCI0192
			ROSCI0275



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4170



No. Crt.	Sector	Project title	SCI code
			ROSCI0314
16		Cluj-Napoca - Oradea. Electrification	ROSCI0050
			ROSCI0062
17		Craiova - Calafat. Rehabilitation at designed speed level.	ROSCI0039
			ROSCI0045
18		Faurei - Iasi (to be tested) – line 6 railway	ROSCI0005
			ROSCI0103
			ROSCI0135
			ROSCI0158
			ROSCI0162
			ROSCI0330
			ROSCI0360
19		Fetesti - Faurei (to be tested) – Grain line	ROSCI0259
			ROSCI0290
20		Filiasi - Simeria (to be tested) – Coal line	ROSCI0063
			ROSCI0087
			ROSCI0236
21		Lines with touristical potential: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mureș - Baile Sovata, Sibiu - Agnita (to be tested)	ROSCI0019
			ROSCI0132
			ROSCI0226
			ROSCI0236
			ROSCI0253
			ROSCI0292
			ROSCI0297



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/410



No. Crt.	Sector	Project title	SCI code
23		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed level. To retest Timisoara - Stamora Moravita	ROSCI0367
			ROSCI0368
			ROSCI0369
			ROSCI0025
			ROSCI0049
			ROSCI0109
			ROSCI0231
			ROSCI0277
24		Pitesti - Craiova (to be tested) – Auto line industry	ROSCI0402
			ROSCI0266
25	Water	Sulina Canal (to retest) – banks protection	ROSCI0341
			ROSCI0065
26		Corabia Port - modernisation of port infrastructure	ROSCI0066
27		Oltenita Port - modernisation of port infrastructure	ROSCI0044
28		Orsova Port - modernisation of port infrastructure	ROSCI0131
29		Sulina Port (to be tested) - modernisation of port infrastructure	ROSCI0206
30		Common sector Romanian-Bulgarian – navigation conditions improvement	ROSCI0065
			ROSCI0039
			ROSCI0044
			ROSCI0045
			ROSCI0088
			ROSCI0131
			ROSCI0299



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST/2011/4/10



### Lista proiectelor incluse în scenariul Core TEN-T (CTT) ce intersectează SPA-urile

No. Crt.	Sector	Project title	SPA Code
1	Road	Bacau-Suceava-Siret Motorway	ROSPA0064
			ROSPA0072
			ROSPA0110
2		Bucuresti-Alexandria-Craiova Motorway	ROSPA0106
			ROSPA0148
3		Craiova-Calafat Motorway	ROSPA0023
4		Drobeta - Calafat Motorway	ROSPA0011
5		Lugoj - Craiova Motorway	ROSPA0080
6		Ploiesti-Bacau Motorway	ROSPA0063
			ROSPA0071
7	Sibiu-Pitesti Motorway	ROSPA0043	
		ROSPA0062	
8	Targu Mures-Iasi-Ungheni Motorway	ROSPA0028	
		ROSPA0033	
		ROSPA0107	
		ROSPA0129	
9	Timisoara - Moravita Motorway	ROSPA0128	
10	Rail	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed level	ROSPA0026
			ROSPA0047
			ROSPA0080



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. Crt.	Sector	Project title	SPA Code
			ROSPA0106
11		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed level. Electrification	ROSPA0022
12		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed level.	ROSPA0071
			ROSPA0140
13		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (sector testing). New link, rehabilitation at designed speed level and electrification.	ROSPA0025
			ROSPA0062
14		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSPA0027
			ROSPA0029
			ROSPA0037
			ROSPA0099
			ROSPA0113
			ROSPA0140
15		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi	ROSPA0089
16		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSPA0016
			ROSPA0067
			ROSPA0114
17		Cluj-Napoca - Oradea. Electrification	ROSPA0115
18		Faurei - Iasi (to be tested) – line 6 railway	ROSPA0004
			ROSPA0071
			ROSPA0119
19		Fetesti - Faurei (to be tested) – Grain line	ROSPA0006
			ROSPA0145
20		Filiasi - Simeria (to be tested) – Coal line	ROSPA0045
21		Lines with touristical potential: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate,	ROSPA0028



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



No. Crt.	Sector	Project title	SPA Code
		Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)	ROSPA0030
			ROSPA0041
			ROSPA0086
			ROSPA0087
			ROSPA0099
22		Oradea - Timisoara - Stamura Moravita. Rehabilitation at designed speed level. To retest Timisoara - Stamura Moravita	ROSPA0015
			ROSPA0047
			ROSPA0097
			ROSPA0128
23		Pitesti - Craiova (to be tested) – Auto industry line	ROSPA0106
24	Water	Sulina Cannal (to retest) – banks protection	ROSPA0031
25		Oltenita Port - modernisation of port infrastructure	ROSPA0038
26		Orsova Port - modernisation of port infrastructure	ROSPA0026
			ROSPA0080
27		Moldova Veche Port - modernisation of port infrastructure	ROSPA0080
28		Common sector Romanian-Bulgarian – navigation conditions improvement	ROSPA0013
			ROSPA0021
			ROSPA0023
	ROSPA0024		
	ROSPA0038		
	ROSPA0074		
	ROSPA0090		
	ROSPA0102		
	ROSPA0108		



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST/2011/4110



No. Crt.	Sector	Project title	SPA Code
			ROSPA0135
			ROSPA0136



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



## ANNEX 5C – The list of Natura 2000 unique sites intersected with the projects included in the *Final revised draft* of the Master Plan on short, medium and long term

### List of unique SCI sites intersected by the projects included in the Do Minimum scenario

No. crt.	SCI Code	SCI Name
1	ROSCI0088	Gura Vedei - Saica - Slobozia
2	ROSCI0376	Raul Olt intre Maruntei si Turnu Magurele
3	ROSCI0045	Coridorul Jiului
4	ROSCI0106	Lunca Mijlocie a Argesului
5	ROSCI0044	Corabia - Turnu Magurele
6	ROSCI0344	Padurile din Sudul Piemontului CAndesti
7	ROSCI0308	Lacul si Padurea Cernica
8	ROSCI0064	Defileul Muresului
9	ROSCI0373	RAul Mureș intre Branisca si Ilia
10	ROSCI0355	Podisul Lipovei - Poiana Rusca
11	ROSCI0004	Bagau
12	ROSCI0253	Trascau
13	ROSCI0162	Lunca Siretului Inferior
14	ROSCI0342	Padurea Târgu Mureș

No. crt.	SCI Code	SCI Name
25	ROSCI0065	Delta Dunarii
26	ROSCI0227	Sighisoara - TArnava Mare
27	ROSCI0382	RAul TArnava Mare intre Copsa Mica si Mihalt
28	ROSCI0370	RAul Mureș intre Lipova si Paulis
29	ROSCI0407	Zarandul de Vest
30	ROSCI0022	Canaralele Dunarii
31	ROSCI0021	Campia Ierului
32	ROSCI0063	Defileul Jiului
33	ROSCI0200	Platoul Vascau
34	ROSCI0291	Coridorul Muntii Bihorului - Codru Moma
35	ROSCI0324	Muntii Bihor
36	ROSCI0240	Tasad
37	ROSCI0008	Betfia
38	ROSCI0130	Oituz - Ojdula



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POS12011/4110



15	ROSCI0386	Raul Vede	39	ROSCI0208	Putna - Vrancea
16	ROSCI0217	Retezat	40	ROSCI0377	RAul Putna
17	ROSCI0069	Domogled - Valea Cernei	41	ROSCI0374	RAul Negru
18	ROSCI0129	Nordul Gorjului de Vest	42	ROSCI0213	RAul Prut
19	ROSCI0050	Crisul Repede amonte de Oradea	43	ROSCI0360	RAul BArlad intre Zorleni si Gura GARbavotulu
20	ROSCI0322	Muntele Ses	44	ROSCI0335	Padurea Dobrina - Husi
21	ROSCI0267	Valea Rosie	45	ROSCI0202	Silvostepa Olteniei
22	ROSCI0104	Lunca Inferioara a Crisului Repede	46	ROSCI0299	Dunarea la GARla Mare - Maglavit
23	ROSCI0098	Lacul Petea	47	ROSCI0314	Lozna
24	ROSCI0066	Delta Dunarii - zona marina	48	ROSCI0006	Balta Mica a Brailei
<b>Total unique SCI sites intersected: 48</b>					



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
 Programul Operațional nr. CCI-2007 RO 161 PO 003  
 Cod proiect: POST2011/4110



### List of unique SPA sites intersected by the projects included in the Do Minimum scenario

No. crt.	SPA Code	SPA Name	No. crt.	SPA Code	SPA Name
1	ROSPA0141	Subcarpatii Vrancei	12	ROSPA0075	Magura Odobesti
2	ROSPA0106	Valea Oltului Inferior	13	ROSPA0088	Muntii Vrancei
3	ROSPA0024	Confluenta Olt - Dunare	14	ROSPA0137	Padurea Radomir
4	ROSPA0122	Lacul si Padurea Cernica	15	ROSPA0074	Maglavit
5	ROSPA0029	Defileul Muresului Inferior - Dealurile Lip	16	ROSPA0114	Cursul Mijlociu al Somesului
6	ROSPA0087	Muntii Trascaului	17	ROSPA0005	Balta Mica a Brailei
7	ROSPA0071	Lunca Siretului Inferior	18	ROSPA0039	Dunare - Ostroave
8	ROSPA0035	Domogled-Valea Cernei	19	ROSPA0017	Canaralele de la Harsova
9	ROSPA0123	Lacurile de acumulare de pe Crisul Repede	20	ROSPA0002	Allah Bair - Capidava
10	ROSPA0031	Delta Dunarii si Complexul Razim - Sinoie	21	ROSPA0012	Bratul Borcea
11	ROSPA0099	Podisul Hartibaciu			
<b>Total unique SPA sites intersected: 21</b>					



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



### List of unique SCI sites intersected by the projects included in the ES/EES development scenario

No. Crt.	SCI Code	SCI Name
1	ROSCI0005	Balta Albă - Amara - Jirlău - Lacul Sărat Căineni
2	ROSCI0008	Betfia
3	ROSCI0010	Bistrița Aurie
4	ROSCI0012	Brațul Măcin
5	ROSCI0013	Bucegi
6	ROSCI0019	Călimani - Gurghiu
7	ROSCI0020	Câmpia Careiului
8	ROSCI0021	Câmpia Ierului
9	ROSCI0022	Canaralele Dunării
10	ROSCI0025	Cefa
11	ROSCI0030	Cheile Lăpușului
12	ROSCI0037	Ciomad - Balványos
13	ROSCI0039	Ciuperceni - Desa
14	ROSCI0043	Comana
15	ROSCI0044	Corabia - Turnu Măgurele
16	ROSCI0045	Coridorul Jiului
17	ROSCI0046	Cozia
18	ROSCI0049	Crișul Negru
19	ROSCI0050	Crișul Repede amonte de Oradea
20	ROSCI0051	Cușma
21	ROSCI0058	Dealul lui Dumnezeu
22	ROSCI0059	Dealul Perchiu
23	ROSCI0062	Defileul Crișului Repede - Pădurea Craiului

No. Crt.	SCI Code	SCI Name
24	ROSCI0063	Defileul Jiului
25	ROSCI0064	Defileul Mureșului
26	ROSCI0065	Delta Dunării
27	ROSCI0066	Delta Dunării - zona marină
28	ROSCI0069	Domogled - Valea Cernei
29	ROSCI0076	Dealul Mare - Hârlău
30	ROSCI0082	Fânețele seculare Ponoare
31	ROSCI0085	Frumoasa
32	ROSCI0087	Grădiștea Muncelului - Ciclovina
33	ROSCI0088	Gura Vedei - Șaica - Slobozia
34	ROSCI0101	Larion
35	ROSCI0103	Lunca Buzăului
36	ROSCI0105	Lunca Joasă a Prutului
37	ROSCI0106	Lunca Mijlocie a Argeșului
38	ROSCI0109	Lunca Timișului
39	ROSCI0114	Mlaștina Hergheliei - Obanul Mare și Peștera Movila
40	ROSCI0122	Munții Făgăraș
41	ROSCI0124	Munții Maramureșului
42	ROSCI0125	Munții Rodnei
43	ROSCI0130	Oituz - Ojdula
44	ROSCI0131	Oltenița - Mostiștea - Chiciu
45	ROSCI0132	Oltul Mijlociu - Cibin - Hârtibaciu
46	ROSCI0135	Pădurea Bârnova - Repede



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST/2011/4110



No. Crt.	SCI Code	SCI Name
47	ROSCI0137	Pădurea Bogății
48	ROSCI0138	Pădurea Bolintin
49	ROSCI0157	Pădurea Hagieni - Cotul Văii
50	ROSCI0158	Pădurea Bălteni - Hârboanca
51	ROSCI0162	Lunca Siretului Inferior
52	ROSCI0168	Pădurea Sarului
53	ROSCI0170	Pădurea și mlaștinile eutrofe de la Prejmer
54	ROSCI0173	Pădurea Stârmina
55	ROSCI0191	Peștera Limanu
56	ROSCI0192	Peștera Măgurici
57	ROSCI0194	Piatra Craiului
58	ROSCI0195	Piatra Mare
59	ROSCI0200	Platoul Vașcău
60	ROSCI0201	Podișul Nord Dobrogean
61	ROSCI0202	Silvostepa Olteniei
62	ROSCI0206	Porțile de Fier
63	ROSCI0207	Postăvarul
64	ROSCI0208	Putna - Vrancea
65	ROSCI0213	Râul Prut
66	ROSCI0214	Râul Tur
67	ROSCI0221	Sărăturile din valea Ilenei
68	ROSCI0224	Scroviștea
69	ROSCI0226	Semenic - Cheile Carașului
70	ROSCI0227	Sighișoara - Târnava Mare

No. Crt.	SCI Code	SCI Name
71	ROSCI0231	Nădab - Socodor - Vârșad
72	ROSCI0232	Someșul Mare Superior
73	ROSCI0236	Strei - Hațeg
74	ROSCI0238	Suatu -Cojocna - Crairât
75	ROSCI0240	Tășad
76	ROSCI0251	Tisa Superioară
77	ROSCI0253	Trascău
78	ROSCI0259	Valea Călmățuiului
79	ROSCI0265	Valea lui David
80	ROSCI0266	Valea Oltețului
81	ROSCI0270	Vânători - Neamț
82	ROSCI0275	Bârsău - Șomcuta
83	ROSCI0277	Becicherecu Mic
84	ROSCI0284	Cheile Teregovei
85	ROSCI0290	Coridorul Ialomiței
86	ROSCI0291	Coridorul Munții Bihorului - Codru Moma
87	ROSCI0292	Coridorul Rusca Montană - Țarcu - Retezat
88	ROSCI0297	Dealurile Târnavei Mici - Bicheș
89	ROSCI0299	Dunărea la Gârla Mare – Maglavit
90	ROSCI0303	Hârtibaciu Sud - Est
91	ROSCI0304	Hârtibaciu Sud - Vest
92	ROSCI0305	Ianca - Plopu - Sărat - Comăneasca
93	ROSCI0307	Lacul Sărat - Brăila
94	ROSCI0310	Lacurile Fălticeni



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. Crt.	SCI Code	SCI Name
95	ROSCI0314	Lozna
96	ROSCI0321	Moldova Superioară
97	ROSCI0323	Muntii Ciucului
98	ROSCI0324	Munții Bihor
99	ROSCI0328	Obcinele Bucovinei
100	ROSCI0329	Oltul Superior
101	ROSCI0330	Osești - Bârzești
102	ROSCI0341	Pădurea și Lacul Stolnici
103	ROSCI0344	Pădurile din Sudul Piemontului Căndești
104	ROSCI0352	Perșani
105	ROSCI0354	Platforma Cotmeana
106	ROSCI0358	Pricop - Huta - Certeze
107	ROSCI0360	Râul Bârlad între Zorleni și Gura Gârbăvoțului
108	ROSCI0362	Râul Gilort
109	ROSCI0364	Râul Moldova între Tupilați și Roman
110	ROSCI0365	Râul Moldova între Păltinoasa și Ruși
111	ROSCI0366	Râul Motru
112	ROSCI0367	Râul Mureș între Morești și Ogra
113	ROSCI0368	Râul Mureș între Deda și Reghin
114	ROSCI0369	Râul Mureș între Ierănuteni și Periș
115	ROSCI0370	Râul Mureș între Lipova și Păuliș
116	ROSCI0373	Râul Mureș între Brănișca și Ilia
117	ROSCI0374	Râul Negru
118	ROSCI0376	Râul Olt între Mărunței și Turnu Măgurele

No. Crt.	SCI Code	SCI Name
119	ROSCI0377	Râul Putna
120	ROSCI0378	Râul Siret între Pașcani și Roman
121	ROSCI0379	Râul Suceava
122	ROSCI0380	Râul Suceava Liteni
123	ROSCI0382	Râul Târnava Mare între Copșa Mică și Mihalț
124	ROSCI0384	Râul Târnava Mică
125	ROSCI0385	Râul Timis între Rusca și Prisaca
126	ROSCI0386	Râul Vedea
127	ROSCI0393	Someșul Mare
128	ROSCI0400	Șieu - Budac
129	ROSCI0402	Valea din Sânanndrei
130	ROSCI0403	Vânju Mare
131	ROSCI0407	Zarandul de Vest



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4170



### List of unique SPA sites intersected by the projects included in the ES/EES development scenario

No. Crt.	SPA Code	SPA Name
1	ROSPA0004	Balta Albă - Amara - Jirlău
2	ROSPA0006	Balta Tătaru
3	ROSPA0011	Blahnița
4	ROSPA0013	Calafat - Ciuperceni - Dunăre
5	ROSPA0015	Câmpia Crișului Alb și Crișului Negru
6	ROSPA0016	Câmpia Nirului - Valea Ierului
7	ROSPA0019	Cheile Dobrogei
8	ROSPA0021	Ciocănești - Dunăre
9	ROSPA0022	Comana
10	ROSPA0023	Confluența Jiu - Dunăre
11	ROSPA0024	Confluența Olt - Dunăre
12	ROSPA0025	Cozia - Buila - Vânturarița
13	ROSPA0026	Cursul Dunării - Baziaș - Porțile de Fier
14	ROSPA0027	Dealurile Homoroadelor
15	ROSPA0028	Dealurile Târnavelor și Valea Nirajului
16	ROSPA0029	Defileul Mureșului Inferior - Dealurile Lip
17	ROSPA0030	Defileul Mureșului Superior
18	ROSPA0031	Delta Dunării și Complexul Razim - Sinoie
19	ROSPA0032	Deniz Tepe
20	ROSPA0033	Depresiunea și Munții Giurgeului
21	ROSPA0034	Depresiunea și Munții Ciucului
22	ROSPA0037	Dumbrăvița - Rotbav - Măgura Codlei

No. Crt.	SPA Code	SPA Name
23	ROSPA0038	Dunăre - Oltenița
24	ROSPA0039	Dunăre - Ostroave
25	ROSPA0040	Dunărea Veche - Brațul Măcin
26	ROSPA0041	Eleșteele Iernut - Cipău
27	ROSPA0043	Frumoasa
28	ROSPA0045	Grădiștea Muncelului - Cioclovina
29	ROSPA0047	Hunedoara Timișană
30	ROSPA0048	Ianca - Plopu - Sărat
31	ROSPA0060	Lacul Tașaul
32	ROSPA0062	Lacurile de acumulare de pe Argeș
33	ROSPA0063	Lacurile de acumulare Buhuși - Bacău - Bereș
34	ROSPA0064	Lacurile Fălticeni
35	ROSPA0066	Limanu-Herghelia
36	ROSPA0067	Lunca Barcaului
37	ROSPA0068	Lunca Inferioară a Turului
38	ROSPA0071	Lunca Siretului Inferior
39	ROSPA0072	Lunca Siretului Mijlociu
40	ROSPA0073	Măcin - Niculițel
41	ROSPA0074	Maglavit
42	ROSPA0080	Munții Almăjului - Locvei
43	ROSPA0082	Munții Bodoc Baraolt
44	ROSPA0085	Munții Rodnei



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. Crt.	SPA Code	SPA Name
45	ROSPA0086	Munții Semenic - Cheile Carașului
46	ROSPA0087	Munții Trascăului
47	ROSPA0088	Munții Vrancei
48	ROSPA0089	Obcina Feredeului
49	ROSPA0090	Ostrovu Lung - Gostinu
50	ROSPA0091	Pădurea Babadag
51	ROSPA0092	Pădurea Bârnova
52	ROSPA0093	Pădurea Bogata
53	ROSPA0096	Pădurea Miclești
54	ROSPA0097	Pescăria Cefa - Pădurea Rădvani
55	ROSPA0098	Piemontul Făgăraș
56	ROSPA0099	Podisul Hartibaciu
57	ROSPA0100	Stepa Casimcea
58	ROSPA0102	Suhaia
59	ROSPA0106	Valea Oltului Inferior
60	ROSPA0107	Vânători - Neamț
61	ROSPA0108	Vedea - Dunăre
62	ROSPA0110	Acumularile Rogojesti - Bucecea
63	ROSPA0113	Cânepiști
64	ROSPA0114	Cursul Mijlociu al Somesului
65	ROSPA0115	Defileul Crisului Repede-Valea Iadului
66	ROSPA0116	Dorohoi-Saua Bucecei
67	ROSPA0119	Horga - Zorleni
68	ROSPA0121	Lacul Brateș

No. Crt.	SPA Code	SPA Name
69	ROSPA0128	Lunca Timisului
70	ROSPA0129	Masivul Ceahlau
71	ROSPA0131	Munții Maramureșului
72	ROSPA0135	Nisipurile de la Dăbuleni
73	ROSPA0136	Oltenița - Ulmeni
74	ROSPA0140	Scroviștea
75	ROSPA0143	Tisa Superioară
76	ROSPA0145	Valea Călmățuiului
77	ROSPA0148	Vitanesti-Rasmiresti



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST12011/4110



### List of unique SCI sites intersected by the projects included in the Core TEN-T (CTT) scenario

No. crt.	SCI Code	SCI Name
1	ROSCI0005	Balta Albă - Amara - Jirlău - Lacul Sărat Căineni
2	ROSCI0010	Bistrița Aurie
3	ROSCI0013	Bucegi
4	ROSCI0019	Călimani - Gurghiu
5	ROSCI0020	Câmpia Careiului
6	ROSCI0021	Câmpia Ierului
7	ROSCI0025	Cefa
8	ROSCI0039	Ciuperceni - Desa
9	ROSCI0043	Comana
10	ROSCI0044	Corabia - Turnu Măgurele
11	ROSCI0045	Coridorul Jiului
12	ROSCI0046	Cozia
13	ROSCI0049	Crișul Negru
14	ROSCI0050	Crișul Repede amonte de Oradea
15	ROSCI0058	Dealul lui Dumnezeu
16	ROSCI0062	Defileul Crișului Repede - Pădurea Craiului
17	ROSCI0063	Defileul Jiului
18	ROSCI0064	Defileul Mureșului
19	ROSCI0065	Delta Dunării
39	ROSCI0206	Porțile de Fier

No. crt.	SCI Code	SCI Name
20	ROSCI0066	Delta Dunării - zona marină
21	ROSCI0069	Domogled - Valea Cernei
22	ROSCI0082	Fânețele seculare Ponoare
23	ROSCI0085	Frumoasa
24	ROSCI0087	Grădiștea Muncelului - Ciclovina
25	ROSCI0088	Gura Vedei - Șaica - Slobozia
26	ROSCI0101	Larion
27	ROSCI0103	Lunca Buzăului
28	ROSCI0109	Lunca Timișului
29	ROSCI0122	Munții Făgăraș
30	ROSCI0131	Oltenița - Mostiștea - Chiciu
31	ROSCI0132	Oltul Mijlociu - Cibin - Hârtibaciu
32	ROSCI0135	Pădurea Bârnova - Repede
33	ROSCI0138	Pădurea Bolintin
34	ROSCI0158	Pădurea Bălteni - Hârboanca
35	ROSCI0162	Lunca Siretului Inferior
36	ROSCI0192	Peștera Măgurici
37	ROSCI0195	Piatra Mare
38	ROSCI0202	Silvostepa Olteniei
60	ROSCI0297	Dealurile Târnavei Mici - Bicheș



Asistență tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. crt.	SCI Code	SCI Name
40	ROSCI0207	Postăvarul
41	ROSCI0213	Râul Prut
42	ROSCI0221	Sărăturile din valea Ilenei
43	ROSCI0224	Scroviștea
44	ROSCI0226	Semenic - Cheile Carașului
45	ROSCI0227	Sighișoara - Târnava Mare
46	ROSCI0231	Nădab - Socodor - Vârșad
47	ROSCI0232	Someșul Mare Superior
48	ROSCI0236	Strei - Hațeg
49	ROSCI0238	Suatu -Cojocna - Crairât
50	ROSCI0253	Trascău
51	ROSCI0259	Valea Călmățuiului
52	ROSCI0265	Valea lui David
53	ROSCI0266	Valea Oltețului
54	ROSCI0270	Vânători - Neamț
55	ROSCI0275	Bărsău - Șomcuta
56	ROSCI0277	Becicherecu Mic
57	ROSCI0284	Cheile Teregovei
58	ROSCI0290	Coridorul Ialomiței
59	ROSCI0292	Coridorul Rusca Montană - Țarcu - Retezat
81	ROSCI0376	Râul Olt între Mărunței și Turnu Măgurele

No. crt.	SCI Code	SCI Name
61	ROSCI0299	Dunărea la Gârla Mare – Maglavit
62	ROSCI0303	Hârtibaciu Sud - Est
63	ROSCI0304	Hârtibaciu Sud - Vest
64	ROSCI0305	Ianca - Plopu - Sărat - Comăneasca
65	ROSCI0310	Lacurile Fălticeni
66	ROSCI0314	Lozna
67	ROSCI0321	Moldova Superioară
68	ROSCI0328	Obcinele Bucovinei
69	ROSCI0329	Oltul Superior
70	ROSCI0330	Osești - Bârzești
71	ROSCI0341	Pădurea și Lacul Stolnici
72	ROSCI0360	Râul Bârlad între Zorleni și Gura Gârbăvoțului
73	ROSCI0364	Râul Moldova între Tupilați și Roman
74	ROSCI0365	Râul Moldova între Păltinoasa și Ruși
75	ROSCI0366	Râul Motru
76	ROSCI0367	Râul Mureș între Morești și Ogra
77	ROSCI0368	Râul Mureș între Deda și Reghin
78	ROSCI0369	Râul Mureș între Iernuțeni și Periș
79	ROSCI0370	Râul Mureș între Lipova și Păuliș
80	ROSCI0373	Râul Mureș între Brănișca și Ilia
87	ROSCI0393	Someșul Mare



Asistența tehnică pentru elaborarea unui Master Plan General de Transport  
Programul Operațional nr. CCI-2007 RO 161 PO 003  
Cod proiect: POST2011/4110



No. crt.	SCI Code	SCI Name
82	ROSCI0378	Râul Siret între Pașcani și Roman
83	ROSCI0379	Râul Suceava
84	ROSCI0382	Râul Târnava Mare între Copșa Mică și Mihaiț
85	ROSCI0385	Râul Timis între Rusca și Prisaca
86	ROSCI0386	Râul Vede

No. crt.	SCI Code	SCI Name
88	ROSCI0400	Șieu - Budac
89	ROSCI0402	Valea din Sânaandrei
90	ROSCI0403	Vânju Mare
91	ROSCI0407	Zarandul de Vest

**Total unique SCI sites intersected: 91**

#### List of unique SPA sites intersected by the projects included in the Core TEN-T (CTT) scenario

No. crt.	SPA Code	SPA Name
1	ROSPA0004	Balta Albă - Amara - Jirlău
2	ROSPA0006	Balta Tătaru
3	ROSPA0011	Blahnița
4	ROSPA0013	Calafat - Ciuperceni - Dunăre
5	ROSPA0015	Câmpia Crișului Alb și Crișului Negru
6	ROSPA0016	Câmpia Nirului - Valea Ierului
7	ROSPA0021	Ciocănești - Dunăre
8	ROSPA0022	Comana
9	ROSPA0023	Confluența Jiu - Dunăre
10	ROSPA0024	Confluența Olt - Dunăre
11	ROSPA0025	Cozia - Buila - Vânturarița
23	ROSPA0045	Grădiștea Muncelului - Cioclovina

No. crt.	SPA Code	SPA Name
12	ROSPA0026	Cursul Dunării - Baziaș - Porțile de Fier
13	ROSPA0027	Dealurile Homoroadelor
14	ROSPA0028	Dealurile Târnavelor și Valea Nirajului
15	ROSPA0029	Defileul Mureșului Inferior - Dealurile Lip
16	ROSPA0030	Defileul Mureșului Superior
17	ROSPA0031	Delta Dunării și Complexul Razim - Sinoie
18	ROSPA0033	Depresiunea și Munții Giurgeului
19	ROSPA0037	Dumbrăvița - Rotbav - Măgura Codlei
20	ROSPA0038	Dunăre - Oltenița
21	ROSPA0041	Eleșteele Iernut - Cipău
22	ROSPA0043	Frumoasa
43	ROSPA0110	Acumularile Rogojesti - Bucecea





UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



## ANNEX 5A

### Estimation of inside and neighboring surfaces from Natura 2000 sites potentially affected by the implementation of the GTMP proposed project

The location of projects was carried out using vector data received from the beneficiary, and with digitization based on Google Earth Pro satellite imagery, according to the information available in the projects title. In the latter category are the rehabilitation and upgrading of sections of railways, airports and port areas limits. Also, if the project aimed at improving navigation conditions was extracted the corresponding portion of the fairway available on the website of the Lower Danube River Administration of RA Galați.

For the assessment of the land affected by the implementation of the Master Plan corresponding polygons were created for projects involving new construction (roads, railways, buildings, electrification poles) and for those providing rehabilitation or upgrading works using the "Buffer" function in ArcGIS 10.1 . The distances used were different depending on the type of work involved (highway, road, rail, waterways, buildings) and anticipated impacts (habitat destruction, alteration, perturbation). The projects polygons were intersected with the sensitive areas in Natura 2000 sites (SCI and SPA) and from the 1 km buffer zone around the designated sites, then were calculated the joint surfaces and broken down by degree of sensitivity, scenario, type of work and location toward the protected area (indoors or buffer zone). The distances used for the derangement type impact were established according to the information available in the scientific literature (eg .: Forman et al. 2002).

It should be noted that for the road infrastructure, the current situation that the document refers only treats existing motorways and national roads, not including county roads, communal roads or forest roads. In this respect the results are not a full assessment of the reality on the degree of damage to Natura 2000 sites.

For the aviation sector should be noted that the buffer was chosen by consulting the scientific literature and strategic noise maps for airports in Romania. Although for Otopeni airport the noise values are much higher, it was not used a different buffer, because the nearest protected area was over 10 km away and would not affect calculations.

Buffers used for each type of work and impacts are presented in the following table.



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAMUL OPERAȚIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

Tabel no. 1 Buffers used to create polygons that were later used to calculate the affected surfaces

		Existing constructions buffer (m)	Permanent constructions buffer (direct effects) (m)	Temporary works (habitat alteration) (m)	Perturbation (indirect effects) (m)
<b>ROAD SECTOR</b>					
Baseline situation	Motorway	25	-	-	675
	National Road	5	-	-	495
New roads	Motorway	-	25	15	675
	Express Roads	-	25	15	675
	Bypass		20	15	680
Modernisation	National Road	5	10	10	488
Rehabilitations	National Road	5	-	5	495
<b>RAIL SECTOR</b>					
Baseline situation	Railway lines	20	-	-	680
	Train station	50	-	-	650
New projects	Railway lines	-	20	15	680
Modernisation	Railway lines	-	-	15	-
<b>INTERMODAL</b>					
New projects	Intermodal terminal	-	140	-	560
<b>SECTOR NAVAL</b>					
Îmbunătățirea navigației	Fairway	-	-	Existing polygon	-
New constructions	Waterway	-	40	10	-
Rehabilitations	Ports	-	-	Existing polygons	-
<b>AIR SECTOR</b>					
Modernisation	Airport	-	-	-	200



UNIUNEA EUROPEANA



GUVERNUL ROMANIEI



Instrumente structurale  
2007-2013

Asistență tehnică pentru elaborarea unui  
Master Plan General de Transport  
CCI: 2007 RO 161 RO 003  
Cod Proiect: POST/2011/4/1/0



PROGRAM OPERATIONAL SECTORIAL TRANSPORT  
**TRANS**  
Mobilitate în România. Conexiuni cu Europa.

**ANNEX 6 – Evaluation matrix of potential effects on the environment**

SCENARIOS GTMP/Transport modes	Air		Climate Change			Water			Soil and subsoil			Waste and hazardous substances management		Biodiversity		Population and human health			Landscape and cultural heritage		Sustainable transport		Energy efficiency		Conservation and efficient use of natural resources / Using renewable resources		Raising awareness on environmental issues in the transport sector		Total no. of negative effects	Total no. of positive effects	No effect/The effect cannot be estimated	Total score scenario
	OMR1	OMR2	OMR3	OMR4	OMR5	OMR6	OMR7	OMR8	OMR9	OMR10	OMR11	OMR12	OMR13	OMR14	OMR15	OMR16	OMR17	OMR18	OMR19	OMR20	OMR21	OMR22	OMR23	OMR24	OMR25	OMR26	OMR27	OMR28				
<b>Do nothing Scenario</b>																																
Road transport	-2	-2	-2	0	-2	0	0	-1	-1	-1	0	-1	0	-1	0	-2	-2	-1	-1	0	0	-2	-2	-2	-2	-2	-1	0	19	0	9	-30
Rail transport	-1	-1	-2	0	-2	0	0	-1	0	-1	0	-1	0	-1	0	-2	-1	-1	-1	0	0	-2	-2	-2	-2	-2	-1	0	18	0	10	-26
Water transport (ports and fairways)	-2	0	-2	0	-2	-2	-2	-1	0	-1	0	0	0	-1	0	-1	0	0	-1	0	0	-2	-2	-2	-2	-2	0	0	16	0	12	-25
Air transport	-1	-1	-1	0	-2	0	0	-1	0	0	0	0	0	0	0	0	-1	-1	-1	0	0	-2	-1	-1	-1	-1	0	0	13	0	15	-15
Intermodal transport	-1	-1	-1	0	0	0	0	0	0	0	0	-1	0	0	0	0	-1	0	-1	0	0	-1	-1	0	0	0	0	0	7	0	21	-8
Total score for each objective	-7	-5	-8	0	-8	-2	-2	-4	-1	-3	0	-3	0	-3	0	-5	-5	-3	-5	0	0	-9	-8	-7	-7	-7	-2	0	73	0	67	104
<b>Do minimum Scenario</b>																																
Road transport	-2	-1	-2	0	-1	0	0	-1	-1	-1	0	-1	0	-1	-2	1	-2	1	1	-1	1	1	-1	-1	-1	-2	-1	0	17	6	5	-17
Rail transport	-1	-1	-2	0	-1	0	0	-1	-1	-1	0	-1	0	-1	-2	1	-1	1	1	0	0	1	-1	-1	0	0	0	0	13	5	10	-11
Water transport (ports and fairways)	-2	0	-2	0	-1	-1	-1	-1	0	-1	0	-1	0	-1	0	0	-1	1	1	0	0	1	-1	-1	0	0	0	0	12	3	13	-11
Air transport	-2	-1	-2	0	-1	0	0	-1	-1	0	0	0	0	0	0	0	-1	0	1	0	0	0	0	0	0	0	0	0	7	1	20	-8
Intermodal transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0
Total score for each objective	-7	-3	-8	0	-4	-1	-1	-4	-3	-3	0	-3	0	-3	-4	2	-5	3	4	-1	1	3	-3	-3	-1	-2	-1	0	49	15	76	-47
<b>Development Scenario</b>																																
Road transport	-2	2	-1	0	1	1	-1	0	-1	1	1	-1	0	-2	-1	2	2	2	2	0	0	2	-1	-1	-1	0	0	2	10	12	6	6
Rail transport	-2	1	-1	0	1	1	-1	0	-1	1	1	-1	0	-1	-1	2	1	2	2	0	0	2	1	-1	1	0	0	2	8	15	5	9
Water transport (ports and fairways)	-2	1	-1	0	1	1	-2	0	0	0	0	-1	0	-2	0	1	1	2	2	0	0	2	1	-1	1	0	0	2	6	12	10	6
Air transport	-2	1	-1	0	1	1	0	0	-1	1	1	-1	0	0	0	1	1	2	2	0	0	2	1	0	0	0	0	2	4	12	12	11
Intermodal transport	0	1	1	0	1	1	0	0	0	1	1	-1	0	0	0	1	1	2	2	0	0	2	1	0	1	0	0	2	2	15	11	17
Total score for each objective	-8	6	-3	0	5	5	-4	0	-3	4	4	-5	0	-5	-2	7	6	10	10	0	0	10	3	-3	2	0	0	10	30	66	44	49

Scenariul Core TEN-T																																
Road transport	-2	1	-2	0	1	1	-1	0	-1	1	1	-1	0	-2	-1	1	1	1	1	0	0	2	-1	-1	-1	0	0	2	10	10	8	0
Rail transport	-2	1	-1	0	1	1	-1	0	-1	1	1	-1	0	-1	-1	1	1	1	2	0	0	2	1	-1	1	0	0	2	8	14	6	7
Water transport (ports and fairways)	-2	1	-1	0	1	1	-2	0	0	0	0	-1	0	-2	0	1	1	1	2	0	0	2	1	-1	1	0	0	2	6	12	10	5
Air transport	-2	1	-1	0	1	1	0	0	-1	1	1	-1	0	0	0	1	1	1	2	0	0	2	1	0	0	0	0	2	4	13	11	10
Intermodal transport	0	1	1	0	1	1	0	0	0	1	1	-1	0	0	0	1	1	1	2	0	0	2	1	0	1	0	0	2	2	15	11	16
Total score for each objective	-8	5	-4	0	5	5	-4	0	-3	4	4	-5	0	-5	-2	5	5	5	9	0	0	10	3	-3	2	0	0	10	30	64	46	38
+2	Positive significant impact										Refers to the major effects (significant) with positive nature, that manifest on long or permanent term, have extensive coverage and contribute to achieving the established environmental objective.																					
+1	Positive impact										Refers to minor effects (reduced) with direct or indirect positive nature, are felt locally and may partly contribute to achieving the established environmental objective.																					
0	No effect/the effect cannot be determined										No effects, or extremely low or where no accurate predictions can be made, are needed further details on the field, about the characteristics of projects and their size																					
-1	Negative impact										Refers to minor effects (reduced) with direct or indirect negative nature, are felt locally and make it difficult to achieve the established environmental objective																					
-2	Negative significant impact										Refers to the major effects (significant) with negative nature, which manifests on long or permanent term, have extensive coverage and prevent achieving the established environmental objective																					

Ministry of Environment and Climate Changes  
Office of the state secretary

No.

To: Ministry of Transportation – The management authority for the Operational Sectorial Program  
Transportation

To the attention of: General Director Marcel Doboş

To the knowledge of: General Direction of Impact Assessment and Pollution Control – MMSC, MS Dorina  
Mocanu – General Director

Regarding: Study: Proper evaluation of the General Master Plan of Transport

Dear sir/madam

Regarding to your letter of transmittal no. 40/CMC/SB/39808/26.09.2014 through which you sent for analysis the study of proper evaluation – the revised version of the General Master Plan of Transport, registered in the Ministry of Environment and Climate Changes with no. 16724/AJ/29.09.2014, we inform you that:

- The revised study of proper evaluation of the General Master Plan of Transport was analyzed according to the order of the minister of environment and forests no. 19/2010 for approving the methodological guide for proper evaluation of the potential effects of the plans and projects in the protected areas of community interest.
- It was found that all the observations made by the Technical Direction of MMSC, were taken into consideration, observations sent through address no. 16005/AJ/2014.

Regarding the fact that the requests from the Order no. 19/2010, were taken into consideration. The Biodiversity Department accepts the form of the transmitted proper evaluation, and the conclusions of the study can be assumed in the Environment Report to continue the regulation procedures of the General Master Plan of Transport, according to the stipulations of the HG no. 1076/2004 regarding the establish of execution procedures of the environment evaluations for plans and programs.

With respect,

Secretary of state,

Anne Jugănaru.